## PROBABILITY INTEGRALS OF MULTIVARIATE NORMAL AND MULTIVARIATE $t^1$

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- 1. Introduction. The evaluation of multivariate normal probability integrals is of special importance to the statistician dealing with multivariate problems. The joint distribution of several dependent continuous variates is often assumed to be a multivariate normal distribution, and the multivariate normal distribution also provides an approximation to the multinomial distribution for a large sample size. Applications of the multivariate normal distribution are numerous throughout statistical literature. An extensive list of applications of the bivariate normal probability distribution is given by D. B. Owen [8]. The present paper gives a survey of the work on multivariate probability integral and related functions starting with the bivariate case and includes the author's recent work on the probability integrals of the multivariate normal and a multivariate analogue of Student's t. Two new tables of the probability integrals of the equicorrelated multivariate normal are given at the end of the paper (Tables I and II).
- 2. Bivariate normal integral. W. F. Sheppard was perhaps the first statistician who concerned himself with the evaluation of the bivariate probability integral. In his paper [11] published in 1900, Sheppard obtained the exact probability that both the standardized correlated normal variates are positive and also discussed the calculation of certain V functions for evaluating the probability integral in general. In 1901, Pearson [31] published a method for evaluating the integral as a power series in  $\rho$  involving tetrachoric functions. The function computed by Pearson and his associates is:

(1) 
$$\frac{d}{N} = \int_{h}^{\infty} \int_{k}^{\infty} f(x, y; \rho) \ dx \ dy$$

where

$$f(x, y; \rho) = [1/2\pi(1 - \rho^2)^{\frac{1}{2}}] \exp{[-\frac{1}{2}\{x^2 - 2\rho xy + y^2\}/(1 - \rho^2)]}.$$

Pearson obtained the following tetrachoric series expansion:

(2) 
$$d/N = \sum_{j=0}^{\infty} \rho^j \tau_j(h) \tau_j(k)$$

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<sup>&</sup>lt;sup>3</sup> The numbers in brackets [] refer to the separate bibliography on the multivariate normal integrals and related topics which follow this paper.

where  $\tau_i(x)$  is

(3) 
$$\tau_{j}(x) = j$$
th tetrachoric function  $= H_{j-1}(x)e^{-x^{2}/2}/[(j!)^{\frac{1}{2}}(2\pi)^{\frac{1}{2}}]$ 

and  $H_i(x)$  is the Hermite polynomial defined by

(4) 
$$H_{j}(x) = e^{x^{2}/2}[(-D)^{j}e^{-x^{2}/2}] = x^{j} - \binom{j}{2}x^{j-2} + \binom{j}{4}3x^{j-4} + \cdots + (-1)^{s}\binom{j}{2s}3\cdot \dots (2s-1)x^{j-2s} + \cdots.$$

The series (2) converges too slowly for high values of  $\rho$  and thus is not very satisfactory. For high values of  $|\rho|$ , the table of d/N was calculated by quadrature using the relation

(5) 
$$\frac{d}{N} = \frac{1}{2\pi} \int_{h}^{\infty} e^{-x^{2}/2} dx \int_{(k-\rho x)/(1-\rho^{2})^{\frac{1}{3}}}^{\infty} e^{-y^{2}/2} dy.$$

The function d/N is tabulated in Pearson's Tables for Statisticians and Biometricians, Part II, (1938), where references are given to several papers published in Biometrika, which originally contained tables of d/N for selected values of h, k, and  $\rho$ . The tetrachoric functions are also tabulated up to  $\tau_{19}$ . Pearson's tables for d/N are given for h, k=0(.1)2.6,  $\rho=-1(.05)1$ , to six decimal places for positive  $\rho$  and to seven decimal places for negative  $\rho$ . Pearson was interested in computing the tetrachoric correlation coefficient from a four-fold table under the assumption that the variates follow the normal distribution. If  $\rho$  is the correlation in the bivariate normal population and the observed cell frequencies in the first and second row are (a, b) and (c, d), respectively, such that a + b + c + d = N, then we can get an estimate  $\rho_t$  of  $\rho$ . (Pearson used the symbol r instead of  $\rho$ ) from a solution of the Equation (2). Hence the notation d/N instead of our  $L(h, k; \rho)$ . In terms of the dichotomy represented by the four-fold table h and k are the solutions of

$$\int_{h}^{\infty} \frac{e^{-x^{2}/2}}{(2\pi)^{\frac{1}{2}}} dx = \frac{b+d}{N}, \qquad \int_{k}^{\infty} \frac{e^{-x^{2}/2}}{(2\pi)^{\frac{1}{2}}} dx = \frac{c+d}{N}.$$

It should be pointed out that tetrachoric series has been discovered by many writers. Apparently the priority goes to Mehler [26]. Also the exact relation for the probability that both the correlated random variables are positive is given by Stieltjes [203] as mentioned by Cramér [200], page 290. This result is

(6) 
$$\int_0^{\infty} \int_0^{\infty} f(x, y; \rho) \ dx \ dy = \frac{1}{4} + (1/2\pi) \arcsin \rho.$$

C. Nicholson considered the evaluation of the probability integral for two variables in 1943 [7] (and a geometrical approach in an earlier paper [202] in 1941). He discussed the properties of the V function given by

(7) 
$$V(h, q) = \int_0^h f(x) \ dx \int_0^{qx/h} f(y) \ dy,$$

where

$$f(x) = [1/(2\pi)^{\frac{1}{2}}]e^{-x^2/2}$$

The function V depends on only two parameters h and q. Nicholson [7] tabulated the function V(h, q) for h, q = 0(.1)3 and for  $q = \infty$ , to six decimal places.

Nicholson used the following expansion for computing V(h, q). When q < h

(8) 
$$V(h,q) = \frac{1}{2\pi} \left\{ B_0 \frac{q}{h} - B_1 \frac{q^3}{3h^3} + B_2 \frac{q^5}{5h^5} - B_8 \frac{q^7}{7h^7} + \cdots \right\},$$

where

(9) 
$$B_n = \frac{1}{n! \ 2^n} \int_0^h x^{2n+1} e^{-x^2/2} \ dx = 1 - e^{-h^2/2} \sum_{j=0}^n \frac{h^{2j}}{j! \ 2^j}$$

and used the identity

(10) 
$$V(h,q) + V(q,h) = \int_0^h f(x) \, dx \int_0^q f(y) \, dy$$

for obtaining V(h, q) when q > h. Incidentally, Nicholson's table can also be used to find the distribution of the ratio of two normal chance variables. The following two approximations for V(h, q) were obtained by Cadwell [5]

(11) 
$$V(h,q) \simeq (\alpha/2\pi)\{1 - \exp(-hq/2\alpha)\}$$

(12) 
$$V(h,q) \simeq \frac{\alpha}{2\pi} \left[ 1 - \exp\left\{ -\frac{h^2 \tan \alpha}{2\alpha} + h^4 \frac{\alpha \tan \alpha (3 + \tan^2 \alpha) - 3 \tan^2 \alpha}{24\alpha^2} \right\} \right]$$

where  $\alpha = \tan^{-1}(q/h)$ . Some results on the maximum error of these approximations were also given by Cadwell [5].

In 1943, H. H. Germond and his associates C. Hastings and M. Piedam started the tabulation of V(h, q). This table [6] was extended by Germond to cover V(h, q) for h = 0(.01)4 and  $\lambda = q/h = .1(.1)1$  to 5 decimal places. Germond's tables of  $V(h, \lambda h)$  and their extension by the National Bureau of Standards are given in the Tables of the Bivariate Normal Distribution and Related Functions [2]. These tables [2] were issued in 1959 and tabulate the function  $L(h, k; \rho)$  which represents the probability content of an infinite rectangle  $[h \le x < \infty, k \le y < \infty]$  with sides parallel to the axes. The ranges of tabulation is  $h, k = 0(.1)4, \rho = 0(.05).95(.01)1, 6D$  and  $h, k = 0(.1)h_n, k_n, -\rho = 0(.05).95(.01)1; 7D$  where  $L(h_n, k_n; -\rho) \le \frac{1}{2} \cdot 10^{-7}$  if  $h_n$  and  $k_n$  are both less than 4 (Tables I and II with r for  $\rho$ ). The functions  $V(h, \lambda h)$  and  $V(\lambda h, h)$  are tabulated for h = 0(.01)4(.02)4.6(.1)5.6 and  $\infty; \lambda = .1(.1)1; 7D$  with last place uncertain by two units (Tables III and IV).

We will now summarize the formulas connecting the V function and the L

function defined by

(13) 
$$L(h, k; \rho) = \int_h^\infty dx \int_k^\infty f(x, y; \rho) dy = L(k, h; \rho).$$

(14) 
$$L(h, k; \rho) = V\{h, [(k - \rho h)/(1 - \rho^2)^{\frac{1}{2}}]\} + V\{k, [(h - \rho k)/(1 - \rho^2)^{\frac{1}{2}}]\} + H$$

where

(15) 
$$H = -\frac{1}{2}[F(h) + F(k) - \frac{3}{2}] + \arcsin \rho / 2\pi \text{ and } F(x) = [1/(2\pi)^{\frac{1}{2}}] \int_{-\infty}^{x} e^{-y^{2}/2} dy.$$

It should be pointed out here that in connection with some practical projects, tables of the bivariate normal probability distribution [4] were also computed in the Statistical Laboratory, University of California by L. A. Aroian, E. Fix and M. Johnsen. These tables [4] have been included in the National Bureau of Standards Tables [2]. They were reviewed in MTAC (See [4]).

D. B. Owen considered the evaluation of the integral of the bivariate normal in a research report [8] issued in August 1956. He denoted the probability content over the infinite rectangle  $[-\infty, h; -\infty, k]$  by  $B(h, k; \rho)$  and introduced the related function T(h, a). These functions are given by

(16) 
$$B(h, k; \rho) = \frac{1}{2\pi(1-\rho^2)^{\frac{1}{2}}} \int_{-\infty}^{h} dy \int_{-\infty}^{h} f(x, y; \rho) dx$$

(17) 
$$T(h, a) = \frac{1}{2\pi} \int_0^a \frac{\exp\left\{-\frac{1}{2}h^2(1+x^2)\right\}}{1+x^2} dx.$$

The relationship between the T and V function is

(18) 
$$T(h, a) = \arctan a/2\pi - V(h, ah).$$

Owen derived various relations connecting the  $B(h, k; \rho)$  and T(h, a). His derivations are analytical in contrast to the heavily geometrical ones by Sheppard and Nicholson. The function T(h, a) and its differences are tabulated by Owen in [8] and [9] (with different intervals of tabulation in [9] for a = 0(.025)1,  $\infty$ , and h = 0(.01)3.50(.05)4.75. Also T(0, a) is tabulated separately for a = 0(.005)1. Using his tables and relations one can obtain the volumes under a bivariate surface over any polygon. It should be noted that Cadwell [5] had earlier described the use of the V-function to find volumes under a bivariate surface over any polygon.

Two approximations with some discussion of their maximum absolute errors have been given for the T(h, a) function by Mallows [24] who also obtained upper bounds for this function. For  $h \ge 0$ ,  $0 \le a < 1$ , the two approximations given by Mallows straddle the true values and have maximum absolute errors .0078 and .0014 respectively at h = 0. Both his approximations and upper bounds

are given as functions of the cumulative distribution function and density of the unit normal variate. We give below the two approximations  $T^*(h, a)$  and  $T^{**}(h, a)$ .

For 
$$-\infty < h$$
,  $a < \infty$ 

(18a) 
$$T(h, a) \simeq T^*(h, a) = \{\frac{1}{2} - G(|h|)\}G(am(|h|))$$
 where  $m(h) = G^{-1}(\frac{1}{4}) + G^{-1}(G(h)/2)$ , and where  $G(x) = \int_0^x g(t) dt$  and  $g(t) = [1/(2\pi)^{\frac{1}{2}}]e^{-t^2/2}$ .

For |a| < 1, an improved approximation

(18b) 
$$T(h, a) \simeq T^{**}(h, a) = \{\frac{1}{2} - G(h)\}G\{a\alpha(h) - a^{3}\beta(h)\}$$
where  $\alpha(h) = 2g(h)/(1 - 2G(h))$  and  $\beta(h) = \alpha(h) - m(h)$ .

Ruben [37] showed that the evaluation of the integral  $L(h, k; \rho)$  over the infinite rectangle is essentially equivalent to the evaluation of the probability content of an off-center sector under a centered standard circular normal distribution. He introduced  $W(c_0, \theta)$  to denote the latter when the vertex C of the sector is at a distance  $c_0$  from the origin and  $\theta$  is the angle subtended at C by the two bounding lines, one of which coincides with one of the new axes. The two parameter function  $W(c_0, \theta)$  is related to the T and V functions as follows.

(19) 
$$T(c_0 \sin \theta, \cot \theta) + W(c_0, \theta) = \frac{1}{2} - \frac{1}{2}F(c_0 \sin \theta), \qquad 0 \leq \theta \leq \pi/2$$
  
(20)  $V(c_0 \sin \theta, c_0 \cos \theta) - W(c_0, \theta) = -\frac{1}{4} - \theta/2\pi + \frac{1}{2}F(c_0 \sin \theta), \qquad 0 \leq \theta \leq \pi/2.$ 

Ruben gave a series expansion for  $W(c_0, \theta)$  similar to the series expansions given by Owen and Nicholson for T(h, a) and  $V(h, \lambda h)$ , respectively. Ruben also obtained a continued fraction expansion for  $W(c_0, \theta)$ .

Pólya's inequalities and approximation for the bivariate integral. At the first Berkeley Symposium held in 1945 and 1946, Pólya [10] presented a paper in which he gave three results related to the bivariate normal integral. He defined a function R(h,k) which is related to the V function as

(21) 
$$R(h,k) = V(h,k) - \frac{1}{2} \int_0^h f(x) dx + (1/2\pi) \arctan(h/k)$$

and obtained an enveloping divergent series for R(h, k) when h, k > 0. This essentially reproduces an expansion first given by Sheppard [11]. Note that the function R(h, k) of formula (21) is the same as function  $W(c_0, \theta)$  defined earlier.

Pólya also obtained inequalities (bounds) for  $L(h, k; \rho)$  and gave an approximation for  $L(a, a'; b, b'; \rho) = \int_a^b \int_{a'}^{b'} f(x, y; \rho) dx dy$ .

\*3. Generalization of the tetrachoric series. Kendall [57] discussed the generalization of the tetrachoric series to more than two variables and gave explicit results for the case of three variables. (See (23) below.) A generalization similar to Kendall's [57] but for the density function was given by Kibble [21]. Using a term by term integration of Kibble's series, Somerville [42] evaluated the multivariate normal integral for the case of equal correlation. Kibble's generalization of Mehler's theorem [26] gives the standardized multivariate normal density function as

(22) 
$$f(x_1, x_2, \dots, x_n; \{\rho_{ij}\}) = \frac{1}{(2\pi)^{n/2}} \exp\left(-\frac{1}{2} \sum_{i=1}^n x_i^2\right) \cdot \sum_{r=0}^{\infty} \left\{ \frac{1}{r!} \sum_{i=1}^r C\rho_{ij} \rho_{kl} \cdot \dots \cdot H_{h_1}(x_1) \cdot \dots \cdot H_{h_n}(x_n) \right\}.$$

For the summation inside the curly brackets on the right hand side of (22) we have the Conditions (i) the number of the  $\rho$ 's is r; (ii) the summation is over all different sets  $i, j, k, l, \cdots$  from 1 to n subject only to the condition  $i \neq j, k \neq l$ : (iii) C is the number of possible permutations of  $\rho_{il}$ ,  $\rho_{kl}$ ,  $\cdots$ ; that is  $C = r!/(p! \ q! \cdots)$  if p of the  $\rho$ 's have the same pair of subscripts i, j; q have another pair and so on; and (iv)  $h_t$  is the total number of times t occurs among the subscripts  $i, j, k, \cdots$ . We will now state Kendall's result for the integral for the case of three variables, viz.

(23) 
$$\int_{h_{1}}^{\infty} \int_{h_{2}}^{\infty} \int_{h_{3}}^{\infty} f(x, y, z; \{\rho_{ij}\}) dx dy dz = \sum \frac{\rho_{12}^{j} \rho_{23}^{k} \rho_{13}^{l}}{j! \ k! \ l!} [H_{j+k-1}(h_{1})f(h_{1})H_{j+l-1}(h_{2})f(h_{2})H_{k+l-1}(h_{3})f(h_{3})].$$

Moran [61] gave the tetrachoric expansion for four variables similar to above for the case when all the lower limits are equal to zero. His result is

$$\int_{0}^{\infty} \int_{0}^{\infty} \int_{0}^{\infty} \int_{0}^{\infty} f(x_{1}, x_{2}, x_{3}, x_{4}; \{\rho_{ij}\}) dx_{1} dx_{2} dx_{3} dx_{4}$$

$$= \sum_{l,m,n,p,q,r=0}^{\infty} (-1)^{l+m+n+p+q+r} \frac{G_{l+m+n} G_{l+p+q} G_{m+p+r} G_{n+q+r}}{l! \ m! \ n! \ p! \ q! \ r!} \cdot \rho_{12}^{l} \rho_{13}^{m} \rho_{14}^{n} \rho_{23}^{p} \rho_{24}^{q} \rho_{34}^{r}$$

$$= \frac{1}{16} + (1/8\pi)(\rho_{12} + \rho_{13} + \rho_{14} + \rho_{23} + \rho_{24} + \rho_{34}) + (1/4\pi^{2})(\rho_{12} \rho_{34} + \rho_{13} \rho_{24} + \rho_{14} \rho_{23}) + \cdots$$
In (24),  $G_{0} = \frac{1}{2}$  and

$$G_s = 0$$
 if s is even, 
$$= (2m)!(-i)/((2\pi)^{\frac{1}{2}}2^m(m!))$$
 if s is odd and equal to  $2m + 1$ .

**4.** The trivariate normal integral. The evaluation of the trivariate integral in terms of tetrachoric series expansion as given by Kendall [57] is stated under the generalizations of tetrachoric series expansions above (see (23)) in this paper. It is well known that the tetrachoric series expansions for the multivariate normal integral converge only very slowly for high values of  $|\rho_{ij}|$ .

Owen [8] briefly discussed the evaluation of the trivariate integral for the general case (particular cases of the trivariate, are discussed above and below) and gave the formula for the standardized trivariate normal integral as follows:

(25) 
$$\int_{-\infty}^{s} \int_{-\infty}^{k} \int_{-\infty}^{h} f(x, y, z; \{\rho_{ij}\}) dx dy dz = \int_{-\infty}^{s} f(z) B\left(\frac{k - \rho_{23} z}{(1 - \rho_{23}^{2})^{\frac{1}{2}}}, \frac{h - \rho_{13} z}{(1 - \rho_{13}^{2})^{\frac{1}{2}}}; \frac{\rho_{12} - \rho_{13} \rho_{23}}{(1 - \rho_{13}^{2})^{\frac{1}{2}}(1 - \rho_{23}^{2})^{\frac{1}{2}}}\right) dz$$

where

(26) 
$$B(h, k; \rho) = \frac{1}{2\pi (1 - \rho^2)^{\frac{1}{2}}} \int_{-\infty}^{h} \int_{-\infty}^{k} \exp\left[-\frac{1}{2}(x^2 - 2\rho xy + y^2)/(1 - \rho^2)\right] dx dy.$$

The conditional distribution of x and y given z being a bivariate normal with appropriate means and covariance matrix leads to (25). Steck [40] expresses the trivariate integral of (25) in terms of the univariate normal integral, the T function of Owen and the S(h, a, b) function defined by

(27) 
$$S(h, a, b) = \int_a^b T(as, b) f(s) ds.$$

For h > 0, a > 0, b > 0,  $S(h, a, b) - (1/4\pi)$  arc  $\tan(b(1 + a^2 + b^2)^{-\frac{1}{2}})$  is the probability that three independent standardized normal variables will lie in the region between the planes x = 0, x - bz = 0, y = 0 and y = h and beyond the planes  $z - ay = 0 (z \ge ay)$ . Steck discussed the evaluation of the trivariate normal integral and gave properties of and relations among the functions used. Steck's function S(m, a, b) is tabulated to seven decimal places for a = 0(.1)2(.2)5(.5)8, b = .1(.1)1. The range of values of m decreases from 0(.1)1.5,  $\infty$  for a = 0(.1)1.2 to 0(.1).3,  $\infty$  for a = 6(.5)8.

The result for the trivariate integral over the infinite cube  $[0 \le x < \infty, 0 \le y < \infty, 0 \le z < \infty]$  with faces parallel to the coordinate planes is given by David [53] as follows:

$$\int_{0}^{\infty} \int_{0}^{\infty} \int_{0}^{\infty} f(x, y, z; \{\rho_{ij}\}) dx dy dz$$

$$= \frac{2\pi - \arccos \rho_{12} - \arccos \rho_{13} - \arccos \rho_{23}}{4\pi}$$

$$= \frac{2\pi - 3 \arccos \rho}{4\pi} \quad \text{if} \quad \rho_{12} = \rho_{23} = \rho_{13} = \rho.$$

The latter function corresponding to the case when all the correlations are equal is tabulated by Ruben [63] as  $\bar{u}_3(x)$ , with  $x = 1/\rho = 2(1)12$ . Ruben's excellent table (Table I, [63]) gives  $\bar{u}_n(x)$ , the relative surface content of regular hyperspherical simplices, with dimensionality n = 1(1)50 and primary bounding angles  $\cos^{-1}(-1/x)$  from which we can obtain the probability that all the n equally correlated variables are positive.

Plackett [32] obtained a reduction formula for  $\Phi_n(a_1, a_2, \dots, a_n; \{\rho_{ij}\}) = \Pr\{x_1 > a_1, x_2 > a_2, \dots, x_n > a_n\}$  which allows  $\Phi_3$  to be expressed as finite sums of single integrals of tabulated functions. Plackett's method for n = 3 gives

$$\Phi_{3}(P) = \Pr \left\{ x_{1} > a_{1}, x_{2} > a_{2}, x_{3}^{*} > a_{3} \right\}$$

$$+ \frac{1}{2\pi} \int_{\text{arc }\cos\rho_{2}3}^{\text{arc }\cos\rho_{2}3} \exp \left\{ -(a_{2}^{2} + a_{3}^{2} - 2a_{2} a_{3} \cos\theta) / 2 \sin^{2}\theta \right\}$$

$$\cdot \Phi_{1} \left\{ \frac{(a_{1} - \rho_{12} a_{2} - \rho_{13} a_{3}) + (\rho_{13} a_{2} + \rho_{12} a_{3}) \cos\theta - a_{1} \cos^{2}\theta}{\sin\theta (1 - \rho_{12}^{2} - \rho_{13}^{2} + 2\rho_{12} \rho_{13} \cos\theta - \cos^{2}\theta)^{\frac{1}{2}}}; 1 \right\} d\theta$$

where  $x_3^* = \{(\rho_{13} - \rho_{12}\rho_{23}^*)x_1 + (\rho_{23}^* - \rho_{12}\rho_{13})x_2\}/(1 - \rho_{12}^2) \text{ and } \rho_{23}^* = \rho_{12}\rho_{13} \pm \{(1 - \rho_{12}^2)(1 - \rho_{13}^2)\}^{\frac{1}{2}}.$ 

Das's [15] reduction is applicable to the trivariate case if the correlations are such that their joint product is positive and each one is numerically greater than the product of the other two. In this case Das's reduction gives

(30) 
$$\Phi_{3} = \frac{1}{2\pi} \int_{-\infty}^{\infty} \left[ \prod_{i=1}^{3} \Phi_{1} \left\{ a_{i} + z \sum_{i=1}^{3} b_{i} \right\} \right] f(z) dz$$

where  $b_i$ 's are the solutions of

(31) 
$$b_i b_j / ((1 + b_i^2)^{\frac{1}{2}} (1 + b_j^2)^{\frac{1}{2}}) = \rho_{ij} \qquad (i, j = 1, 2, 3, i \neq j)$$

and  $\Phi_1(x) = 1 - F(x)$ .

Moran's [27] reduction formula covers the special case when  $a_1 = a_2 = \cdots$   $a_n = 0$ . The formulae of Ihm [19] and John [20] do not lead to any computationally simple results for the trivariate case.

## 5. Probability integral for special cases of the correlation matrix. Let

(32) 
$$F_n(h_1, h_2, \dots, h_n; \{\rho_{ij}\}) = \int_{-\infty}^{h_1} \int_{-\infty}^{h_2} \dots \int_{-\infty}^{h_n} f(x_1, x_2, \dots, x_n; \{\rho_{ij}\}) dx_1 \dots dx_n.$$

If the correlation matrix  $\{\rho_{ij}\}$  of the  $x_i$ 's has the structure  $\rho_{ij} = \alpha_i \alpha_j (i \neq j)$  where  $-1 \leq \alpha_i \leq +1$ , then these variates  $X_i$  can be generated from n+1 independent standard normal variates  $Z_1, Z_2, \dots, Z_n$ ; Y by the transformation

$$(33) X_i = (1 - \alpha_i)^{\frac{1}{2}} Z_i + \alpha_i Y$$

and it follows that

(34) 
$$F_n(h_1, h_2, \dots, h_n; \{\rho_{ij}\}) = \int_{-\infty}^{\infty} \left[ \prod_{i=1}^n F\left(\frac{h_i - \alpha_i y}{(1 - \alpha_i^2)^{\frac{1}{2}}}\right) \right] f(y) dy.$$

The relation (34) was obtained by Dunnett and Sobel [169] and in a more generalized form by Das [15]. For some special cases it is also given by Moran [27], Ruben [63], Gupta [17], Stuart [43] and Ihm [19]. It appears to be periodically and independently rediscovered. If  $\rho_{ij} = \rho$  for all i, j, then (34) reduces to

(35) 
$$F_n(h, h, \dots, h; \{\rho\}) = \int_{-\infty}^{\infty} F^n[(h + \rho^{\frac{1}{2}}y)/(1 - \rho)^{\frac{1}{2}}]f(y) dy.$$

For given n, h and  $\rho$ , a table of the above integral has been completed by Gupta [18] and parts of it are given as Table II at the end of this paper. It should be noted that

(36) 
$$F_n(0,0,\cdots,0;\{\rho\}) = \int_{-\infty}^{\infty} F^n \{y[\rho/(1-\rho)]^{\frac{1}{2}}\} f(y) \, dy$$
$$= 1/(n+1) \quad \text{if} \quad \rho = \frac{1}{2}.$$

The integrals in (36) can be evaluated in closed form for n = 1, 2, and 3 and have been given above in Equations (6) and (28) for n = 2 and 3, respectively. For n = 1, the value of the integral is equal to one-half.

The integral in (35) has also been tabulated by Owen [30]. Owen's tables [Section 8.10 of the above reference] give this integral to 3D for n=2(1)8, h=-2.50(.10)3.00 and  $\rho=0,\frac{1}{4},\frac{1}{2}$  while in Section 8.11 the correlation  $\rho$  is equal to  $1/(1+n^{\frac{1}{2}})$  and the integral is tabulated to 5D for n=2(1)8 and h=-3.00(.10)3.00. Table II at the end of the present paper gives the integral to 5D for  $\rho=.1(.1).9$ ;  $\rho=\frac{1}{8}(\frac{1}{8})\frac{7}{8}$  and  $\rho=\frac{1}{3},\frac{2}{3}$ ; n=1(1)12 and h=-3.50(.10)3.50.

Integrals (34) and (35) can be evaluated easily by Gauss-Hermite and other methods of quadrature. Gupta [17] tabulated and discussed the evaluation of (35) for  $\rho = \frac{1}{2}$  and also gave the solution in  $h' = 2^{4}h$  for a given value  $1 - \alpha$  of  $F_n$ . The percentage points h are given for n = 1(1)50 for  $\alpha = .01$ , .025, .05, .10, .25 in Table I. For large n the Cornish-Fisher method was used to derive the percentage points. The values of these percentage points are in agreement with the values of Bechhofer [71] for n = 1(1)9 which were based on some computations of the probability integral made by Teichroew [82]. The integral in (35) is also the probability integral of the largest of n correlated normal variates with equal correlation  $\rho$ . It is easy to show (see for example, [43]) that for the case of equal correlation  $\rho \ge -1/(n-1)$ .

Removing the restriction on Y in (33) to be uncorrelated with  $Z_i$ 's and writing (33) as

(37) 
$$Z_i = (X_i - \delta_i Y)/(1 - \delta_i^2)^{\frac{1}{2}}, \quad \delta_i = \text{cov}(X_i, Y),$$

Curnow and Dunnett [14] have found some reduction formulae for the integral of the type (32). For the case  $\rho_{ij} = \gamma_i/\gamma_j$  where  $|\gamma_i| < |\gamma_j|$  (i < j), the repeated application of their result reduces an *n*-dimensional integral to one over either n/2 (n even) or (n-1)/2 (n odd) d mensions. We quote their results for n=4. The reduced integral is

(38) 
$$\int_{-\infty}^{h_2} F\left(\frac{h_1 - \gamma_1 y/\gamma_2}{(1 - \gamma_1^2/\gamma_2^2)^{\frac{1}{2}}}\right) \left[\int_{-\infty}^{h_4'} F\left(\frac{h_3' - \gamma_3' z/\gamma_4'}{(1 - \gamma_3'^2/\gamma_4'^2)^{\frac{1}{2}}}\right) f(z) dz\right] f(y) dy,$$

where  $\gamma_i' = (\gamma_i^2 - \gamma_2^2)^{\frac{1}{2}}$  and  $h_i' = (h_i - \rho_{2i}y)/(1 - \rho_{2i}^2)^{\frac{1}{2}}$ , i = 3, 4. Note that the outer integral in (38) does not have upper limit  $\infty$ .

Steck and Owen [41] also studied the case of equicorrelated multivariate normal distribution and showed that the relation (35) is also true for negative  $\rho$  even though the integral and on the right hand side is complex. But for computation purposes in this case Steck and Owen [41] suggest the following relation proved by them [41].

(38a) 
$$F_n(x;\rho) = \sum_{k=1}^n (-1)^{k+1} \binom{n}{k} F_k(\alpha_n x; \rho_n) F_{n-k}(x; \rho)$$

where  $\alpha_j^2 = (1 - \rho)/[1 + (j - 1)\rho][1 + (j - 2)\rho]$ ,  $(j = 1, 2, \dots, n)$  and  $\rho_n = -\rho/[1 + (n-2)\rho]$ .

## 6. Probability that all the variables have the same sign. Let

$$(39) F_n^0 = \Pr\{x_1 \le 0, x_2 \le 0, \cdots, x_n \le 0\} = \Pr\{x_1 \ge 0, x_2 \ge 0, \cdots, x_n \ge 0\}$$

where, as before, the x's follow a standardized multivariate normal distribution with correlation matrix  $\{\rho_{ij}\}$ . A recurrence relation (earlier given by Schläfli [65] in connection with the area of a simplex on the surface of a sphere in n dimensions) has been given for  $F_n^0$  by David [53]. For n odd this relation is

$$(40) F_n^0 = \frac{1}{2} [1 - \sum_{i=1}^{n} F_1^0 + \sum_{i=1}^{n} F_2^0 + \dots + (-1)^{n-1} \sum_{i=1}^{n} F_{n-1}^0]$$

where  $F_j^0$  represents the probability that j of the x's are positive and the summation in  $\sum F_j^0$  extends over all  $\binom{n}{j}$  combinations. Now it is known [11], [203] that

(41) 
$$F_2^0 = \frac{1}{4} + \arcsin \rho / 2\pi$$

(this result can be obtained by actual integration, see remark after Equation (36)) so that

(42) 
$$F_3^0 = \frac{1}{8} + (1/4\pi) \left( \arcsin \rho_{12} + \arcsin \rho_{13} + \arcsin \rho_{23} \right)$$
(an alternative form to that of (23)

If we know  $F_4^0$ ,  $F_6^0$ ,  $\cdots$ , we can get  $F_5^0$ ,  $F_7^0$ ,  $\cdots$ , by using the formula (40). However, no closed form expressions are available for  $F_4^0$ ,  $F_6^0$ ,  $\cdots$ . An expansion

for  $F_4^0$  [61] based on the generalization of the tetrachoric series and stated earlier is

(43) 
$$F_4^0 = \frac{1}{16} + (1/8\pi) \sum_{i=j} \rho_{ij} + (1/4\pi^2) \sum_{i,j,k,l} \rho_{ij}\rho_{kl} + \cdots$$

The series in (43) converges only slowly if  $\rho_{ij}$  are not small. Also the terms are not all positive. Thus there is a need for developing (see David [53]) quickly converging series for  $F_n^0$  for n even and  $\rho$  large. Using the relationship between  $\Phi_4^0(\equiv F_4^0)$  and the functions  $f(\alpha, \beta, \gamma)$  of Schläfli which were computed by him, Plackett [32] gives a table of  $\Phi_4^0$  for the case when  $\rho_{13} = \rho_{14} = \rho_{24} = 0$ . Plackett's approximation for  $F_4^0$  is

(44) 
$$F_4^0 \simeq -\frac{1}{8} + (1/4\pi^2) \left\{ \arccos\left(-\rho_{12}\right) \arccos\left(-\rho_{34}\right) + \arccos\left(-\rho_{13}\right) \arccos\left(-\rho_{24}\right) + \arccos\left(-\rho_{14}\right) \arccos\left(-\rho_{23}\right) \right\}.$$

On expanding and ignoring terms of order  $\rho^3$  and higher, (44) gives the first three terms of (43).

Ruben derived expressions for and tabulated the relative surface content  $\bar{u}_{\beta}(x) = \bar{v}_{\beta\beta}(x)$  of regular hyperspherical simplices with dimensionality  $\beta$  and primary bounding angles  $\cos^{-1}(-1/x)$ . If all the correlations are equal to 1/x, the tables of  $\bar{u}_{\beta}(x)$  given by Ruben for x = 2(1)12 and  $\beta = 1(1)49$  provide the probabilities  $F_n^0$ . Explicitly

(45) 
$$F_n^0 = \bar{u}_n(x) \quad \text{if} \quad \rho_{ij} = 1/x \quad \text{for all} \quad i, j.$$

It should be pointed out here that the moments of the extreme order statistc in a sample from a normal population can be expressed in terms of the surface contents of regular hyperspherical simplices (see Ruben [63]).

McFadden [25] suggests an approximation based on a generalization of Pólya's urn scheme. He shows that it is not very satisfactory unless the  $\rho_{ij}$  are very small or very nearly equal. When all the correlations are equal to  $\rho$ , then the urn scheme is precisely that of Pólya and McFadden's approximation becomes

(46) 
$$F_n^0 = ((1-r)/2r)_n/((1-r)/r)_n,$$

where  $r = (2/\pi)$  arc sin  $\rho$  and  $(a)_n = \Gamma(a+n)/\Gamma(a)$ . Using formula (46) for n = 4, McFadden constructed a table for  $1/\rho = 2(1)12$  and found that the best agreement takes place when  $\rho$  is small. He also found that for a given  $\rho$  the approximation (46) grows worse as n increases.

McFadden also discussed the problem of evaluation of the quadrivariate ntegral in greater detail in [59], [60]. By a special transformation of Moran's tetrachoric series for  $F_4^0$ , McFadden gave an approximation for  $F_4^0$  for the case of equal correlations  $\rho$  which is

(47) 
$$F_4^0 \simeq \frac{1}{16} + \frac{3}{4\pi} \phi + \frac{1}{4\pi^2} \frac{\phi^2(3+5\phi)}{(1+\phi)(1+2\phi)}$$

where  $\phi = \arcsin \rho$ ,  $(-\arcsin \frac{1}{3} \le \phi \le \pi/2)$ , which is more accurate than the approximation for this case obtained by the urn scheme. The error in this approximation increases with  $\rho$  and equals 0.000008 at  $\rho = \frac{1}{2}$  and 0.001 at  $\rho = 1$ .

In another paper [60] McFadden derives two new expansions for the quadrivariate normal integral  $F_4^0$ , the first one for the case where  $\rho_{13} = \rho_{12}\rho_{23}$ ;  $\rho_{14} = \rho_{12}\rho_{23}\rho_{34}$ ;  $\rho_{24} = \rho_{22}\rho_{34}$  and the second one being applicable when  $\rho_{13} = \rho_{14} = \rho_{24} = 0$ . These expansions are series in powers of  $\rho_{23}$ , the coefficients being products of polynomials in  $\rho_{12}$  and in  $\rho_{34}$ . They are well suited for computation according to the author.

Sondhi [67] has derived an approximate closed expression for  $F_4^0$  when all the correlations are equal. His formula gives 5 decimal place accuracy for  $.5 \le \rho \le 1$ , thus providing a complement to McFadden's (47). This approximation is

$$(47a) \quad F_4^0(\rho) \simeq \frac{1}{2} - \frac{3\phi}{2\pi^2} \left( \frac{\pi}{2} + \sin^{-1} \frac{1}{3} \right) + \frac{3\phi^3}{\pi^2 8^{\frac{1}{2}}} \left( \frac{1}{3^6} + \phi^2 \frac{(ac - b)\phi^2 - ab}{c\phi^2 - b} \right)$$

where  $\phi = \cos^{-1} \rho$ , a = 23/(5!48), b = 3727/(7!1152), c = 3320309/(9!82944). [On recomputing the constants Steck [68] found that the numerator of c should be 3,364,929.]

Sondhi [63] also derived the relation

(47b) 
$$F_4^0 \left( \frac{-\rho}{1+2\rho} \right) + F_4^0(\rho) = \frac{1}{8} + \frac{3}{4\pi} \left[ \sin^{-1}\rho - \sin^{-1}\left(\frac{\rho}{1+2\rho}\right) \right] + \frac{3}{2\pi^2} \sin^{-1}\rho \sin^{-1}\left(\frac{\rho}{1+2\rho}\right)$$

from which one can obtain  $F_4^0(\rho)$  for the range  $-\frac{1}{3} \leq \rho \leq 0$  as well.

In a recent paper [68] Steck has given a very good review of results pertaining to orthant probabilities in the equicorrelated case. Steck has proved the following results:

(47c) 
$$\tilde{F}_n(\rho) = F_n^0(-\rho/\{1 + (n-2)\rho\}) = \sum_{k=0}^n \beta_k(n) (\cos^{-1}\rho)^k$$

where  $\beta_k(n)$  are tabulated for some values of k and n. This result can be used for computing the orthant probabilities for negative values of  $\rho$ .

(47d) 
$$F_4^0(\rho) \simeq \frac{1}{16} + \frac{3}{4\pi} \left( 1 + \frac{1}{\pi} \right) \sin^{-1} \rho - \frac{3^{\frac{1}{2}}}{4\pi^2} V(\rho)^{-1},$$

$$F_4^0(\rho) \simeq \frac{1}{16} + \frac{3}{4\pi} \left( 1 + \frac{25}{24\pi} \right) \sin^{-1} \rho$$

$$- \frac{3^{\frac{1}{2}}}{4\pi^2} \left( \frac{85}{72} \right) V(\rho) + \frac{1}{16\pi^2} \left( 1 - U(\rho) - \frac{\rho U(\rho)}{3(1+2\rho)} \right),$$

where  $V(\rho) = \cosh^{-1} 2 - \cosh^{-1} \{(2 + \rho)/(1 + 2\rho)\}$  and  $U(\rho) = (1 - \rho^2)^{\frac{1}{2}}/(1 + 2\rho)$ . The errors in using (47d) and (47e) have been discussed by Steck.

Steck [68] has also derived a Gram-Charlier Type A Series for  $F_n(x; \rho)$  and computed the coefficients  $\Psi_k(n)k = 0(1)4$ , n = 2(1)50, in the following series for the special case of orthant probabilities at x = 0.

(47f) 
$$F_n^0(\rho) = \frac{1}{2} - ((1-\rho)/2\pi)^{\frac{1}{2}} \sum_{k=0}^{\infty} (-1)^k (1-\rho)^k \Psi_k(n).$$

This series is useful for  $\rho$  near its positive and negative extremes. Using the above series Steck [68] has computed  $F_n^0(\rho)$  for  $\rho = .5(.1).9$  and n = 2(1).50 and has made some comparisons with the general tables of Gupta [18] parts of which appear in this paper.

In the course of some work on the variance of Spearman's  $\rho$  in normal samples, David and Mallows [54] made a comparative study of the many methods proposed for the evaluation of the positive quadrant of the quadrivariate normal integral and found Plackett's method [32] as the most useful one. David and Mallows [54] have given twenty-four evaluations of the special cases, most of them new and have demonstrated how Plackett's method can be used to obtain quickly convergent series.

Another special case is where the inverse of the covariance matrix,  $A = (a_{ij})$  is such that

$$a_{ij} = \begin{cases} 2 & \text{if } i = j \\ -1 & \text{if } i - j = \pm 1 \\ 0 & \text{otherwise.} \end{cases}$$

In this case Anis and Lloyd [46] have proved that

$$(48) F_n^0 = 1/(n+1)^{3/2}.$$

- 7. Integrals in higher dimensions. Not very much has been done on the evaluation of multivariate normal integrals in higher dimensions over domains of the type  $[-\infty < x_1 \le h_1, -\infty < x_2 \le h_2, \cdots, -\infty < x_n \le h_n]$ . Even for the case of four variables the results are applicable only to special cases. As n, the number of variables, increases the number of correlations, which is equal to  $\binom{n}{2}$ , increases rapidly. The following remarks may summarize the situation for the general case.
- (1) The integral can be expressed as an infinite series in powers of the correlations (generalization of tetrachoric series of bivariate). This is done by expressing (formally) the density as the inverse of the characteristic function and then carrying out the integration. This has been discussed by Aitken [13], Kendall [57] and Moran [61] among others. This series expansion, however, is not very suitable for computation if  $\rho_{ij}$  are large because the series then converges only very slowly.
- (2) Plackett [32] gives a method of reduction which is as follows. For fixed  $a_1$ ,  $a_2$ ,  $\cdots$ ,  $a_n$ , the function  $\Phi_n = \Pr\{x_1 > a_1, x_2 > a_2, \cdots, x_n > a_n\}$  can be regarded as a function of the point P with coordinates  $\{\rho_{ij}\}$  in a space of  $\binom{n}{2}$  dimensions and denoted by  $\Phi_n(P)$ . By integrating the differential element  $d\Phi_n$  along the line KP where K is a point with coordinates  $\{\kappa_{ij}\}$  and the value of  $\Phi(K)$  is available or easily computable, Plackett [32] obtains

(49) 
$$\Phi_n(P) = \Phi_n(K) + \sum_{i < j} \int_{\kappa_{ij}}^{\rho_{ij}} \frac{\partial \Phi_n}{\partial \lambda_{ij}} (L) \ d\lambda_{ij}$$

where L with coordinates  $\{\lambda_{ij}(t)\}$  divides KP in the ratio t:1-t so that  $\lambda_{ij}(t)=t\rho_{ij}+(1-t)\kappa_{ij}$ . The line integrals on the right hand side of (49) have to be evaluated numerically. By setting  $\lambda_{ij}=\cos\theta_{ij}$ , the singularity at the lower limit is avoided and the labor of computations is shortened. If R(t) is the matrix with unit diagonal elements and non-diagonal elements  $\{\lambda_{ij}(t)\}$ , then by choosing R(0) to be a matrix of rank (n-1) with all but one of its correlation coefficients the same as those of R(1)(R(0)) corresponds to R(1) and R(1) corresponds to R(1), the second term on the right hand side of (49) is only a single integral. Sometimes this may be a desirable way of choosing R(1) choosing R(1) is always possible to do this. Plackett's method of reduction is theoretically applicable to all R(1) dimensional normal integrals but it is quite laborious to apply it for large R(1).

(3) Methods of reduction for many special cases have already been mentioned. Ihm [19] discusses the numerical evaluation of an n-fold integral of a multivariate normal with covariance matrix as the sum of a diagonal matrix D and the product of a row vector with its transpose. The integral I can be written as

(50) 
$$I = [c/(2\pi)^{\frac{1}{3}}] \int_{-\pi}^{\infty} e^{-c^2\tau^2/2} I(\tau) d\tau$$

when  $I(\tau)$  (with covariance matrix D) is easy to compute. John [20] obtains a formula for evaluating probability integrals in n dimensions if those of (n-1) are available. His method depends on evaluating the density of the minimum of the random variables X which are distributed  $N(y, \Sigma)$ . This gives a simple result only if all the correlations are equal.

(4) Ruben [33], [37] discusses the evaluation of the probability contents of regions R under a spherical normal distribution. The transformation that carries the ellipsoidal normal into the spherical normal changes this type of regions (intervals) into polyhedral cones.

A result concerning  $\Phi_n(a_1, a_2, \dots, a_n; \{\rho_{ij}\})$ .

Theorem (Slepian). Let  $X_1$ ,  $X_2$ ,  $\cdots$ ,  $X_n$  be normal with zero means and covariance matrix  $\{\rho_{ij}\}$  and let  $Y_1$ ,  $Y_2$ ,  $\cdots$ ,  $Y_n$  be normal with zero means and covariance matrix  $\{\kappa_{ij}\}$ . Let  $\rho_{ii} = \kappa_{ii} = 1$ ,  $i = 1, 2, \cdots, n$ . If  $\rho_{ij} \geq \kappa_{ij}$ ,  $i, j = 1, 2, \cdots, n$ , then

$$\Pr[X_1 > a_1, X_2 > a_2, \dots, X_n > a_n] \ge \Pr[Y_1 > a_1, Y_2 > a_2, \dots, Y_n > a_n],$$
 i.e.

$$(51) \Phi_n(a_1, a_2, \dots, a_n; \{\rho_{ij}\}) \ge \Phi_n(a_1, a_2, \dots, a_n; \{\kappa_{ij}\}).$$

PROOF. By writing the density function  $f_n$  as the inverse of the characteristic function, it is easy to verify that if  $\{\rho_{ij}\}$  is non-singular

(52) 
$$\frac{\partial f_n/\partial \rho_{ij}}{\partial \rho_{ij}} = \frac{\partial^2 f_n/\partial x_i \partial x_j}{\partial x_i}$$

$$= \int_{a_1}^{\infty} dx_1 \int_{a_2}^{\infty} dx_2 \cdots \int_{a_n}^{\infty} dx_n \frac{\partial^2 f_n}{\partial x_1 \partial x_2}$$

$$= \int_{a_1}^{\infty} dx_3 \int_{a_4}^{\infty} dx_4 \cdots \int_{a_n}^{\infty} dx_n f_n(a_1, a_2, x_3, \cdots, x_n; \{\rho_{ij}\}) \ge 0,$$

and similarly

(54) 
$$\partial \Phi_n / \partial \rho_{ij} \ge 0, \qquad i \ne j.$$

If  $\{\kappa_{ij}\}$  is non-singular, set

(55) 
$$\gamma_{ij} = \lambda \rho_{ij} + (1 - \lambda) \kappa_{ij}$$

then,  $\{\gamma_{ij}\}\$  is also positive definite for all  $\lambda$  satisfying  $0 \le \lambda \le 1$ .

(56) 
$$d\Phi_n/d\lambda = \sum_{i < j} (\partial \Phi_n/\partial \gamma_{ij}) (d\gamma_{ij}/d\lambda) = \sum_{i < j} (\partial \Phi_n/\partial \gamma_{ij}) (\rho_{ij} - \kappa_{ij})$$

and if  $\rho_{ij} \geq \kappa_{ij}$ ,  $\partial \Phi_n/d\lambda \geq 0$  since  $\partial \Phi_n/\partial \rho_{ij} \geq 0$ .

Integrating on  $\lambda$  from 0 to 1, we get the required result.

Bounds on  $\Phi_n$ . Bounds on  $\Phi_n$  may be set by using the above result. For example, if  $\rho_{\text{max}}$  and  $\rho_{\text{min}}$  denote the maximum and minimum values of the correlations, and if  $\rho_{\text{min}}$  is non-negative, then both the upper and lower bounds on the function  $\Phi_n$  can be obtained in terms of integrals of the type given in Equation (34). If  $a_1 = a_2 = \cdots = a_n = a$ , we have

$$(57) \int_{-\infty}^{\infty} F^{n} \left( \frac{(\rho_{\min})^{\frac{1}{2}} x - a}{(1 - \rho_{\min})^{\frac{1}{2}}} \right) f(x) dx \leq \Phi_{n} \leq \int_{-\infty}^{\infty} F_{n} \left( \frac{(\rho_{\max})^{\frac{1}{2}} x - a}{(1 - \rho_{\max})^{\frac{1}{2}}} \right) f(x) dx.$$

If at least one of the  $\rho_{\min}$  and  $\rho_{\max}$  is non-negative, we can get easily computable one-sided bound on  $\Phi_n$ . The integrals of the type in (57) have been evaluated for selected values of  $\rho$ , a and n and are given in Table II. This table is excerpted from a bigger table of the probability integrals of the equally correlated normal variables [18].

8. Multivariate analogue of Student's t-distribution. Consider the joint distribution of n variates  $t_i = z_i/s (i = 1, 2, \dots, n)$ , the  $z_i$  having a non-singular multivariate normal distribution with zero means, common unknown variance  $\sigma^2$  and known correlation matrix  $\{\rho_{ij}\}$  while  $\nu s^2/\sigma^2$  has a  $\chi^2$ -distribution with  $\nu$  degrees of freedom and is distributed independently of the  $z_i$ 's.

The joint density of the  $t_i$  can be obtained from the joint density of the  $z_i (i = 1, 2, \dots, n)$  and s by integrating out s. This joint density function is (See Dunnett and Sobel [168])

(58) 
$$g_{\nu}(t_1, t_2, \dots, t_n; \{\rho_{ij}\}) = \frac{A^{\frac{1}{2}} \Gamma((n+\nu)/2)}{(\nu\pi)^{n/2} \Gamma(\nu/2)} \left[1 + \frac{1}{\nu} \sum_{i,j} a_{ij} t_i t_j\right]^{-(n+\nu)/2}$$

where A is the determinant of the positive definite matrix  $\{a_{ij}\} = \{\rho_{ij}\}^{-1}$ . As  $\nu \to \infty$ , (58) approaches the standardized n-variate normal density function with correlation matrix  $\{\rho_{ij}\}$ . For n=1, it reduces to Student's t-distribution. Thus it may be considered as a multivariate analogue of Student's t-distribution.

The multivariate analogue of t-distribution arises very naturally in multiple decision problems concerned with the selection and ranking of population means of the (n + 1) normal populations. The correlations of the normal variables in

this case are all equal, one important case being that when they are all equal to half.

Dunnett and Sobel [168] considered the bivariate t and derived series expansions for the integral and equi-coordinate percentage points of this distribution. They tabulated the probability integral and the percentage points of bivariate t for  $\rho = .5$  and -.5 for  $\nu = 1(1)30(3)60(15)120, 150, 300, 600, <math>\infty$ . In the case  $\rho = \pm \frac{1}{2}$ , they evaluated the integral

(59) 
$$P = \int_{-\infty}^{h} \int_{-\infty}^{h} \frac{1}{\pi(3)^{\frac{1}{2}}} \left\{ 1 + \frac{4(x^2 \mp xy + y^2)}{3\nu} \right\}^{-\frac{1}{2}(\nu+2)} dx \, dy, \quad -\operatorname{if} \rho = +\frac{1}{2} + \frac{1}{2} + \frac{1}{2}$$

and for given P solved for the equi-coordinate percentage point h. In a subsequent paper Dunnett and Sobel [169] derived approximations (which are also lower bounds) to the probability integral of the t for the special structure of the correlation matrix with  $\rho_{ij} = b_i b_j$ .

In general we are interested in evaluating the probability integral

(60) 
$$G_{\nu}(h_1, h_2, \dots, h_n; \{\rho_{ij}\}) = \int_{-\infty}^{h_1} \int_{-\infty}^{h_2} \dots \int_{-\infty}^{h_n} g_{\nu}(t_1, t_2, \dots, t_n; \{\rho_{ij}\}) dt_1 dt_2 \dots dt_n$$

or in obtaining an inverse solution for a given value of  $G_{\nu}$ .

The evaluation of  $G_r$  in the special case when  $\rho_{ij} = \rho = \frac{1}{2}(i \neq j)$  has been studied by Gupta [17] and by Gupta and Sobel [172]. It was shown by Gupta [17] that for the case where  $h_1 = h_2 = \cdots = h_n = h$  the probability integral of  $y = (x_{[n]} - x)/s$  where  $x_{[n]}$  is the largest of n independent identical normal chance variables  $x_1, x_2, \cdots, x_n$ ; x is another normal chance variable with the same mean  $\mu$  and same variance  $\sigma^2$  as  $x_1, x_2, \cdots, x_n$  and  $s^2$  is distributed as  $\chi^2 \sigma^2 / \nu$  independent of  $x, x_1, x_2, \cdots, x_n$ , is related to the probability integral of t.

The relationship between the distribution of the multivariate t and the statistic y is

(61) 
$$\int_{-\infty}^{h} \int_{-\infty}^{h} \cdots \int_{-\infty}^{h} g_{\nu}(t_{1}, t_{2}, \cdots, t_{n}; \{\frac{1}{2}\}) dt_{1} dt_{2} \cdots dt_{n} = \Pr \{ y \leq 2^{\frac{1}{2}} h \}.$$

Some percentage points h of the multivariate t are also tabulated by Dunnett [170] for n = 2(1)10. The correlation matrix  $\{\frac{1}{2}\}$  has a simple inverse and the density function  $g_r$  for this case is

(62) 
$$g_{\nu}(t_{1}, t_{2}, \dots, t_{n}; \{\frac{1}{2}\}) = \left[2^{n/2} \Gamma\left(\frac{\nu+n}{2}\right) / \Gamma\left(\frac{\nu}{2}\right) \left(\frac{\pi\nu}{2}\right)^{n/2} (n+1)^{\frac{1}{2}}\right] \cdot \left[1 + \frac{2n}{\nu(n+1)} \left\{\Sigma t_{i}^{2} - \frac{2}{n} \sum_{i < j} t_{i} t_{j}\right\}\right]^{-\frac{1}{2}(\nu+n)}.$$

For a fixed n let  $G_{\nu}(u)$  denote the probability integral

$$\int \int \cdots \int g_{\nu}(t_1, t_2, \cdots, t_n; \{\frac{1}{2}\}) dt_1 dt_2 \cdots dt_n,$$

where each integral runs from  $-\infty$  to  $u(\nu/2)^{\frac{1}{2}}$ , then it can be shown that  $G_{\nu}(u)$  satisfies

(63) 
$$u(dG_{\nu}(u)/du) + \nu[G_{\nu}(u) - G_{\nu+2}(u)] = 0$$

which is Hartley's differential-difference equation [201], for the probability integral of a general class of statistics known as Studentized statistics. We then desire a solution of (63) in terms of powers of  $1/\nu$  and such that when  $\nu$  goes to infinity  $G_{\nu}(u)$  reduces to the corresponding integral for the known  $\sigma$  case. Using Hartley's solution, an expansion for  $G_{\nu}(u)$  in powers of  $\nu^{-1}$  can be obtained as follows.

$$G_{\nu}(u/\nu^{\frac{1}{2}}) = I_{0}(u) + (1/4\nu)[u^{2}\{I_{2}(u) - I_{0}(u)\} - uI_{1}(u)]$$

$$+ (1/16\nu^{2})[(u^{4}/2)\{3I_{0}(u) - 6I_{2}(u) + I_{4}(u)\} - (u^{3}/3)$$

$$\{I_{3}(u) - 3I_{1}(u)\} - (u^{2}/2)\{I_{2}(u) - I_{0}(u)\} + (u/2)I_{1}(u)\} + O(\nu^{-3}),$$

where

(65) 
$$I_j(u) = \int_{-\infty}^{\infty} F^n(x+u) f(x) x^j dx.$$

As remarked earlier, the integrals of the type (65) can be easily computed by Gauss-Hermite quadrature so that the probability integral of this special multivariate t can be computed. Edgeworth type expansions and Cornish-Fisher expansion can also be applied with reasonable accuracy. For some further details and tables of the percentage points see [17] and [172].

We shall now discuss the evaluation of the multivariate t integral when  $\rho_{ij} = \rho > 0 (i \neq j)$ . In this case the multivariate t density function can be written as

$$g_{\nu}(t_{1}, t_{2}, \cdots, t_{n}; \{\rho\})$$

$$= [1 + (n-1)\rho]^{-\frac{1}{2}}\Gamma(\frac{1}{2}(\nu+n))/[(\nu\pi)^{\frac{1}{2}n}\Gamma(\frac{1}{2}\nu)(1-\rho)^{\frac{1}{2}(n-1)}]$$

$$\cdot [1 + \{\nu[\{1 + (n-1)\rho\}(1-\rho)]\}^{-1}\{[1 + (n-2)\rho]\Sigma t_{i}^{2} - 2\rho\sum_{i < j} t_{i}t_{j}\}]^{-\frac{1}{2}(\nu+n)}.$$

The integral  $G_{\nu}(h, h, \dots, h; \{\rho\})$  corresponding to the above density can also be looked on as the probability integral of the statistic  $[(1 - \rho)^{\frac{1}{2}}x_{[n]} - \rho^{\frac{1}{2}}x]/s$  where  $x_{[n]}$ , x and s have the same meaning as given earlier in this Section. This relationship is

$$G_{\nu}(h,h,\cdots,h;\{\rho\}) = \Pr\left\{ \left[ (1-\rho)^{\frac{1}{2}} x_{\{n\}} - \rho^{\frac{1}{2}} x \right] / s \leq h \right\} = \int_{0}^{\infty} h_{\nu}(\chi)$$

$$\left[ \int_{-\infty}^{\infty} F^{n} \left( \frac{h\chi}{[\nu(1-\rho)]^{\frac{1}{2}}} + \left( \frac{\rho}{1-\rho} \right)^{\frac{1}{2}} x \right) f(x) \, dx \right] d\chi$$

$$= \left( \frac{1-\rho}{\rho} \right)^{\frac{1}{2}} \int_{0}^{\infty} h_{\nu}(\chi) \left[ \int_{-\infty}^{\infty} F^{n}(u) f\left( \left( \frac{1-\rho}{\rho} \right)^{\frac{1}{2}} u - \frac{h\chi}{(\nu\rho)^{\frac{1}{2}}} \right) du \right] d\chi$$

where  $h_{\nu}(\chi)$  is the chi-density corresponding to  $\nu$  degrees of freedom for the  $\chi^2$ -distribution. Equation (67) is thus a generalization of the case  $\rho = \frac{1}{2}$  discussed in [17], [172]. The evaluation of the double integral in (67) can be carried out by first evaluating the integral in square brackets for those  $\chi$  which are the zeros of Laguerre polynomials (and using a Gauss-Hermite method) and then evaluating the integral with respect to  $\chi$  by using the Gauss-Laguerre method of integration. For  $\rho = \frac{1}{2}$ , the integral in the square bracket in (67) can be evaluated by expanding the function f about h = 0. This leads to a power series in  $\chi$  in which the coefficients are the moments of the largest order statistic in a sample from a standardized normal population. A term by term integration of this series gives the required expansion which is good if h is small (see reference [172]). It should be remarked, however, that in the general case the expansion of the function f about h = 0 does not give the coefficients of the series as moments of the largest order statistic from a standard normal population.

Another expansion is derived by expanding the function f in (67) about  $s = \sigma$  (i.e., about  $\chi = \nu^{\dagger}$ ), obtaining

$$G_{\nu}(h,h,\dots,h;\{\rho\}) = \left(\frac{1-\rho}{\rho}\right)^{\frac{1}{2}} \int_{-\infty}^{\infty} h_{\nu}(\chi) \left[\int_{0}^{\infty} F^{n}(u) f\left(\left(\frac{1-\rho}{\rho}\right)^{\frac{1}{2}} u\right) du + \sum_{j=1}^{\infty} \frac{h^{j}(\chi-\nu^{\frac{1}{2}})^{j}}{j! \nu^{j/2} \rho^{j/2}} \int_{-\infty}^{\infty} F^{n}(u) f\left(\left(\frac{1-\rho}{\rho}\right)^{\frac{1}{2}} u - \frac{h}{\rho^{\frac{1}{2}}}\right) du + \sum_{j=1}^{\infty} \frac{h^{j}(\chi-\nu^{\frac{1}{2}})^{j}}{j! \nu^{j/2} \rho^{j/2}} \int_{-\infty}^{\infty} F^{n}(u) f\left(\left(\frac{1-\rho}{\rho}\right)^{\frac{1}{2}} u - \frac{h}{\rho^{\frac{1}{2}}}\right) du + \sum_{j=1}^{\infty} \frac{h^{j}E(\chi-\nu^{\frac{1}{2}})^{j}}{j! \nu^{j/2} \rho^{j/2}} \int_{-\infty}^{\infty} F^{n}\left(\left(\frac{\rho}{1-\rho}\right)^{\frac{1}{2}} y + \frac{h}{(1-\rho)^{\frac{1}{2}}}\right) f(y) H_{j}(y) dy.$$

By collecting terms containing  $\nu^{-\frac{1}{2}}$ ,  $\nu^{-1}$  ..., we get an expansion for the probability integral of t in powers of  $\nu^{-\frac{1}{2}}$ . If integrals of the type occurring inside the summation sign in (68) are evaluated, then using the known values  $E(\chi - \nu^{\frac{1}{2}})^j$ , we can compute the integral by using a suitable number of terms in the above series.

A discussion of the evaluation of the probability integrals of the multivariate t with some useful recurrence relations and some statistical applications of the distribution is given by John [179].

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Table I. For given values of  $\alpha$  and n this table gives the values of h (equal

TABLE I Upper 100  $\alpha$  percentage points of the maximum of n equally correlated standard normal variates with correlation  $\rho=\frac{1}{2}$ 

	_		α		
n	.01	.025	.05	.10	.25
1	2.326	1.960	1.645	1.282	.675
$\frac{2}{3}$	2.558	2.212	1.916	1.577	1.014
3	2.685	2.350	2.064	1.735	1.189
4	<b>2.772</b>	2.442	2.160	1.838	1.306
5	2.837	2.511	2.233	1.916	1.391
6	2.889	2.567	2.290	1.978	1.458
4 5 6 7 8	2.933	2.613	2.340	2.029	1.514
8	2.970	2.652	2.381	2.072	1.560
9	3.002	2.686	2.417	2.109	1.601
10	3.031	2.716	2.448	2.142	1.636
11	3.057	2.743	2.477	2.172	1.667
12	3.079	2.768	2.502	2.180	1.696
13	3.100	2.790	2.525	2.222	1.724
14	3.120	2.810	2.546	2.244	1.745
15	3.138	2.829	2.565	2.264	1.767
16	3.154	2.846	2.583	2.283	1.787
17	3.170	2.863	2.600	2.301	1.805
18	3.185	2.878	2.616	2.317	1.823
19	3.198	2.892	2.631	2.332	1.839
20	3.211	2.906	2.645	2.347	1.854
21	3.223	2.918	2.658	2.361	1.869
22	3.235	2.930	2.671	2.374	1.883
23	3.246	2.942	2.683	2.386	1.896
24	3.257	2.953	2.694	2.392	1.908
25	3.268	2.964	2.705	2.409	1.920
26	3.276	2.973	2.715	2.420	1.931
27	3.286	2.983	2.725	2.430	1.942
28	3.295	2.993	2.735	2.440	1.953
29	3.303	3.001	2.744	2.450	1.963
30	3.312	3.010	2.753	2.459	1.972
31	3.319	3.018	2.761	2.467	1.982
32	3.327	3.026	2.770	2.476	1.990
33	3.335	3.034	<b>2.777</b>	2.484	1.999
34	3.342	3.041	2.785	2.492	2.007
35	3.349	3.048	2.792	2.500	2.015
36	3.355	3.055	2.800	2.507	2.023
37	3.362	3.062	2.807	2.514	2.031
38	3.368	3.069	2.813	2.521	2.038
39	3.374	3.075	2.820	2.528	2.045
40	3.380	3.081	2.826	2.535	2.052
41	3.386	3.087	2.833	2.541	2.059
42	3.392	3.093	2.839	2.547	2.065
43	3.398	3.099	2.845	2.553	2.072
44	3.403	3.105	2.850	2.559	2.078
45	3.408	3.110	2.856	2.565	2.084
46	3.413	3.115	2.861	2.571	2.090
47	3.417	3.120	2.867	2.576	2.095
48	3.423	3.126	2.872	2.582	2.101
49	3.428	3.131	2.877	2.587	2.107
50	3.433	3.135	2.882	2.592	2.112

coordinate 100  $\alpha$  percentage points) for which

$$1 - \alpha = \frac{1}{(2\pi)^{n/2}} \int_{-\infty}^{h} \int_{-\infty}^{h} \cdots \int_{-\infty}^{h} \exp\left[-\frac{1}{2}\mathbf{x}' \, \boldsymbol{\Sigma}^{-1} \, \mathbf{x}\right] dx_{1} \, dx_{2} \, \cdots \, dx_{n}$$

$$= \int_{-\infty}^{\infty} F^{n}(z + h2^{\frac{1}{2}}) f(z) \, dz$$

where

 $\mathbf{X}' = (X_1, X_2, \dots, X_n)$  follow a joint *n*-variate normal distribution with zero means and covariance matrix  $\Sigma$ ,

$$\Sigma = \begin{cases} 1 & \frac{1}{2} & \cdots & \frac{1}{2} \\ \frac{1}{2} & 1 & \cdots & \frac{1}{2} \\ & & \cdots \\ \frac{1}{2} & \frac{1}{2} & \cdots & 1 \end{cases}, \qquad \Sigma^{-1} = \frac{2n}{(n+1)} \begin{cases} 1 & -\frac{1}{n} & \cdots & -\frac{1}{n} \\ -\frac{1}{n} & 1 & \cdots & -\frac{1}{n} \\ & & \cdots & \\ -\frac{1}{n} & -\frac{1}{n} & \cdots & 1 \end{cases}$$

and where F and f refer to the cumulative distribution function and the density of a standard normal chance variable, respectively.

**Table II.** For given values of  $(\rho \ge 0)$  N and H this table gives the values of the integral

$$F_N(H;\rho) = \int_{-\infty}^{\infty} F^N\left(\frac{x\rho^{\frac{1}{2}} + H}{(1-\rho)^{\frac{1}{2}}}\right) f(x) \ dx$$

which is the probability that each of the N standardized normal random variables with equal correlations  $\rho$  will not exceed H. In the integrand above, F and f denote the cumulative distribution function and the density of a standard normal random variable, respectively.

Note that  $F_N(H; \rho)$  also gives the probability that the maximum of a set of n equally correlated standardized normal random variables does not exceed H or the probability that the minimum of this set exceeds -H.

Probability that N standard normal random variables with common correlation  $\rho$  are simultaneously less than or equal to H.

<u></u>	·			······						•		<del> </del>
4	1	2	3	4	5	6	7	8	9	10	11	12
- н												
3.50	.00023	.00000	.00000	•00000	•00000	.00000	•00000	• 00000	•00000	•00000	•00000	•00000
3.40	.00034 .00048	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000
3.20	.00069	•00000	•00000	•00000	•00000	•00000	•00000	•00000	•00000	•00000	•00000	.00000
3.10	•00097	•00000	•00000	•00000	•00000	•00000	•00000	• 00000	.00000	•00000	•00000	•00000
3.00 2.90	.00135 .00187	.00000	.00000	.00000	•00000	•00000	.00000	•00000	.00000	•00000	.00000	.00000
2.80	.00256	.00002	•00000	•00000	•00000	.00000	•00000	• 00000	•00000	•00000	•00000	•00000
2.70	•00347	.00003	•00000	•00000	•00000	•00000	•00000	• 00000	•00000	•00000	•00000	.00000
2.60 2.50	•00466 •00621	.00005 .00008	.00000	•00000	•00000	•00000	•00000	•00000	•00000	•00000	•00000	•00000
2.40	.00820	•00013	•00000	•00000	•00000	•00000	•00000	• 00000	•00000	•00000	•00000	•00000
2.30	.01072	.00022	.00001	•00000	•00000	•00000	•00000	.00000	•00000	•00000	.00000	.00000
2.20	•01390 •01786	.00035	.00001 .00003	•00000	•00000	.00000	.00000	•00000	.00000	•00000	•00000	•00000
2.00	.02275	·00087	•00005	•00000	•00000	•00000	•00000	• 00000	•00000	•00000	•00000	.00000
1.90	.02872	.00134	•00009	•00001	•00000	•00000	•00000	• 00000	•00000	•00000	•00000	•00000
1.30	•03593 •04457	.00202	.00016 .00028	•00002 •00003	•00000 •00001	.00000	•00000	• 00000 • 00000	•00000	•00000	•00000	•00000
1.60	.05480	.00440	.00048	.00007	•00001	•00000	•00000	.00000	•00000	•00000	.00000	•00000
1.50	•06681	.00633	.00079	.00012	•00002	•00000	•00000	•00000	•00000	•00000	.00000	•00000
1.40	•08076 •09680	.00899 .01256	.00129	.00023	•00005 •00009	.00001	•00000	.00000	.00000	•00000	•00000	•00000
1.20	11507	.01729	.00203	•00071	•00018	.00002	•00001	.00000	•00000	•00000	•00000	•00000
1.10	.13567	.02344	•00491	.00120	•00033	.00010	.00004	• 00001	.00001	•00000	•00000	•00000
1.00	• 15866 • 18406	.03132	.00736 .01082	.00199 .00322	.00061 .00107	.00020	.00007 .00015	.00003 .00006	.00001	•00001	.00000	•00000
0.80	.21186	.05355	.01559	.00510	.00183	.00037	•00030	.00013	.00006	•00003	.00002	•00001
0.70	.24196	•06854	.02204	.00786	•00306	•00128	.00057	.00027	.00013	.00007	•00004	•00002
0.60	•27425	.08653	•03057	.01186	.00497	.00223	•00106	• 00053	.00027	.00015	.00008	•00005 •00011
0.50	•30854 •3445 <b>8</b>	.10776 .13242	.04162	•01746 •02515	.00786 .01210	.00375	.00189	.00099	.00103	•00031 •00061	•00037	.00023
0.30	.38209	.16062	•07301	•03543	•01816	•00976	•00547	.00317	•00190	.00117	•00074	.00048
0.10	.42074	.19237 .22755	.09418	.04983 .06588	.02658 .03794	.01508	.00888 .01398	.00540 .00887	.00337 .00577	.00216 .00384	.00142	.00095
0.00	50000	26594	14891	.08709	• 05286	.02230			.00955	•00559	.00462	•00330
				•00.02	+ 0 3 L G 0	•03314	.02137	.01413	•00+33	•0000,	.00.02	
\ N	1											
/n	1	2	3	4	5	6	7	8	9	10	11	12
	1											
н	1											
н		2	3	4	5	6	7	8	9	10	11	12
	.50000 .53983							.01413	9	.00659	.00462	.00330
0.00 0.10 0.00	.50000 .53983 .57926	.26594 .30720 .35089	.14891 .18271 .22070	.08709 .11283 .14336	.05286 .07196 .09574	.03314 .04720 .06551	.02137 .03173 .04580	.01413 .02180 .03263	.00955 .01528 .02365	.00659 .01089 .01741	.00462 .00789 .01299	.00330 .00580 .00982
9.00 0.10 0.20 0.30	.50000 .53983 .57926 .61791	.26594 .30720 .35089 .39645	.14891 .18271 .22070 .26259	.08709 .11283 .14336	.05286 .07196 .09574 .12461	.03314 .04720 .06551 .08870	.02137 .03173 .04580 .06431	.01413 .02180 .03263	.00955 .01528 .02365 .03547	.00659 .01089 .01741 .02689	.00462 .00789 .01299	.00330 .00580 .00982
0.00 0.10 0.00	.50000 .53983 .57926	.26594 .30720 .35089	.14891 .18271 .22070	.08709 .11283 .14336	.05286 .07196 .09574	.03314 .04720 .06551	.02137 .03173 .04580	.01413 .02180 .03263	.00955 .01528 .02365	.00659 .01089 .01741	.00462 .00789 .01299	.00330 .00580 .00982
H 0.00 0.10 0.20 0.30 0.40 0.50 0.60	.50000 (.53983 .57926 .61791 .65542 .69146 .72575	2 •26594 •30720 •35089 •39645 •44327 •49068 •53802	.14891 .18271 .22070 .26259 .30791 .35605	.08709 .11283 .14336 .17875 .21889 .26340	.05286 .07196 .09574 .12461 .15877 .19820 .24261	.03314 .04720 .06551 .08870 .11724 .15141	.02137 .03173 .04580 .06431 .08795 .11722	.01413 .02180 .03263 .04741 .06692 .09186	9 .00955 .01528 .02365 .03547 .05157 .07277	.00659 .01089 .01741 .02689 .04020 .05823	.00462 .00789 .01299 .02063 .03167 .04701	.00330 .00580 .00982 .01601 .02519 .03827
H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70	.50000 .53983 .57926 .61791 .65542 .69146 .72575	.26594 .30720 .35089 .39645 .44327 .49068 .53802	.14891 .18271 .22070 .26259 .30791 .35605 .40625	.08709 .11283 .14336 .17875 .21889 .26340 .31173	.05286 .07196 .09574 .12461 .15877 .19820 .24261 .29145	.03314 .04720 .06551 .08870 .11724 .15141 .19122 .23642	.02137 .03173 .04580 .06431 .08795 .11722 .15244	.01413 .02180 .03263 .04741 .06692 .09186 .12276	9 .00955 .01528 .02365 .03547 .05157 .07277 .09979 .13310	.00659 .01089 .01741 .02689 .04020 .05823 .08180	.00462 .00789 .01299 .02063 .03167 .04701 .06758	.00330 .00580 .00982 .01601 .02519 .03827 .05622 .07995
H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.60	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .76814	2 .26594 .30720 .35089 .39645 .44327 .49068 .53802 .58461 .62984 .67313	.14891 .18271 .22070 .26259 .30791 .35605 .40625 .45769 .50948 .56074	.08709 .11283 .14336 .17875 .21889 .26340 .31173 .36310 .41659 .47120	.05286 .07196 .09574 .12461 .15877 .19820 .24261 .29145 .34393 .39906	.03314 .04720 .06551 .08870 .11724 .15141 .19122 .23642 .28641	7 .02137 .03173 .04580 .06431 .08795 .11722 .15244 .19360 .24039 .29216	.01413 .02180 .03263 .04741 .06692 .09186 .12276 .15990 .20320 .25226	9 .00955 .01528 .02365 .03547 .05157 .07277 .07277 .13310 .17289 .21899	.00659 .01089 .01741 .02689 .04020 .05823 .08180 .11159 .14799 .19105	.00462 .00789 .01299 .02063 .03167 .04701 .06758 .09417 .12737 .16744	.00330 .00580 .00580 .00982 .01601 .02519 .03827 .05622 .07995 .11019 .14738
H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .81594	2 • 26594 • 30720 • 35089 • 39645 • 44327 • 49068 • 53802 • 53861 • 62984 • 67313 • 71401	.14891 .18271 .22070 .26259 .30791 .35605 .40625 .45769 .50948 .56074	.08709 .11283 .14336 .17875 .21889 .26340 .31173 .36310 .41659 .47120	.05286 .07196 .09574 .12461 .15877 .19820 .24261 .29145 .34393 .39906 .45570	.03314 .04720 .06551 .08870 .11724 .15141 .19122 .23642 .28641 .34035	7 .02137 .03173 .04580 .06431 .08795 .11722 .15244 .19360 .24039 .29216	.01413 .02180 .03263 .04741 .06692 .09186 .12276 .15990 .20320 .25226	9 .00955 .01528 .02365 .03547 .05157 .07277 .09979 .13310 .17289 .21899 .21899	.00659 .01089 .01741 .02689 .04020 .05823 .08180 .11159 .14799 .19105	.00462 .00789 .01299 .02063 .03167 .04701 .06758 .09417 .12737 .16744	.00330 .00580 .00580 .00982 .01601 .02519 .03827 .05622 .07995 .11019 .14738
H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.60	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .76814	2 .26594 .30720 .35089 .39645 .44327 .49068 .53802 .58461 .62984 .67313	.14891 .18271 .22070 .26259 .30791 .35605 .40625 .45769 .50948 .56074	.08709 .11283 .14336 .17875 .21889 .26340 .31173 .36310 .41659 .47120	.05286 .07196 .09574 .12461 .15877 .19820 .24261 .29145 .34393 .39906	.03314 .04720 .06551 .08870 .11724 .15141 .19122 .23642 .28641	7 .02137 .03173 .04580 .06431 .08795 .11722 .15244 .19360 .24039 .29216	.01413 .02180 .03263 .04741 .06692 .09186 .12276 .15990 .20320 .25226	9 .00955 .01528 .02365 .03547 .05157 .07277 .07277 .13310 .17289 .21899	.00659 .01089 .01741 .02689 .04020 .05823 .08180 .11159 .14799 .19105	.00462 .00789 .01299 .02063 .03167 .04701 .06758 .09417 .12737 .16744	.00330 .00580 .00580 .00982 .01601 .02519 .03827 .05622 .07995 .11019 .14738
H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30	.50000 .53983 .57926 .61791 .65542 .69146 .725804 .78814 .81594 .81594 .84134 .86433 .88493	2 -26594 -30720 -35089 -39645 -44327 -49068 -53802 -53802 -62984 -67313 -71401 -75211 -78715 -81896	3 •14891 •18271 •22070 •26259 •30791 •35605 •40625 •45769 •50948 •56074 •61064 •65841 •70344 •74522	.08709 .11283 .14336 .17875 .21889 .26340 .31173 .36310 .41659 .47120 .52586 .57955 .63131	.05286 .07196 .09574 .12461 .15877 .19820 .24261 .29145 .34393 .39906 .45570 .51267 .56879 .62298	.03314 .04720 .06551 .08870 .11724 .15141 .19122 .23642 .28641 .34035 .39715 .45557 .51430	7 .02137 .03173 .04580 .06431 .08795 .11722 .15244 .19360 .24039 .29216 .34794 .40653 .46657 .52664	.01413 .02180 .03263 .04741 .06692 .09186 .12276 .15990 .20320 .25226 .30628 .36416 .48600	9 .00955 .01528 .02365 .03547 .05157 .07277 .09979 .13310 .17289 .21899 .27080 .32738 .38744 .44951	10 .00659 .01089 .01741 .02689 .04020 .05823 .08180 .11159 .14799 .19105 .24041 .29528 .35451 .41664	.00462 .00789 .01299 .02063 .03167 .04701 .06758 .09417 .12737 .16744 .21424 .26716 .32518	.00330 .00580 .00982 .01601 .02519 .03827 .05622 .07995 .11019 .14738 .19159 .24241 .29898
H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.30 1.40	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .84134 .84134 .86433 .88493 .90320	2 -26594 -30720 -35089 -39645 -44327 -49068 -53802 -58461 -62984 -67313 -71401 -75211 -78715 -81896 -84747	3 .14891 .18271 .22070 .26259 .30791 .35605 .40625 .45769 .50948 .56074 .61064 .65841 .70344 .74522 .78340	.08709 .11283 .14336 .17875 .21889 .26340 .31173 .36310 .41659 .47120 .52586 .57955 .63131 .68034 .72597	.05286 .07196 .09574 .12461 .15877 .19820 .24261 .29145 .34393 .39906 .45570 .56879 .62298 .67430	.03314 .04720 .06551 .08870 .11724 .15141 .19122 .23642 .28641 .34035 .39715 .45557 .51430 .57205 .62764	7 .02137 .03173 .04580 .06431 .08795 .11722 .15244 .19360 .24039 .29216 .34794 .40653 .46657 .52664	8  .01413 .02180 .03263 .04741 .06692 .09186 .15290 .20320 .25226 .30628 .36416 .42456 .48650 .54698	9 .00955 .01528 .02365 .03547 .05157 .07277 .09979 .13310 .17289 .21899 .27080 .32738 .38744 .44951 .51200	10 .00659 .01089 .01741 .02689 .04020 .05823 .08180 .11159 .14799 .19105 .24041 .29528 .35451 .41664 .48004	.00462 .00789 .01299 .02063 .03167 .04701 .06758 .09417 .12737 .16744 .21424 .26716 .32518 .38693 .45078	.00330 .00580 .00580 .00982 .01601 .02519 .03827 .05622 .07995 .11019 .14738 .19159 .24241 .29898 .36002 .42393
H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.20 1.30	.50000 .53983 .57926 .61791 .65542 .69146 .725804 .78814 .81594 .81594 .84134 .86433 .88493	2 -26594 -30720 -35089 -39645 -44327 -49068 -53802 -53802 -62984 -67313 -71401 -75211 -78715 -81896	3 •14891 •18271 •22070 •26259 •30791 •35605 •40625 •45769 •50948 •56074 •61064 •65841 •70344 •74522	.08709 .11283 .14336 .17875 .21889 .26340 .31173 .36310 .41659 .47120 .52586 .57955 .63131	.05286 .07196 .09574 .12461 .15877 .19820 .24261 .29145 .34393 .39906 .45570 .51267 .56879 .62298	.03314 .04720 .06551 .08870 .11724 .15141 .19122 .23642 .28641 .34035 .39715 .45557 .51430	7 .02137 .03173 .04580 .06431 .08795 .11722 .15244 .19360 .24039 .29216 .34794 .40653 .46657 .52664	.01413 .02180 .03263 .04741 .06692 .09186 .12276 .15990 .20320 .25226 .30628 .36416 .48600	9 .00955 .01528 .02365 .03547 .05157 .07277 .09979 .13310 .17289 .21899 .27080 .32738 .38744 .44951	10 .00659 .01089 .01741 .02689 .04020 .05823 .08180 .11159 .14799 .19105 .24041 .29528 .35451 .41664	.00462 .00789 .01299 .02063 .03167 .04701 .06758 .09417 .12737 .16744 .21424 .26716 .32518	.00330 .00580 .00982 .01601 .02519 .03827 .05622 .07995 .11019 .14738 .19159 .24241 .29898
H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.90 1.00 1.20 1.30 1.40 1.50 1.60 1.70	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .84134 .84134 .86433 .88493 .90320 .91924 .93319 .94520	26594 30720 35089 39645 44327 49068 53802 58461 62984 67313 71401 78715 81896 84747 87272 89480 91387	3 .14891 .18271 .22070 .26259 .30791 .35605 .40625 .45769 .50948 .56074 .61064 .65841 .70344 .74522 .78340 .81779 .84831 .87503	.08709 .11283 .14336 .17875 .21889 .26340 .31173 .36310 .41659 .47120 .52586 .57955 .63131 .68034 .72597 .76774 .80534	.05286 .07196 .07196 .09574 .12461 .15877 .19820 .24261 .29145 .34393 .39906 .45570 .51267 .56879 .62298 .67430 .72199 .76552 .80458	.03314 .04720 .06551 .08870 .11724 .15141 .19122 .23641 .34035 .39715 .45557 .51430 .57205 .62764 .68007 .72855 .77255	7 .02137 .03173 .04580 .06431 .08795 .11722 .15244 .19360 .24039 .29216 .34794 .40657 .52664 .58538 .64155	8 .01413 .02180 .03263 .04741 .06692 .09186 .12276 .15920 .25226 .30628 .36416 .42456 .48600 .54698 .66209 .71402	9 .00955 .01528 .02365 .03547 .05157 .07277 .09979 .13310 .17289 .27080 .32738 .38744 .44951 .51200 .57335 .63215	10 .00659 .01089 .01741 .02689 .04020 .05823 .08180 .11159 .19105 .24041 .29528 .35451 .41664 .48004 .54307 .60415	.00462 .00789 .01299 .02063 .03167 .04701 .06758 .09417 .16744 .21424 .26716 .32518 .38693 .45078 .51501 .57792	.00330 .00580 .00580 .00982 .01601 .02519 .03827 .05622 .07995 .11019 .14738 .19159 .24241 .29898 .36002 .42393 .48895 .55331
H 0.00 0.10 0.20 0.30 0.40 0.50 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543	26594 30720 35089 39645 44327 49068 538461 62984 67313 71401 75211 78715 81896 84747 87272 89480 91387 93016	.14891 .18271 .22070 .26259 .30791 .35605 .40625 .45769 .50948 .61064 .65841 .74522 .78340 .81779 .84831 .87503 .89811	.08709 .11283 .14336 .17875 .21889 .26340 .31173 .36310 .41659 .47120 .52586 .57955 .63131 .68034 .72597 .76774 .80534 .83868 .86777	.05286 .07196 .09574 .12461 .15877 .19820 .24261 .29145 .34393 .39906 .45570 .51267 .56879 .62430 .72199 .76552 .80458 .83902	03314 04720 06551 08870 11724 15141 19122 23641 34035 39715 45557 62764 68007 72855 77255	7 .02137 .03173 .04580 .06431 .08795 .11722 .15244 .19360 .24039 .29216 .34794 .40653 .46657 .52664 .58538 .64155 .69415 .74241 .78583	8  .01413 .02180 .03263 .04741 .06692 .09186 .12276 .15920 .25226 .30628 .36416 .42456 .48600 .54698 .60608 .66209 .71409 .76118	9 .00955 .01528 .02365 .03547 .05157 .07277 .09979 .13310 .17289 .21899 .27080 .32738 .38744 .44951 .51200 .57335 .63723 .63723	.00659 .01089 .01741 .02689 .04020 .05823 .08180 .11159 .19105 .24041 .29528 .35451 .41664 .48004 .54307 .664193 .71535	.00462 .00789 .01299 .02063 .03167 .04701 .06758 .09417 .12737 .16744 .21424 .26716 .32518 .38693 .45078 .51501 .57792 .63800	.00330 .00580 .00580 .00982 .01601 .02519 .03827 .05622 .07995 .11019 .14738 .19159 .24241 .29898 .36002 .42393 .48895 .55331 .61534
H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.90 1.00 1.20 1.30 1.40 1.50 1.60 1.70	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .84134 .84134 .86433 .88493 .90320 .91924 .93319 .94520	26594 30720 35089 39645 44327 49068 53802 58461 62984 67313 71401 78715 81896 84747 87272 89480 91387	3 .14891 .18271 .22070 .26259 .30791 .35605 .40625 .45769 .50948 .56074 .61064 .65841 .70344 .74522 .78340 .81779 .84831 .87503	.08709 .11283 .14336 .17875 .21889 .26340 .31173 .36310 .41659 .47120 .52586 .57955 .63131 .68034 .72597 .76774 .80534	.05286 .07196 .07196 .09574 .12461 .15877 .19820 .24261 .29145 .34393 .39906 .45570 .51267 .56879 .62298 .67430 .72199 .76552 .80458	.03314 .04720 .06551 .08870 .11724 .15141 .19122 .23641 .34035 .39715 .45557 .51430 .57205 .62764 .68007 .72855 .77255	7 .02137 .03173 .04580 .06431 .08795 .11722 .15244 .19360 .24039 .29216 .34794 .40657 .52664 .58538 .64155	8 .01413 .02180 .03263 .04741 .06692 .09186 .12276 .15920 .25226 .30628 .36416 .42456 .48600 .54698 .66209 .71402	9 .00955 .01528 .02365 .03547 .05157 .07277 .09979 .13310 .17289 .27080 .32738 .38744 .44951 .51200 .57335 .63215	10 .00659 .01089 .01741 .02689 .04020 .05823 .08180 .11159 .19105 .24041 .29528 .35451 .41664 .48004 .54307 .60415	.00462 .00789 .01299 .02063 .03167 .04701 .06758 .09417 .16744 .21424 .26716 .32518 .38693 .45078 .51501 .57792	.00330 .00580 .00580 .00982 .01601 .02519 .03827 .05622 .07995 .11019 .14738 .19159 .24241 .29898 .36002 .42393 .48895 .55331
H 0.00 0.10 0.20 0.30 0.40 0.50 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.10	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78614 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725	26594 30720 35089 39645 44327 49068 53862 62984 67313 71401 75211 78715 81896 84747 87272 89480 91387 91387 94390 95537 96483	.14891 .18271 .22070 .26259 .30791 .35605 .40625 .45769 .50948 .56074 .61064 .65841 .74522 .78340 .81779 .84831 .87831 .87831 .91777 .93431	.08709 .11283 .14336 .17875 .21889 .26340 .313173 .36310 .41659 .47120 .52586 .57955 .63131 .68034 .72597 .76774 .80534 .83868 .83968 .83868	.05286 .07196 .09574 .12461 .15877 .19820 .24261 .29145 .34393 .39906 .45570 .56879 .62298 .67430 .72199 .76552 .80458 .89449 .91601	.03314 .04720 .06551 .08870 .11724 .15141 .15141 .19122 .23642 .28641 .34035 .39715 .45557 .51430 .57205 .62764 .68007 .72855 .77255 .77255 .77257 .81174 .84607 .87663	7 .02137 .03173 .04580 .06431 .08795 .11722 .15244 .19360 .24039 .29216 .34794 .40653 .46657 .52664 .58538 .64155 .69415 .74241 .85743 .88580	8 .01413 .02180 .03263 .04741 .06692 .09186 .12276 .12276 .25226 .30628 .30628 .30628 .42456 .42456 .42456 .42456 .42456 .42600 .54698 .60608 .66209 .71402 .7618 .80317 .83986 .87135	9 .00955 .01528 .02365 .03547 .05157 .07277 .09979 .13310 .17289 .21899 .27080 .32738 .38744 .44951 .51200 .57335 .63215 .68722 .78302 .85729	.00659 .01089 .01741 .02689 .04020 .05823 .08180 .11159 .14799 .19105 .24041 .29528 .35451 .41664 .48004 .54307 .60415 .66193 .71535 .76367 .80646	.00462 .00789 .01299 .02063 .03167 .04701 .06758 .09417 .12737 .16744 .21424 .26716 .32518 .38693 .45078 .51501 .57792 .63800 .51501 .57792 .63800 .74507 .79058 .83032	.00330 .00580 .00580 .00982 .01601 .02519 .03827 .05622 .07995 .11019 .14738 .19159 .24241 .29898 .36002 .42393 .48895 .55331 .61336 .67365 .72718 .77520 .81738
H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.90 1.10 1.20 1.30 1.40 1.50 1.50 1.50 1.70 1.80 1.90 2.00	.50000 .53983 .57926 .61791 .65542 .69146 .78814 .81594 .84134 .86433 .88493 .90320 .91924 .93319 .94520 .95543 .96407 .97128	2 -26594 -30720 -35089 -39645 -44327 -49068 -53802 -53802 -62984 -67313 -71401 -75211 -78715 -81896 -84747 -87472 -89480 -91387 -93016 -94390 -95537 -96483 -97255	3 .14891 .18271 .22070 .26259 .30791 .35605 .40625 .45769 .56074 .61064 .65841 .70344 .74522 .78340 .81779 .84831 .87503 .89811 .91777 .93431	.08709 .11283 .14336 .17875 .21889 .26340 .31173 .36310 .41659 .47120 .52586 .57955 .63131 .68034 .72597 .76774 .80534 .80534 .80534 .80534 .806777 .89281 .91403	.05286 .07196 .09574 .12461 .12461 .129145 .34393 .39906 .45570 .51267 .56879 .62298 .67430 .72199 .76552 .86893 .83904 .839049 .91601 .93387	.03314 .04720 .06551 .08870 .11724 .15141 .19122 .23642 .23641 .34035 .39715 .45557 .51205 .62764 .68007 .72855 .77255 .81174 .84607 .87563 .90069 .92160	7 .02137 .03173 .04580 .06431 .08795 .11722 .15244 .19360 .24039 .29216 .34794 .40653 .46657 .52664 .58538 .64155 .74241 .78583 .82417 .85743 .88580 .90961	8 .01413 .02180 .03263 .04741 .06692 .09186 .15290 .20320 .25226 .30628 .30628 .306416 .42456 .42456 .66209 .71402 .76118 .80317 .83986 .87135	9 .00955 .01528 .02365 .03547 .05157 .07277 .09979 .13310 .17289 .27080 .32738 .38744 .44951 .51200 .57335 .63215 .68723 .73732 .82288 .85729 .88647	10 .00659 .01089 .01741 .02689 .04020 .05823 .08180 .11159 .14799 .19105 .24041 .29528 .35451 .48004 .58307 .60415 .66193 .71535 .76367 .80646 .84362 .87529	.00462 .00789 .01299 .02063 .03167 .04701 .06758 .09417 .12737 .16744 .21424 .26716 .32518 .38693 .45078 .57792 .63800 .69402 .74507 .79058 .83032 .86436	000330 000580 000982 01601 02519 03827 005622 07995 11019 14738 19159 24241 29898 36002 42393 48895 55331 61534 67365 72718 777520 81738
H 0.00 0.10 0.20 0.40 0.50 0.40 0.70 0.80 0.90 1.00 1.20 1.30 1.40 1.50 1.50 1.50 1.70 1.80 1.90 2.10 2.10 2.20 2.30 2.40	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .76814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .97128 .97128 .97128 .97128	2 -26594 -30720 -35089 -39645 -44327 -49068 -53802 -62984 -67313 -71401 -75211 -78715 -81896 -84747 -87272 -89480 -91387 -94390 -95537 -96483 -97255 -97877 -98374	.14891 .18271 .22070 .26259 .30791 .35605 .40625 .45769 .50948 .56074 .61064 .65841 .70344 .74522 .78340 .81779 .84831 .87501 .87501 .91777 .93431 .91777 .93431 .94806 .95933 .96848 .97580	.08709 .11283 .14336 .17875 .21889 .26340 .31173 .36310 .41659 .47120 .52586 .57955 .63131 .68034 .72597 .76774 .80534 .83868 .9143 .93179 .93179 .94645 .95839 .96800	.05286 .07196 .09574 .12461 .15877 .19820 .24261 .29145 .34393 .39906 .45570 .56879 .62298 .67430 .72199 .76552 .80458 .8	.03314 .04720 .06551 .08870 .11724 .15141 .19122 .23642 .28641 .34035 .39715 .45557 .51430 .57205 .62764 .68007 .72855 .77255 .77255 .81174 .84607 .87567 .87567 .89669 .992160 .93280 .95275	7 .02137 .03173 .04580 .06431 .08795 .11722 .15244 .19360 .24039 .29216 .34794 .40653 .46657 .52664 .58538 .64155 .69415 .74241 .85743 .82417 .85743 .88580 .90961 .92929	8 .01413 .02180 .03263 .04741 .06692 .09186 .12276 .12276 .25226 .30628 .30629 .71402 .30828	9 .00955 .01528 .02365 .03547 .05157 .07277 .09979 .13310 .17289 .21899 .27080 .32738 .38744 .44951 .51200 .57335 .63215 .68722 .78302 .85729	10 .00659 .01089 .01741 .02689 .04020 .05823 .08180 .11159 .14799 .19105 .24041 .29528 .35451 .48004 .58307 .60415 .66193 .71535 .76367 .80646 .84362 .87529 .90180	.00462 .00789 .01299 .02063 .03167 .04701 .06758 .09417 .12737 .16744 .21424 .26716 .32518 .38693 .45078 .51501 .57792 .63800 .51501 .57792 .63800 .74507 .79058 .83032 .86436 .89298	000330 000580 000982 001601 002519 003827 005622 007995 11019 14738 19159 24241 29898 36002 42393 48895 55331 667365 72718 77520 81738 85367 88431
H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.10 2.20 2.30 2.40 2.50	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .88433 .90320 .91924 .93319 .94520 .95543 .97725 .98214 .98610 .98828 .99379	2 26594 30720 35089 39645 44327 49068 53802 62984 67313 71401 75211 781896 84747 87272 89480 91387 93016 94390 95537 96483 97255 97877 98374	3 •14891 •18271 •22070 •26259 •30791 •35605 •40625 •50948 •56074 •61064 •65841 •70344 •74522 •78340 •81779 •84831 •87503 •89811 •91777 •93431 •94806 •95933 •96848 •97580 •98161	.08709 .11283 .14336 .17875 .21889 .26340 .31173 .36310 .41659 .47120 .52586 .57955 .63131 .68034 .72597 .76774 .80534 .80534 .80534 .80534 .80534 .80534 .80534 .80534 .80645 .93179 .93179 .9445 .95839 .96800 .97564	.05286 .07196 .09574 .12461 .12877 .19820 .24261 .29145 .34393 .39906 .45570 .51267 .56279 .67430 .72199 .76552 .80458 .83893 .89449 .91603 .94850 .96031	03314 04720 06551 08870 11724 15141 19122 23642 23642 34035 39715 45557 51430 62764 68007 72855 77255 81174 84607 87563 990160 93880 95275 96391	7 .02137 .03173 .04580 .06431 .08795 .11722 .15244 .19360 .24039 .29216 .34794 .40653 .46657 .52664 .58538 .64155 .74241 .78583 .82417 .85743 .88580 .99961 .92929 .94530	8  .01413 .02180 .03263 .04741 .06692 .09186 .12976 .12926 .25226 .30628 .36416 .42456 .42456 .6209 .71402 .76118 .80317 .83986 .87135 .89791 .91795	9 .00955 .01528 .02365 .03547 .05157 .07277 .09979 .13310 .17289 .27080 .32738 .38744 .51200 .57335 .63215 .68723 .73702 .82288 .85729 .88647 .91079	10 .00659 .01089 .01741 .02689 .04020 .05823 .08180 .11159 .14799 .19105 .24041 .29528 .35451 .29528 .35451 .48004 .54307 .60415 .66193 .715367 .80646 .84362 .87529 .90180 .92363	.00462 .00789 .01299 .02063 .03167 .04701 .06758 .09417 .12737 .16744 .21424 .26716 .32518 .32518 .45078 .51792 .63800 .69402 .74507 .79058 .83032 .86436 .89298 .91662 .93583	000330 000580 000982 01601 02519 03827 05622 07995 11019 14738 19159 24241 29898 42393 48895 55331 61534 67365 72718 77520 81738
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H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.10 2.20 2.30 2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.60 2.70 2.80	.50000 .53983 .57926 .61791 .65542 .69146 .725804 .78814 .81594 .81594 .84134 .86433 .88433 .894320 .91924 .93319 .94520 .95543 .96407 .97128 .97721 .98610 .98928 .99379 .99379 .99533 .99533	2 26594 30720 35089 39645 44327 49068 53802 62984 67313 71401 75211 781896 84747 87272 89480 91387 93016 94390 95537 96483 97255 97877 98374	3 •14891 •18271 •22070 •26259 •30791 •35605 •40625 •50948 •56074 •61064 •65841 •70344 •74522 •78340 •81779 •84831 •87503 •89811 •91777 •93431 •94806 •95933 •96848 •97580 •98161	.08709 .11283 .14336 .17875 .21889 .26340 .31173 .36310 .41659 .47120 .52586 .57955 .63131 .68034 .72597 .76774 .80534 .80534 .80534 .80534 .80534 .80534 .80534 .80534 .80645 .93179 .93179 .9445 .95839 .96800 .97564	.05286 .07196 .09574 .12461 .12877 .19820 .24261 .29145 .34393 .39906 .45570 .51267 .56279 .67430 .72199 .76552 .80458 .83893 .89449 .91603 .94850 .96031	03314 04720 06551 08870 11724 15141 19122 23642 23642 34035 39715 45557 51430 62764 68007 72855 77255 81174 84607 87563 990160 93880 95275 96391	7 .02137 .03173 .04580 .06431 .08795 .11722 .15244 .19360 .24039 .29216 .34794 .40653 .46657 .52664 .58538 .64155 .74241 .78583 .82417 .85743 .88580 .99961 .92929 .94530	8  .01413 .02180 .03263 .04741 .06692 .09186 .12976 .12926 .25226 .30628 .36416 .42456 .42456 .6209 .71402 .76118 .80317 .83986 .87135 .89791 .91795	9 .00955 .01528 .02365 .03547 .05157 .07277 .09979 .13310 .17289 .27080 .32738 .38744 .51200 .57335 .63215 .68723 .73702 .82288 .85729 .88647 .91079	10 .00659 .01089 .01741 .02689 .04020 .05823 .08180 .11159 .14799 .19105 .24041 .29528 .35451 .29528 .35451 .48004 .54307 .60415 .66193 .715367 .80646 .84362 .87529 .90180 .92363	.00462 .00789 .01299 .02063 .03167 .04701 .06758 .09417 .12737 .16744 .21424 .26716 .32518 .32518 .45078 .51792 .63800 .69402 .74507 .79058 .83032 .86436 .89298 .91662 .93583	000330 000580 000982 01601 02519 03827 05622 07995 11019 14738 19159 24241 29898 42393 48895 55331 61534 67365 72718 77520 81738
H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.50 1.40 1.50 1.50 1.50 1.50 1.20 2.10 2.20 2.30 2.40 2.50 2.50 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.8	.50000 .53983 .57926 .61791 .65542 .69146 .76814 .76814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214 .98214 .98218 .99180 .99379 .99533 .99653	2 26594 30720 35089 39645 44327 49068 53802 58461 62984 67313 71401 78715 81896 84747 87272 89489 91387 93016 94390 95537 96483 97255 97877 98374 98746 99072 99309 99491	3 14891 18271 22070 26259 30791 35605 40625 45769 457694 656074 61064 65841 70344 74522 78340 81779 84831 87503 89811 91777 93431 94806 95933 96848 97580 98161 98616 98238 99248	08709 11283 114336 17875 21889 26340 31173 36310 52586 57955 63131 68034 72597 76774 83868 86777 891403 991403 991403 991403 991404 98164 98164 98164 98164	5 .05286 .07196 .09574 .12461 .15877 .19820 .24261 .29145 .393906 .45577 .56879 .6259 .67430 .72199 .72199 .78548 .83902 .86893 .89449 .91601 .93387 .94850 .96031 .97716 .98738 .997716	03314 04720 06551 08870 11724 15141 19122 23642 23643 34715 34715 34715 62764 68007 7285 77255 61174 84607 78753 90160 93880 95239 97273 97490 98894	7 02137 03173 04580 06431 08795 11722 15244 19360 24039 29216 34794 40653 46657 52664 58538 64155 67415 78241 78583 82417 88580 90961 92929 945316 96834 97630 98244	8  .01413 .02180 .03263 .04741 .06692 .09186 .12276 .129320 .25226 .30628 .36416 .42456 .48600 .54698 .60608 .61402 .76118 .80317 .83986 .87135 .87791 .91995 .937247 .96899 .97301 .97999 .98532	9 .00955 .01528 .02365 .03547 .05157 .07277 .09979 .13310 .32738 .38744 .44951 .51200 .57335 .63215 .63215 .63215 .63216 .78302 .8288 .85647 .91079 .93064 .95969 .97756 .98352	10 .00659 .01089 .01741 .02689 .04020 .05823 .08180 .11159 .29528 .35451 .41664 .48004 .54307 .60415 .76367 .76367 .80646 .84362 .87529 .90180 .92363 .94131 .95542 .97514 .98173	00462 00789 01299 02063 03167 047701 06758 09417 16744 21424 226716 32518 38693 45078 51501 57792 63800 69402 74507 779058 83032 84436 89298 91662 93583 95120 96332 97273	12 .00330 .00580 .00982 .01601 .02519 .03827 .05622 .07995 .11019 .14738 .19159 .24241 .29898 .36002 .42393 .48895 .55331 .61534 .67365 .72718 .77520 .81738 .85367 .88431 .99712 .94702 .946013 .97034 .97034 .97034
H 0.00 0.10 0.20 0.40 0.50 0.40 0.70 0.80 0.90 1.00 1.20 1.30 1.40 1.50 1.40 1.50 1.40 1.50 1.20 1.20 1.30 1.40 1.50 1.60 1.70 1.8	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .76814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .97725 .98214 .98610 .98928 .99180 .99180 .999533 .99653 .99653 .99653 .99813 .99813	2 -26594 -30720 -35089 -39645 -39645 -39645 -53802 -62984 -67313 -71401 -75211 -78715 -81896 -84747 -87272 -89480 -91387 -94390 -95537 -96483 -97255 -97877 -98374 -98766 -99072 -99491 -99628 -99730	3 14891 18271 22070 26259 30791 35605 40625 45769 50948 56074 61064 65841 70344 74522 78340 81779 84831 87503 87503 91777 93430 95933 96848 97580 98161 98616 98968 99238 99443 99596	.08709 .11283 .14336 .17875 .21889 .26340 .313173 .36310 .41659 .47120 .52586 .57955 .63131 .68034 .72597 .76774 .80534 .83868 .776774 .80534 .83868 .93179 .94645 .95839 .95839 .95830 .97564 .98630 .98987 .99259	5 .05286 .07196 .09574 .12461 .15877 .19820 .24261 .29145 .34393 .3990 .45570 .51267 .56879 .62298 .67430 .72199 .76552 .80458 .804	.03314 .04720 .06551 .08870 .11724 .15141 .19122 .23642 .28641 .34035 .39715 .45557 .51430 .57205 .62764 .68007 .72855 .77255 .81174 .84607 .87639 .9069 .93180 .95275 .96391 .97273 .97270 .98490 .98490	7 .02137 .03173 .04580 .06431 .08795 .11722 .15244 .19360 .24039 .29216 .34794 .40653 .46657 .52664 .58536 .69415 .74583 .82417 .85743 .82417 .85743 .88580 .90961 .92929 .94530 .95816 .96834 .97630 .98244	8 .01413 .02180 .03263 .04741 .06692 .09186 .12276 .12276 .30628 .36416 .42456	9 .00955 .01528 .02365 .03547 .05157 .07277 .09979 .13310 .172899 .21899 .27080 .32738 .38744 .44951 .51200 .57335 .63215 .68723 .78302 .82288 .85729 .88647 .91079 .93074 .94686 .95969 .93074 .94686 .95976 .977556	10 .00659 .01089 .01741 .02689 .04020 .05823 .08180 .11159 .14799 .19105 .24041 .29528 .35451 .41664 .48004 .54307 .60415 .66193 .71535 .76367 .80646 .84362 .87529 .90180 .92363 .94131 .95542 .97514 .98173 .98672	.00462 .00789 .01299 .02063 .03167 .04701 .06758 .09417 .12737 .16744 .21424 .26716 .32518 .38693 .45078 .51501 .57792 .63800 .51501 .57792 .63800 .74507 .79058 .83032 .84036 .89298 .91662 .93583 .95120 .97273 .97273	12 .00330 .00580 .00580 .00982 .01601 .02519 .03827 .05622 .07995 .11019 .14738 .19159 .24241 .29898 .36002 .42393 .48895 .55331 .61336 .72718 .77520 .81738 .85367 .88431 .90971 .93042 .94702 .94703 .94703 .977034 .97818 .97818
H 0.00 0.10 0.20 0.30 0.40 0.50 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.50 1.40 1.5	.50000 .53983 .57926 .61791 .65542 .69146 .76814 .76814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214 .98214 .98218 .99180 .99379 .99533 .99653	2 26594 30720 35089 39645 44327 49068 53802 58461 62984 67313 71401 78715 81896 84747 87272 89489 91387 93016 94390 95537 96483 97255 97877 98374 98746 99072 99309 99491	3 14891 18271 22070 26259 30791 35605 40625 45769 457694 656074 61064 65841 70344 74522 78340 81779 84831 87503 89811 91777 93431 94806 95933 96848 97580 98161 98616 98238 99248	08709 11283 114336 17875 21889 26340 31173 36310 52586 57955 63131 68034 72597 76774 83868 86777 891403 991403 991403 991403 991404 98164 98164 98164 98164	5 .05286 .07196 .09574 .12461 .15877 .19820 .24261 .29145 .393906 .45577 .56879 .6259 .67430 .72199 .72199 .78548 .83902 .86893 .89449 .91601 .93387 .94850 .96031 .97716 .98738 .997716	03314 04720 06551 08870 11724 15141 19122 23642 23643 34715 34715 34715 62764 68007 7285 77255 61174 84607 78753 90160 93880 95239 97273 97490 98894	7 02137 03173 04580 06431 08795 11722 15244 19360 24039 29216 34794 40653 46657 52664 58538 64155 67415 78241 78583 82417 88580 90961 92929 945316 96834 97630 98244	8  .01413 .02180 .03263 .04741 .06692 .09186 .12276 .129320 .25226 .30628 .36416 .42456 .48600 .54698 .60608 .61402 .76118 .80317 .83986 .87135 .87791 .91995 .937247 .96899 .97301 .97999 .98532	9 .00955 .01528 .02365 .03547 .05157 .07277 .09979 .13310 .32738 .38744 .44951 .51200 .57335 .63215 .63215 .63215 .63216 .78302 .8288 .85647 .91079 .93064 .95969 .97756 .98352	10 .00659 .01089 .01741 .02689 .04020 .05823 .08180 .11159 .29528 .35451 .41664 .48004 .54307 .60415 .76367 .76367 .80646 .84362 .87529 .90180 .92363 .94131 .95542 .97514 .98173	00462 00789 01299 02063 03167 047701 06758 09417 16744 21424 226716 32518 38693 45078 51501 57792 63800 69402 74507 779058 83032 84436 89298 91662 93583 95120 96332 97273	12 .00330 .00580 .00982 .01601 .02519 .03827 .05622 .07995 .11019 .14738 .19159 .24241 .29898 .36002 .42393 .48895 .55331 .61534 .67365 .72718 .77520 .81738 .85367 .88431 .99712 .94702 .946013 .97034 .97034 .97034
H  0.00 0.10 0.20 0.40 0.50 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.20 1.30 1.40 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.5	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78614 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .97128 .97725 .98214 .98818 .99180 .99180 .99534 .99653 .99653 .99953 .99865 .999931 .99865 .999931	2 26594 30720 35089 39645 49068 53802 67313 71401 75211 78715 81896 84747 87272 89480 91387 97255 97877 98766 99072 99876 99072 99876 9963 9963 9963	14891 18271 22070 26259 30791 35605 40625 45769 50948 56074 61064 65841 70344 74522 78340 81779 84831 87501 87503 87503 91777 93430 95933 96848 97580 98161 98616 98968 99238 99443 99596 99710 99794 99855	.08709 .11283 .14336 .17875 .21889 .26340 .313173 .36310 .41659 .47120 .52586 .57955 .63131 .68034 .72597 .76774 .80534 .83868 .776774 .80534 .83868 .93179 .94645 .95839 .95839 .95839 .95839 .96800 .97564 .98163 .98987 .99861 .99807	5 .05286 .07196 .09574 .12461 .15877 .19820 .24261 .29145 .34393 .3990 .45570 .51867 .62298 .67430 .72199 .76552 .80458 .804	.03314 .04720 .06551 .08870 .11724 .15141 .19122 .23642 .28641 .34035 .39715 .45557 .51430 .57205 .62764 .68007 .72855 .77255 .81174 .84607 .87563 .9069 .93180 .95275 .96391 .97273 .99590 .98490 .98490 .99423 .99590	7 .02137 .03173 .04580 .06431 .08795 .11722 .15244 .19360 .24039 .29216 .34794 .40653 .46657 .52664 .5858 .69415 .74241 .85743 .82417 .85743 .88580 .99961 .92929 .94530 .95816 .96834 .98742 .99065	8 .01413 .02180 .03263 .04741 .06692 .09186 .12276 .15290 .25226 .30628 .36416 .42456	9 .00955 .01528 .02365 .03547 .05157 .07277 .09979 .13310 .172899 .21899 .27080 .32738 .38744 .44951 .51200 .57335 .63215 .68722 .78302 .82288 .85729 .88647 .91079 .93074 .94686 .95966 .98352 .988802 .99139 .99387	10 .00659 .01089 .01741 .02689 .04020 .05823 .08180 .11159 .14799 .19105 .24041 .29528 .35451 .48004 .58307 .60415 .66193 .71535 .76367 .88362 .87529 .90180 .92363 .94131 .95542 .97514 .98173 .98672 .99319 .99520	.00462 .00789 .01299 .02063 .03167 .04701 .06758 .09417 .12737 .16744 .21424 .26716 .32518 .38693 .45078 .51501 .57792 .63800 .74507 .79058 .83032 .84036 .89298 .91662 .93583 .95132 .97273 .97273 .97273 .98541 .9850 .99472	000330 000580 000580 000982 01601 003627 005622 007995 11019 14738 19159 124241 129898 36002 42393 161334 67365 72718 77520 88736 194703 94703 94703 97034 97818 98856 99185
H 0.00 0.10 0.20 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.40 1.50 1.40 1.50 1.50 1.50 1.60 1.20 2.10 2.20 2.30 2.40 2.50 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 3.7	.50000 .53983 .57991 .65542 .69146 .69146 .76814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214 .9814 .99189 .99374 .99534 .99374 .99534 .99653 .99853 .999853 .999853	26594 30720 35089 39645 44327 49068 53802 58461 62984 67313 71401 75211 78715 81896 84747 87272 89487 93016 94390 95537 96483 97255 97877 98374 99725 99872 99491 99628 99807 99863	3 14891 18271 22070 26259 30791 35605 40625 45769 56074 61064 65841 70344 74522 78340 81779 84831 87503 89811 91777 93431 94806 95933 96848 97580 98161 98616 98968 99744 99750 99710 99794	08709 11283 14336 17875 21889 26340 31173 36310 41659 47120 52586 57955 63131 68034 72597 76774 83868 86778 191403 93179 94645 95839 96800 97564 98164 98164 98164 98164 98164 98164 98291 99259 99463 99463	05286 07196 09574 12461 15877 19820 24261 29145 34393 39906 45570 56879 66298 67430 72199 67430 72199 67430 72199 67430 72199 67430 72199 74850 96031 96974 97716 98738 99076 99519 99658	03314 04720 06551 08870 11724 15141 19122 23641 34035 39715 45557 51430 57205 62764 68007 72855 77255 81174 84607 87563 99069 93180 95235 97273 9750 98894 99197 99423 99590	7 02137 03173 04580 06431 08795 11722 15244 19360 29216 34794 40653 46657 52664 58538 64155 74241 78583 82417 88580 99529 945316 96834 97630 98244 98712 99055 99328	8  .01413 .02180 .03263 .04741 .06692 .09186 .15276 .159320 .25226 .30628 .36416 .42456 .48600 .54698 .66209 .71402 .76118 .80317 .83986 .87135 .87191 .91995 .937247 .96599 .97301 .97999 .98532 .98934 .99233	9 .00955 .01528 .02365 .03547 .05157 .07277 .09979 .13310 .17289 .27080 .32738 .38744 .44951 .51200 .57335 .68723 .73732 .82288 .85729 .91079 .93074 .94686 .95969 .96976 .98352 .98139	10 .00659 .01089 .01089 .01089 .02689 .04020 .05823 .08180 .11159 .24041 .29528 .35451 .41664 .48004 .54307 .60415 .66193 .715367 .80646 .84362 .87529 .90180 .92363 .94131 .95542 .96652 .97514 .98173 .98672 .99044	00462 00789 01299 02063 03167 04701 06758 0941737 16744 21424 226716 32518 38693 45078 151501 157792 63800 69402 74507 79058 83032 84036 89298 91653 9252 97273 97273 97995 98541 98541 98552	12 .00330 .00580 .00982 .01601 .02519 .03827 .05622 .07995 .11019 .14738 .19159 .24241 .29898 .36002 .42393 .48895 .55331 .61534 .67365 .72718 .77520 .815367 .88431 .99712 .94702 .96013 .97034 .97034 .97034 .97818 .98412 .98856 .98456

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3.30	.0004B	•00000	.00000	•00000	•00000	•00000	•00000	• 00000	•00000	•00000	•00000	.00000
3.20 3.10	.000097	•00000	•00000	•00000	•00000	•00000	•00000	• 00000	•00000	•00000	•00000	.00000
3.00	.00135	•00001	•00000	•00000	•00000	•00000	•00000	• 00000	•00000	•00000 •00000	•00000	.00000
2.90 2.80	.00187 .00256	.00001 .00002	•00000 •00000	•00000 •00000	•00000	•00000	•00000	•00000	•00000	•00000	•00000	•00000
2.70	•00347	.00003	•00000	•00000	•00000	•00000	•00000	.00000	•00000	•00000	.00000	.00000
2.60	-00466	•00006 •00009	•00000	•00000	•00000	•00000	•00000	• 00000	•00000	•00000	•00000	•00000
2.40	.00820	.00016	10000	•00000	•00000	•00000	.00000	.00000	•00000	•00000	•00000	•00000
2.30	.01072	.00025	.00001	•00000	•00000	•00000	.00000	.00000	•00000	.00000	.00000	.00000
2.10	.01786	.00064	.00004	.00000	•00000	.00000	.00000	.00000	.00000	•00000	.00000	•00000
2.00	.02275	.00098	.00007	.00001	•00000	.00000	.00000	.00000	•00000	•00000	.00000	.00000
1.90	•02872 •03593	.00149	.00012	.00001	•00000	•00000	•00000	.00000	.00000	•00000	•00000	•00000
1.70	•04457	.00330	.00036	.00005	•00001	•00000	.00000	.00000	•00000	•00000	.00000	.00000
1 - 60	•05480 •06681	.00480 .00486	.00 <b>059</b>	.00010	.00002 .00004	•00000 •00001	.00000	• 00000	•00000	•00000	.00000	.00000
1.50	•06681 •08076	.00686 .00967	.00155	.00031	•00008	•00002	•00001	.00000	•00000	•00000	•00000	•00000
1.30	.09680	.01343	.00244	•00054	.00014	.00004	•00001	• 00001	.00000	.00000	•00000	.00000
1.20	11507	.01838 .02479	.00375	.00093	.00027	+00009 +00017	.00003	.00001	.00001	•00000	•00000	.00000
1.00	15866	.03295	.00836	.00250	.00085	.00032	.00013	.00006	.00003	.00001	.00001	.00000
0.90	+18406	.04318	.01217	.00396	.00145	.00058	.00025	.00012	•00006	.00003	.00002 .00004	.00002
0.80	.21186	.05580	.01734	.00614 .00930	.00241	.00103	.00047	.00023	.00012	.00013	•00008	•00005
0.60	.27425	.08942	.03330	.01377	•00620	.00300	.00154	.00083	.00047	•00027	.00016	•00010
0.50	30854	•11096 •13589	.04491 .05951	.01997	.00958	•00490 •00779	.00264	.00149	.00088	•00053 •00100	.00033	.00021
0.40	•34458 •38209	16432	.07749	.03936	.02124	01205	.00714	.00439	.00279	·00182	.00122	.00083
0.20	.42074	19623	.09923	•05356	•03050	.01817	.01125	.00720	.00474 .00780	.00320 .00544	.00221	.00155
0.10	.46017	.23152 .26995	.12499 .15492	.07144 .09344	•04281 •05875	.02670 .03825	.01722 .02566	•01144 •01766	.01244	.00894	.00654	.00486
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0.00	•50000	.26995	.15492	.09344	•05875	.03825	.02566	•01766	•01244	•00894	.00654	•00486
0.10	.539A3	•31117	18905	•11992	.07885	.05346	.03721	.02650	.01925	.01424	.01070	•00815
0.20	•57926 •61791	•35475 •40014	.22724 .26919	• 15106	• 10360	•07296	.05258	• 03865	•02892	•02198	•01694	•01322
0.40	65542	•44673	.31443	•18692 •22733	•13332 •16815	.09729 .12685	•07242 •09734	•05486 •07583	•04220 •05987	.03291 .04783	•02598 •03863	•02074 •03150
0.50	•69146	•49388	36235	.27192	.20804	16185	.12777	.10217	.08265	•06755	•05573	•04636
0.60	• 72575 • 75804	•54092 •58719	•41221 •46321	• 32011 • 37115	• 25264 • 30142	·20223	.16390 .205 <b>68</b>	•13430 •17239	•11114 •14570	•09279 •12407	•07809 •10637	•06619 •09177
0.80	. 78814	•63209	.51449	.42414	• 35357	.29764	.25274	.21629	18641	•16167	.14103	.12368
0.90 1.00	.81594 .84134	•67506 •71564	•56519 •61450	• 47811 • 53204	.40814	• 35121	.30441	26555	•23300	20554	.18220	.16223
1.10	.86433	• 75346	•66170	•53204 •58495	•46404 •52013	.40737 .46493	•35973 •41756	•31935 •37663	.28487 .34105	•25524 •30995	.22961 .28263	.20733 .25850
1.20	.88493	.78824	.70618	•63593	•57531	. 52264	• 47659	• 43610	•40032	•36856	.34023	.31487
1.30	.90320	.81983 .84816	•74746 •78520	•68419 •72912	•62853 •67891	•57929 •63376	•53549 •59299	• 49637 • 55603	•46127 •52241	•42966 •49174	•4010B	• 37517 • 43790
1.50	•93319	.87325	.81920	.77025	.72574	.63376 .68512	.64792	• 55603 • 61377	•52241 •58230	•55325	•46366 •52636	•50141
1.60	•94520	.89520	.84940	.80731	· 76850	• 73261	69935	•66843	•63963	•61276	•58762	.56407
1.70	•95543 •96407	•91417 •93038	.87585 .89871	•84018 •86890	•80688 •84077	.77573 .81418	•74653 •78902	•71911 •76516	•69331 •74252	•66900 •72099	•64605 •70050	.62435 .68097
1.90	.97128	.94406	.91821	.89363	•87022	84790	.82658	.80621	.78671	.76804	.75013	73295
2.00	98214	•95548 •96491	•93463 •94827	•91463 •93221	89542	·87697	.85921	.84212	• B2565	•80976 •84605	.79443	.77962 .82067
2.20	•98610	97260	95948	.94673	•91667 •93433	.90164 .92226	.88708 .91051	.87298 .89907	.85931 .88791	·84605	.83317 .86642	.85606
2:30 2:40	.98928	•97880 •98376	•96858	95858	.94881	93925	•92990	.92075	•91179	.90302	.89442	.88600
2.40	•99180 •99379	•98376 •98768	.97587 .98165	•96813 •97572	•96052 •96987	.95305 .96411	.94572 .95843	•93851 •95283	.93142 .94731	.92446 .94187	•91761 •93649	.91087 .93119
2 • 60	•99534	•99073	.98618	.98169	•97725	•97286	•96852	.96422	•95998	•95578	.95163	.94753
2.70 2.80	•99653 •99744	•99310 •99 <b>49</b> 1	.98970 .99239	•98633 •98989	•98299 •98741	.97968 .98495	.97641 .98251	.97316 .98008	•9699 <b>4</b> •97767	.96675 .97528	.96359 .97290	.96046 .97054
2.90	•99813	99628	.99443	.99260	99078	•98897	98716	•985 <b>37</b>	.98359	.98182	98005	97830
3.00	•99865 •99903	• 99731	• 99597	.99464	•99331	•99199	•99068	.98937	•98807	98677	98548	.98419
3.10	.99903	•99807 •99863	•99711 •99794	•99615 •99726	•99519 •99658	.99424 .99590	.99330 .99523	•99235 •99455	•991 <b>41</b> •993 <b>88</b>	•99047 •99321	•9895 <b>4</b> •992 <b>54</b>	.98860 .99187
3.30	.99952	• 99903	99855	•99807	•99759	•99711	.99664	.99616	•99568	•99521	.99473	99426
3.40 3.50	•99966 •99977	. 99933	99899	99865	•99832	•99799	•99765	•99732	99699	•99665	•99632	•99599
J + DU	. 334/1	• 99953	•99930	•99907	99884	.99861	•99838	.99815	•99792	•99768	.99745	.99722

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3.50	+00023	•00000	•00000	•00000	• 00000	•00000	•00000	• 00000	•00000	• 00000	•00000	•00000
3.40	•00034	•00000	•00000	•00000	• 00000	•00000	•00000	• 00000	•00000	• 00000	•00000	•00000
3+30	+0004B	• 00000	• 00000	• 00 000	• 00000	•00000	• 00000	• 00000	•00000	•00000	• 00000	•00000
3.20	•00069	•00000	•00000	•00000	• 00000	•00000	•00000	• 00000	•00000	•00000	•00000	•00000
3.10	•00097	• 00001	•00000	•00000	•00000	•00000	•00000	• 00000	•00000	•00000	•00000	•00000
3.00 2.90	•00135 •00187	• 00001 • 00002	•00000	•00000	• 00000	•00000	•00000	• 00000	•00000	•00000	•00000	•00000
2.80	-00256	•00003	•00000	•00000	•00000	•00000	•00000	• 00000	•00000	•00000	•00000	.00000
2.70	•00347	• 00006	•00000	•00000	• 00000	•00000	•00000	• 00000	.00000	•00000	•00000	•00000
2.60	.00466	•00009	• 00000	•00000	• 00000	•00000	• 00000	• 00000	•00000	•00000	•00000	•00000
2.50	+00621	+00015	•00001	•.00 000	• 00000	•00000	• 00000	• 00000	•00000	• 00000	•00000	•00000
2.40	•00820	.00024	• 00002	•00000	• 00000	•00000	• 00000	• 00000	•00000	•00000	•00000	•00000
2.30	•01072	•00038	•00003	•00000	• 00000	•00000	•00000	• 00000	•00000	•00000	•00000	•00000
2.20	•01390	• 00059	•00005 •00009	•00001	• 00000	•00000	•00000	• 00000	•00000	•00000	•00000	•00000
2.10	+01786 +02275	.00091 .00137	•00015	100001 •00002	• 00000 • 00001	•00000	• 00000	• 00000	•00000	+00000	•00000	•00000
1.90	.02872	.00204	.00025	•00005	• 00001	•00000	•00000	• 00000	•00000	•00000	•00000	•00000
1.80	403593	.00298	.00042	.0000B	•00002	•00001	•00000	•.00000	.00000	.00000	.00000	.00000
1.70	404457	•00431	•00067	•00015	• 00004	• 00001	•00000	• 00000	•00000	•00000	•00000	•00000
1.60	+05480	-00614	•00107	•00025	•00007	•00003	•00001	• 00000	•00000	•00000	+00000	•00000
1 - 50	+06681	.00861	·00168	•00043	• 00014	•00005	•00002	• 00001	•00000	•00000	•00000	•00000
1 +40	•08076	•01192	•00257	•00072	•00024	•00009	*00004	\$00002	100001	+00001	•00000	00000
1 • 30	09680	.01626	-00387	-00117	•00042	•00017	+00008	• 00004 • 00008	•00002 •00004	-00001	•00001	•00000
1 • 20	11507	.02189	.00573	·00187	•00072	-00031	•00015 •00027	• 00008 • 00014	•00004 •00008	•00002	•00003	•00001
1+10	•13567 •15866	•02906 •03807	.00834 .01192	.00293	+00119 +00194	.00054 .00093	•00027 •00048	.00014	•00008	•00010	.00005	•00002
0.90	18406	•04921	.01676	.00676	•00308	.00155	· 00084	• 00048	•00029	·00018	.00012	.00008
0.80	.21186	.06278	.02315	.00996	·00480	.00252	.00142	• 000B4	.00053	•00034	.00023	.00016
0.70	.24196	.07906	.03146	.01439	.00730	.00401	.00234	.00144	•00093	•00062	.00042	•00030
0.60	.27425	.09830	.04206	.02041	•01087	.00623	•00378	. 00240	•00159	•00109	•00076	•00055
0.50	•30854	•12072	•05533	•02840	01586	•00946	.00595	• 00390	•00265	-00186	.00134	•0009B
0.40	•34458	.14643	.07165	•03879	.02267	•01405	.00914	.00618	.00432	.00310	.00228	+00171
0.30	•38209	.17552	•09135	•05204	•03174	.02042	.01372	• 00954	.00684	•00503	.00378	.00289
0.20	•42074 •46017	•20792	•11471 •14192	•06856 •08878	• 04356 • 05863	.02903	.02011 .02883	•01439 •02117	•01057 •01 <b>5</b> 93	•00794 •01223	•00609 •00956	•00759
0.10	50000	.24351 .28205	17307	•11301	•07741	.05508	•04043	03044	.02343	.01836	.01463	01182
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	.50000	•28205	•17307	•11301	•07741	•05508	•04043	• 03044	•02343	•01836	•01463	.01182
0.00	•53983	•32317	.20810	.14149	• 10033	•07358	• 05546	.04277	.03363	.02689	.02181	•01791
0.00 0.10 0.20	•53983 •57926	•32317 •36644	.20810 .24684	•14149 •17430	• 10033 • 12769	•07358 •09634	•05546 •07448	•04277 •05876	•03363 •04716	•02689 •03842	•02181 •03170	•01791 •0264 <b>6</b>
0.00 0.10 0.20 0.30	•53983 •57926 •61791	•32317 •36644 •41134	•20810 •24684 •28893	•14149 •17430 •21138	•10033 •12769 •15966	.07358 .09634 .12375	•05546 •07448 •09797	•04277 •05876 •07897	•03363 •04716 •06463	•02689 •03842 •05360	•02181 •03170 •04496	•01791 •02646 •03810
0.00 0.10 0.20 0.30 0.40	•53983 •57926 •61791 •65542	•32317 •36644 •41134 •45728	.20810 .24684 .28893 .33392	•14149 •17430 •21138 •25248	•10033 •12769 •15966 •19624	.07358 .09634 .12375 .15599	•05546 •07448 •09797 •12631	•04277 •05876 •07897 •10390	.03363 .04716 .06463 .08662	.02689 .03842 .05360 .07305	.02181 .03170 .04496 .06224	.01791 .02646 .03810 .05351
0.00 0.10 0.20 0.30 0.40 0.50	•53983 •57926 •61791 •65542 •69146	•32317 •36644 •41134 •45728 •50364	.20810 .24684 .28893 .33392 .38120	•14149 •17430 •21138 •25248 •29720	•10033 •12769 •15966 •19624 •23725	.07358 .09634 .12375	•05546 •07448 •09797	.04277 .05876 .07897 .10390 .13389	•03363 •04716 •06463	•02689 •03842 •05360	•02181 •03170 •04496	•01791 •02646 •03810
0.00 0.10 0.20 0.30 0.40 0.50	.53983 .57926 .61791 .65542 .69146	.32317 .36644 .41134 .45728 .50364	.20810 .24684 .28893 .33392	•14149 •17430 •21138 •25248	•10033 •12769 •15966 •19624	.07358 .09634 .12375 .15599 .19309	.05546 .07448 .09797 .12631 .15970	•04277 •05876 •07897 •10390	.03363 .04716 .06463 .08662 .11358	.02689 .03842 .05360 .07305 .09734	•02181 •03170 •04496 •06224 •08417	.01791 .02646 .03810 .05351 .07336
0.00 0.10 0.20 0.30 0.40 0.50	•53983 •57926 •61791 •65542 •69146	•32317 •36644 •41134 •45728 •50364	.20810 .24684 .28893 .33392 .38120 .43008	.14149 .17430 .21138 .25248 .29720 .34496	.10033 .12769 .15966 .19624 .23725	.07358 .09634 .12375 .15599 .19309 .23486	.05546 .07448 .09797 .12631 .15970	.04277 .05876 .07897 .10390 .13389 .16912 .20952	.03363 .04716 .06463 .08662 .11358 .14584 .18348 .22633	.02689 .03842 .05360 .07305 .09734 .12689 .16191 .20240	.02181 .03170 .04496 .06224 .08417 .11126 .14385	.01791 .02646 .03810 .05351 .07336 .09824 .12859
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90	•53983 •57926 •61791 •65542 •69146 •72575 •75804 •78814 •81594	.32317 .36644 .41134 .45728 .50364 .54980 .59513 .63906	.20810 .24684 .28893 .33392 .38120 .43008 .47982 .52961	.14149 .17430 .21138 .25248 .29720 .34496 .39502 .44658	.10033 .12769 .15966 .19624 .23725 .28229 .33077 .38194 .43491	.07358 .09634 .12375 .15599 .19309 .23486 .28089 .33054 .38301	.05546 .07448 .09797 .12631 .15970 .19813 .24137 .28895	.04277 .05876 .07897 .10390 .13389 .16912 .20952 .25477	.03363 .04716 .06463 .08662 .11358 .14584 .18348 .22633 .27398	.02689 .03842 .05360 .07305 .09734 .12689 .16191 .20240 .24806	.02181 .03170 .04496 .06224 .08417 .11126 .14385 .18206 .22572	.01791 .02646 .03810 .05351 .07336 .09824 .12859 .16462 .20632
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00	•53983 •57926 •61791 •65542 •69146 •72575 •75804 •78814 •81594 •84134	•32317 •36644 •41134 •45728 •50364 •54980 •59513 •63906 •68109 •72076	.20810 .24684 .28893 .33392 .38120 .43008 .47982 .52961 .57869	.14149 .17430 .21138 .25'248 .29720 .34496 .39502 .44658 .49874 .55059	.10033 .12769 .15966 .19624 .23725 .28229 .33077 .38194 .43491	.07358 .09634 .12375 .15599 .19309 .23486 .28089 .33054 .38301	.05546 .07448 .09797 .12631 .15970 .19813 .24137 .28895 .34016	.04277 .05876 .07897 .10390 .13389 .16912 .20952 .25477 .30431	.03363 .04716 .06463 .08662 .11358 .14584 .18348 .22633 .27398	.02689 .03842 .05360 .07305 .09734 .12689 .16191 .20240 .24806 .29832	.02181 .03170 .04496 .06224 .08417 .11126 .14385 .18206 .22572 .27439	.01791 .02646 .03810 .05351 .07336 .09824 .12859 .16462 .20632
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00	•53983 •57926 •61791 •65542 •69146 •72575 •75804 •78814 •81594 •84134 •86433	.32317 .36644 .41134 .45728 .50364 .54980 .59513 .63906 .68109 .72076 .75773	.20810 .24684 .28893 .33392 .38120 .43008 .47982 .52961 .57869 .62632	.14149 .17430 .21138 .257248 .29720 .34496 .39502 .44658 .49874 .55059 .60127	•10033 •12769 •15966 •19624 •23725 •28229 •33077 •38194 •43491 •48871 •54234	.07358 .09634 .12375 .15599 .19309 .23486 .28089 .33054 .38301 .43733	.05546 .07448 .09797 .12631 .15970 .19813 .24137 .28895 .34016 .39411	.04277 .05876 .07897 .10390 .13389 .16912 .20952 .25477 .30431 .35733 .41283	.03363 .04716 .06463 .08662 .11358 .14584 .18348 .22633 .27398 .32572 .38063	.02689 .03842 .05360 .07305 .09734 .12689 .16191 .20240 .24806 .29832 .35234	.02181 .03170 .04496 .06224 .08417 .11126 .14385 .18206 .22572 .27439	.01791 .02646 .03810 .05351 .07336 .09824 .12859 .16462 .20632 .25334
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10	.53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433	• 32317 • 36644 • 41134 • 45728 • 50364 • 54980 • 59513 • 63906 • 68109 • 72076 • 75773 • 79175	.20810 .244684 .28893 .33392 .38120 .43008 .47982 .52961 .57969 .62632 .67185	.14149 .17430 .21138 .257248 .29720 .34496 .39502 .44658 .49874 .55059 .60127	• 10033 • 12769 • 15966 • 19624 • 23725 • 28229 • 33077 • 38194 • 48871 • 54234 • 59484	.07358 .09634 .12375 .15599 .19309 .23486 .28089 .33054 .38301 .43733 .49246	.05546 .07448 .09797 .12631 .15970 .19813 .24137 .28895 .34016 .39411 .44975 .50596	.04277 .05876 .07897 .10390 .13389 .16912 .20952 .25477 .30431 .35733 .41283	.03363 .04716 .06463 .08662 .11358 .14584 .18348 .22633 .27398 .32572 .38063	.02689 .03842 .05360 .07305 .09734 .12689 .16191 .20240 .24806 .29832 .35234	.02181 .03170 .04496 .06224 .08417 .11126 .14385 .18206 .22572 .27439 .32732	.01791 .02646 .03810 .05351 .07336 .09824 .12859 .16462 .20632 .25334 .30505
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30	.53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .88493	• 32317 • 36644 • 41134 • 45728 • 50364 • 54980 • 59513 • 63906 • 68109 • 72076 • 75773 • 79175 • 82266	.20810 .24684 .28893 .33392 .38120 .43008 .47982 .52961 .57869 .62632 .67185 .71472	.14149 .17430 .21138 .25248 .29720 .34496 .39502 .44658 .49874 .55059 .60127 .64999	• 10033 • 12769 • 15966 • 19624 • 23725 • 28229 • 33077 • 38194 • 43491 • 48871 • 59484 • 64532	.07358 .09634 .12375 .15599 .19309 .23486 .28089 .33054 .38301 .43733 .49246 .54732 .60088	.05546 .07448 .09797 .12631 .15970 .19813 .24137 .28895 .34016 .39411 .44975 .50596	.04277 .05876 .07897 .10390 .13389 .16912 .20952 .25477 .30431 .35733 .41283 .46968	.03363 .04716 .06463 .08662 .11358 .14584 .18348 .22633 .27398 .32572 .38063	.02689 .03842 .05360 .07305 .09734 .12689 .16191 .20240 .24806 .29832 .35234	.02181 .03170 .04496 .06224 .08417 .11126 .14385 .18206 .22572 .27439	.01791 .02646 .03810 .05351 .07336 .09824 .12859 .16462 .20632 .25334
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30	.53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .88433	• 32317 • 36644 • 41134 • 45728 • 50364 • 54980 • 59513 • 63906 • 68109 • 72076 • 75773 • 79175 • 82266 • 85040	.20810 .244684 .28893 .33392 .38120 .43008 .47982 .52961 .57969 .62632 .67185	•14149 •17430 •21138 •257248 •29720 •34496 •39502 •44658 •49874 •55059 •60127 •64999 •69605 •73891	• 10033 • 12769 • 15966 • 19624 • 23725 • 28229 • 33077 • 38194 • 48871 • 54234 • 59484	.07358 .09634 .12375 .15599 .19309 .23486 .28089 .33054 .38301 .43733 .49246	.05546 .07448 .09797 .12631 .15970 .19813 .24137 .28895 .34016 .39411 .44975 .50596	.04277 .05876 .07897 .10390 .13389 .16912 .20952 .25477 .30431 .35733 .41283	.03363 .04716 .06463 .08662 .11358 .14584 .18348 .22633 .27398 .32572 .38063 .43760	.02689 .03842 .05360 .07305 .09734 .12689 .16191 .20240 .24806 .29832 .35234 .40905 .46726	.02181 .03170 .04496 .06224 .08417 .11126 .14385 .18206 .22572 .27439 .32732 .38351 .44177	.01791 .02646 .03810 .05351 .07336 .09824 .12859 .16462 .20632 .25334 .30505 .36052
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40	.53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .88493	• 32317 • 36644 • 41134 • 45728 • 50364 • 54980 • 59513 • 63906 • 68109 • 72076 • 75773 • 79175 • 82266	.20810 .24684 .28893 .33392 .38120 .43008 .47982 .52961 .57869 .62632 .67185 .71472 .75451	.14149 .17430 .21138 .25248 .29720 .34496 .39502 .44658 .49874 .55059 .60127 .64999	• 10033 • 12769 • 15966 • 19624 • 23725 • 28229 • 33077 • 38194 • 43491 • 48871 • 59484 • 64532 • 69302	.07358 .09634 .12375 .15599 .19309 .23486 .28089 .33054 .38301 .43733 .49246 .54732 .60088 .65221	.05546 .07448 .09797 .12631 .15970 .19813 .24137 .28895 .34016 .39411 .44975 .50596 .56162 .61565 .66710	.04277 .05876 .07897 .10390 .13389 .16912 .20952 .25477 .30431 .35733 .41283 .46968 .52669 .58270 .63663 .68753	.03363 .04716 .06463 .08662 .11358 .14584 .18348 .22633 .27398 .32572 .38063 .43760 .49542	.02689 .03842 .05360 .07305 .09734 .12689 .16191 .20240 .24806 .29832 .35234 .40905 .46726	.02181 .03170 .04496 .06224 .08417 .11126 .14385 .18206 .22572 .27439 .32732 .38351 .44177 .50083 .55935 .61609	.01791 .02646 .03810 .05351 .07336 .09824 .12859 .16462 .20632 .25334 .30505 .36052 .41861 .47802 .53740
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30	.53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .84134 .86433 .88493 .90320 .91924	.32317 .36644 .41134 .45728 .50364 .54980 .59513 .63906 .68109 .72076 .75773 .79175 .82266 .85040	.20810 .24684 .28893 .33392 .38120 .43008 .47982 .52961 .57869 .62632 .67185 .71472 .75451 .79091	•14149 •17430 •21138 •25248 •29720 •34496 •39502 •44658 •49874 •55059 •60127 •64999 •69605 •73891	• 10033 • 12769 • 15966 • 19624 • 23725 • 28229 • 33077 • 38194 • 43491 • 48871 • 54234 • 59484 • 64532 • 69302 • 73733	.07358 .09634 .12375 .15599 .19309 .23486 .28089 .33054 .38301 .43733 .49246 .54732 .60088 .65221 .70051 .74515	.05546 .07448 .09797 .12631 .15970 .19813 .24137 .28895 .34016 .39411 .44975 .50596 .56162 .61565 .66710 .71517 .75929	.04277 .05876 .07897 .10390 .13389 .16912 .20952 .25477 .30431 .35733 .41283 .46968 .52669 .58270 .63663 .68753 .73468	.03363 .04716 .06463 .08662 .11358 .14584 .18348 .22633 .27398 .32572 .38063 .43760 .49542 .55285 .60872 .66196	.02689 .03842 .05360 .07305 .09734 .12689 .16191 .20240 .24806 .29832 .35234 .40905 .46726 .52568 .58305 .63821 .69017	.02181 .03170 .04496 .06224 .08417 .11126 .14385 .18206 .22572 .27439 .32732 .38351 .44177 .50083 .555935 .616099	.01791 .02646 .03810 .05351 .07336 .09824 .12859 .16462 .205334 .30505 .36052 .41861 .47802 .53740 .59543 .65092
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40	.53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .84433 .90320 .91924 .93319 .94520	.32317 .36644 .41134 .45728 .50364 .54980 .59513 .63906 .68109 .72076 .75773 .79175 .82266 .855040 .87500	.20810 .24684 .28893 .33392 .38120 .43008 .47982 .52961 .57869 .62632 .67185 .71472 .75451 .79091 .82373 .87856 .90074	•14149 •17430 •21138 •251248 •29720 •34496 •39502 •44658 •49874 •55059 •60127 •64999 •69605 •73891 •77816 •81357 •84504 •87260	• 10033 • 12769 • 15966 • 19624 • 23725 • 28229 • 33077 • 38194 • 43491 • 54234 • 59484 • 64532 • 69302 • 73733 • 77782 • 81421	.07358 .09634 .12375 .15599 .19309 .23486 .28089 .33054 .38301 .43733 .49246 .54732 .60088 .65221 .70051 .74515 .78572 .82197	.05546 .07448 .09797 .12631 .15970 .19813 .24137 .24895 .34016 .39411 .44975 .50596 .56162 .61565 .66710 .71517 .75929 .79906	.04277 .05876 .07887 .10390 .13389 .16912 .20952 .25477 .30431 .35733 .41283 .4283 .52669 .58270 .63663 .68753 .73468 .77755	.03363 .04716 .06463 .08662 .11358 .14584 .18348 .2633 .27398 .32572 .38063 .43760 .49542 .55285 .60872 .66196 .71170	.02689 .03842 .05360 .07305 .09734 .12689 .16191 .20240 .24806 .29832 .35234 .40905 .46726 .52568 .53568 .53568 .53568 .53821 .69017 .73814	.02181 .03170 .04496 .06224 .08417 .11126 .14385 .18206 .22572 .27439 .32732 .38351 .44177 .50083 .555935 .61609 .66995	.01791 .02646 .03810 .05351 .07336 .09824 .12859 .16462 .20632 .25334 .30505 .36052 .41861 .47802 .53740 .59543 .65092 .70287
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80	.53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .96407	.32317 .36644 .41134 .45728 .50364 .54980 .59513 .63906 .72076 .75773 .79175 .82266 .855040 .875500 .89654 .911518 .93112	.20810 .24684 .28893 .33392 .38120 .43008 .47982 .52961 .57869 .62632 .67185 .71472 .75451 .79091 .82373 .85293 .87856 .90074	•14149 •17430 •21138 •257248 •25720 •34496 •39502 •44658 •49874 •55059 •60127 •64999 •69605 •73891 •77816 •81357 •84504 •87260	• 10033 • 12769 • 15966 • 19624 • 23725 • 28229 • 33077 • 38194 • 48871 • 54434 • 64532 • 69302 • 73733 • 77782 • 81421 • 8448	.07358 .09634 .12375 .15599 .19309 .23486 .28089 .33054 .38301 .43733 .49246 .54732 .60088 .65221 .70051 .74515 .78572 .82197	.05546 .07448 .09797 .12631 .15970 .19813 .24137 .28895 .34016 .39411 .44975 .50596 .56162 .61565 .66710 .71517 .75929 .79906	.04277 .05876 .07897 .10390 .13389 .16912 .20952 .25477 .30431 .35733 .41283 .46968 .52669 .58270 .63663 .73468 .77755 .81582	.03363 .04716 .06463 .08662 .11358 .14584 .18348 .22633 .27398 .32572 .38063 .43760 .49542 .55285 .60872 .66196 .71170 .75728	.02689 .03842 .05360 .07305 .09734 .12689 .16191 .20240 .24806 .29832 .35234 .40905 .46726 .52568 .58305 .63821 .69017 .73814 .78159	.02181 .03170 .04496 .06224 .08417 .11126 .14385 .18206 .22572 .27439 .32732 .38351 .44177 .50083 .55935 .61609 .66995 .72004	.01791 .02646 .03810 .05351 .07336 .09824 .12859 .16462 .20632 .25334 .30505 .36052 .41861 .47802 .53740 .59543 .65092 .70287 .75051
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00	.53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .88493 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725	.32317 .36644 .41134 .45728 .50364 .54980 .59513 .63906 .68109 .72076 .75773 .79175 .82266 .85040 .87500 .89654 .91518 .93112 .94460	.20810 .24684 .28893 .33392 .38120 .43008 .47982 .52961 .57869 .62632 .67185 .71472 .75451 .79091 .82373 .85293 .87856 .90074 .91971	•14149 •17430 •21138 •25248 •29720 •34496 •39502 •44658 •49874 •55059 •60127 •64999 •69605 •73891 •77816 •81357 •84504 •87260	• 10033 • 12769 • 15966 • 19624 • 23725 • 28229 • 33077 • 38194 • 43491 • 54234 • 59484 • 64532 • 69302 • 73733 • 77782 • 81421 • 84641 • 87848 • 89856	.07358 .09634 .12375 .15599 .19309 .23486 .28089 .33054 .38301 .43733 .49246 .54732 .60088 .65221 .70051 .74515 .78572 .82197	.05546 .07448 .09797 .12631 .15970 .19813 .24137 .28895 .34016 .39411 .44975 .50596 .56162 .61565 .66710 .71517 .75929 .79906 .83431 .86502	.04277 .05876 .07897 .10390 .13389 .16912 .20952 .25477 .30431 .35733 .41283 .46968 .58270 .63663 .68753 .73468 .77755 .81582	.03363 .04716 .06463 .08662 .11358 .14584 .18348 .2633 .27398 .32572 .38063 .43760 .49542 .55285 .60872 .66196 .71170 .75728 .79827	.02689 .03842 .05360 .07305 .09734 .12689 .16191 .20240 .24806 .29832 .35234 .40905 .46726 .52568 .58305 .63821 .63821 .73814 .78159 .82019	.02181 .03170 .04496 .06424 .08417 .11126 .18206 .22572 .277439 .32732 .38351 .44177 .50083 .55935 .61609 .72004 .76569 .80649	.01791 .02646 .03810 .05351 .07336 .09824 .12859 .16462 .20632 .25334 .30505 .36052 .41861 .47802 .53740 .59543 .65092 .70287 .75051
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.10	.53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725	.32317 .36644 .41134 .45728 .50364 .54980 .59513 .63906 .68109 .72076 .75773 .79175 .82266 .85040 .87500 .89554 .91518 .93112 .94460 .95587	.20810 .24684 .28893 .33392 .38120 .43008 .47982 .52961 .57869 .62632 .67185 .71472 .75451 .79091 .82373 .87856 .90074 .91971 .93571	•14149 •17430 •21138 •251248 •29720 •34496 •39502 •44658 •49874 •55059 •60127 •64999 •69605 •73891 •77816 •81357 •84504 •87260 •89639 •91664	• 10033 • 12769 • 15966 • 19624 • 23725 • 28229 • 33077 • 38194 • 43491 • 59484 • 69302 • 69302 • 73733 • 77782 • 81421 • 84641 • 87448 • 89856 • 91894	.07358 .09634 .12375 .15599 .19309 .23486 .28089 .33054 .38301 .43733 .49246 .54732 .60088 .65221 .70051 .74515 .78572 .82197 .82197	.05546 .07448 .09797 .12631 .15970 .19813 .24137 .28895 .34016 .39411 .44975 .50596 .56162 .61565 .66710 .71517 .75929 .79906 .83431 .86502 .89135	.04277 .05876 .07887 .10390 .13389 .16912 .20952 .25477 .30431 .35733 .41283 .46968 .52669 .58270 .63663 .68753 .73468 .77755 .81582 .84940 .87838	.03363 .04716 .06463 .08662 .11358 .14584 .18348 .2633 .27398 .32572 .38063 .43760 .49542 .55285 .60872 .66196 .71170 .75728 .79827 .83448 .86590	.02689 .03842 .05360 .07305 .09734 .12689 .16191 .20240 .24806 .29832 .35234 .40905 .46726 .52568 .53568 .53561 .69017 .73814 .78159 .82019	.02181 .03170 .04496 .06224 .08417 .11126 .14385 .18206 .22572 .27439 .32732 .38351 .44177 .50083 .555935 .61609 .66995 .72004 .76569 .80649	.01791 .02646 .03810 .05351 .07336 .09824 .12859 .16462 .20632 .25334 .30505 .36052 .41861 .47802 .53740 .59543 .65092 .70287 .75051 .79334
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.10 2.20	.53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .97128	.32317 .36644 .41134 .45728 .50364 .54980 .59513 .63906 .72076 .75773 .79175 .82266 .855040 .87500 .89654 .93112 .94460 .95587 .96518	.20810 .24684 .28893 .33392 .38120 .43008 .47982 .52961 .57869 .62632 .67185 .71472 .75451 .79091 .82373 .85293 .87856 .90074 .91971 .93571 .94904	•14149 •17430 •21138 •257248 •29720 •34496 •39502 •44658 •49874 •55059 •60127 •64999 •69605 •73891 •77816 •81357 •84504 •87260 •89639 •91664 •933365	• 10033 • 12769 • 15966 • 19624 • 23725 • 28229 • 33077 • 38194 • 48871 • 54434 • 64532 • 69302 • 73733 • 77782 • 81421 • 87448 • 89856 • 91894 • 93594	.07358 .09634 .12375 .15599 .19309 .23486 .28089 .33054 .38301 .43733 .49246 .54732 .60088 .65221 .70051 .74515 .78572 .82197 .85382 .88193 .90486	.05546 .07448 .09797 .12631 .15970 .19813 .24137 .28895 .34016 .39411 .44975 .50596 .50596 .66710 .71517 .75929 .79906 .83431 .86502 .89135	.04277 .05876 .07897 .10390 .13389 .16912 .20952 .25477 .30431 .35733 .41283 .46968 .52669 .58270 .63663 .77755 .61582 .81582 .81582 .77755 .81582 .84940 .87838 .90297	.03363 .04716 .06463 .08662 .11358 .14584 .18348 .2633 .27398 .32572 .38063 .43760 .49542 .55285 .60872 .66196 .71170 .75728 .79827	.02689 .03842 .05360 .07305 .09734 .12689 .16191 .20240 .24806 .29832 .35234 .40905 .46726 .52568 .58305 .63821 .63821 .73814 .78159 .82019	.02181 .03170 .04496 .06424 .08417 .11126 .18206 .22572 .277439 .32732 .38351 .44177 .50083 .55935 .61609 .72004 .76569 .80649	.01791 .02646 .03810 .05351 .07336 .09824 .12859 .16462 .20632 .25334 .30505 .36052 .41861 .47802 .53740 .59543 .65092 .70287 .75051
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.10 2.20 2.30	.53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .88493 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214 .98610	.32317 .36644 .41134 .45728 .50364 .54980 .59513 .63906 .68109 .72076 .75773 .79175 .82266 .85040 .875040 .89654 .95587 .95587 .96518 .97279	.20810 .24684 .28893 .33392 .38120 .43008 .47982 .52961 .57869 .62632 .67185 .71472 .75451 .79091 .82373 .87856 .90074 .91971 .93571 .93571 .94904 .96894	•14149 •17430 •21138 •257248 •29720 •34496 •39502 •44658 •49874 •55059 •60127 •64999 •69605 •73891 •77816 •81357 •84504 •87260 •89639 •91664 •93365 •94775	• 10033 • 12769 • 15966 • 19624 • 23725 • 28229 • 33077 • 38194 • 43491 • 59484 • 69302 • 69302 • 73733 • 77782 • 81421 • 84641 • 87448 • 89856 • 91894	.07358 .07634 .12375 .15599 .19309 .23486 .28089 .33054 .38301 .43733 .49246 .54732 .60088 .65221 .70051 .74515 .78572 .88138 .90486 .94086	.05546 .07448 .09797 .12631 .15970 .19813 .24137 .28895 .34016 .39411 .44975 .50596 .56162 .61565 .66710 .71517 .75929 .79906 .83431 .86502 .89135	.04277 .05876 .07887 .10390 .13389 .16912 .20952 .25477 .30431 .35733 .41283 .46968 .52669 .58270 .63663 .68753 .73468 .77755 .81582 .84940 .87838	.03363 .04716 .06463 .08662 .11358 .14584 .18348 .22633 .27398 .32572 .38063 .43760 .49542 .55285 .60872 .66196 .71170 .75728 .79827 .83448 .86590 .89271	.02689 .03842 .05360 .07305 .09734 .12689 .16191 .20240 .24806 .29832 .35234 .40905 .46726 .52568 .58305 .63821 .69017 .73814 .78159 .82019 .85388 .88278	.02181 .03170 .04496 .06224 .08417 .11126 .14385 .18206 .22572 .27439 .32732 .38351 .44177 .50083 .55935 .61609 .66995 .72004 .76569 .80649 .84230 .87315	.01791 .02646 .03810 .05351 .07336 .09824 .12859 .16462 .20632 .25334 .30505 .36052 .41861 .47802 .53740 .59543 .65992 .70287 .75051 .79334 .83111
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.10 2.20 2.30 2.40	.53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .97725	.32317 .36644 .41134 .45728 .50364 .54980 .59513 .63906 .72076 .75773 .79175 .82266 .855040 .87500 .89654 .93112 .94460 .95587 .96518	.20810 .24684 .28893 .33392 .38120 .43008 .47982 .52961 .57869 .62632 .67185 .71472 .75451 .79091 .82373 .85293 .87856 .90074 .91971 .93571 .94904	•14149 •17430 •21138 •257248 •29720 •34496 •39502 •44658 •49874 •55059 •60127 •64999 •69605 •73891 •77816 •81357 •84504 •87260 •89639 •91664 •933365	• 10033 • 12769 • 15966 • 19624 • 23725 • 28229 • 33077 • 38194 • 43491 • 54234 • 59484 • 64532 • 69302 • 73733 • 77782 • 81421 • 84641 • 89856 • 91894 • 94993	.07358 .09634 .12375 .15599 .19309 .23486 .28089 .33054 .38301 .43733 .49246 .54732 .60088 .65221 .70051 .74515 .78572 .82197 .85382 .88193 .90486	.05546 .07448 .09797 .12631 .15970 .19813 .24137 .28895 .34016 .39411 .44975 .50596 .56162 .61565 .66710 .71517 .75929 .79906 .83431 .86502 .891358 .93206	.04277 .05876 .07897 .10390 .13389 .16912 .20952 .25477 .30431 .35733 .41283 .46968 .58270 .63663 .68753 .73468 .77755 .81582 .84940 .87838 .90297	.03363 .04716 .06463 .08662 .11358 .14584 .18348 .2633 .27398 .32572 .38063 .43760 .49542 .55285 .60872 .66196 .71170 .75728 .79827 .83448 .86590 .89271 .91521	.02689 .03842 .05360 .07305 .09734 .12689 .16191 .20240 .24806 .29832 .35234 .40905 .46726 .52568 .52568 .52568 .53821 .73814 .78159 .82019 .82019 .82019	.02181 .03170 .04496 .06224 .08417 .11126 .14385 .18206 .22572 .27439 .32732 .38351 .44177 .50083 .55935 .61609 .66995 .72004 .76569 .880649 .84230 .87315 .89927 .92102	.01791 .02646 .03810 .05351 .07336 .09824 .12859 .16462 .20632 .255334 .30505 .36052 .41861 .47802 .53740 .59543 .65092 .70287 .75051 .79334 .83111 .86381 .89161 .91484
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.10 2.20 2.30	.53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214 .98928	.32317 .36644 .41134 .45728 .50364 .54980 .59513 .63906 .68109 .72076 .75773 .79175 .82266 .85040 .87500 .89554 .91518 .93112 .94460 .95587 .96518 .97279 .97893	.20810 .24684 .28893 .33392 .38120 .43008 .47982 .52961 .57869 .62632 .67185 .71472 .75451 .79091 .82373 .87856 .90074 .91971 .93571 .94904 .96002 .96894	•14149 •17430 •21138 •257248 •29720 •34496 •39502 •44658 •49874 •55059 •60127 •64999 •69605 •73891 •77816 •81357 •84504 •87260 •89639 •91664 •93365 •95928	• 10033 • 12769 • 15966 • 19624 • 23725 • 28229 • 33077 • 38194 • 43491 • 59484 • 69302 • 73733 • 77782 • 81421 • 84641 • 87448 • 89856 • 91894 • 93594 • 94993 • 96128	.07358 .09634 .12375 .15599 .23486 .28089 .33054 .38301 .43733 .49246 .54732 .60088 .65221 .70051 .74515 .78572 .82197 .82197 .82197 .82197 .82197	.05546 .07448 .09797 .12631 .15970 .19813 .24137 .28895 .34016 .39411 .44975 .50596 .56162 .61565 .61565 .715929 .79906 .83431 .86502 .89135 .91358	.04277 .05876 .07897 .10390 .13389 .16912 .20952 .25477 .30431 .35733 .41283 .46968 .58270 .63663 .68753 .73468 .77755 .81582 .84940 .87838 .90297 .92352 .94043 .95509	.03363 .04716 .06463 .08662 .11358 .14584 .18348 .2633 .27398 .32572 .38063 .43760 .49542 .55285 .60872 .66196 .71170 .75728 .79827 .83448 .86590 .89271 .91521 .93381 .94106	.02689 .03842 .05360 .07305 .09734 .12689 .16191 .20240 .24806 .29832 .35234 .40905 .46726 .52568 .52568 .53568 .536017 .73814 .78159 .82019 .82019 .82019 .82019 .82019 .82019 .82019	.02181 .03170 .04496 .06224 .08417 .11126 .12206 .22572 .227439 .32732 .38351 .44177 .50083 .55935 .61609 .72004 .76569 .80649	.01791 .02646 .03810 .05351 .07336 .09824 .12859 .16462 .20632 .25334 .30505 .36052 .41861 .47802 .53740 .59543 .65092 .75051 .79334 .83111 .89161 .91484 .93393 .94937
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.10 2.20 2.30 2.40 2.50	.53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214 .98610 .98928 .99379	.32317 .36644 .41134 .45728 .50364 .54980 .59513 .63906 .68109 .72076 .75773 .79175 .82266 .855040 .87500 .87500 .89654 .93112 .94460 .95587 .96518 .97279 .97893 .98385	.20810 .24684 .28893 .33392 .38120 .43008 .47982 .52961 .57869 .62632 .67185 .71472 .75451 .79091 .82373 .85293 .87856 .90074 .91971 .94904 .96002 .96894 .97612	•14149 •17430 •21138 •257248 •29720 •34496 •39502 •44658 •49874 •55059 •60127 •64999 •69605 •73891 •77816 •81357 •84504 •87260 •89639 •91664 •93365 •94775 •95928 •96860 •97603	• 10033 • 12769 • 15966 • 19624 • 23725 • 28229 • 33077 • 38194 • 43491 • 54234 • 59484 • 69302 • 73733 • 77782 • 81421 • 84641 • 87448 • 89856 • 91894 • 94993 • 94993 • 97758 • 98321	.07358 .09634 .12375 .15599 .23486 .28089 .33054 .38301 .43733 .49246 .54732 .60088 .65221 .70051 .74515 .78572 .82197 .82197 .85382 .88138 .92456 .92456 .9486 .95416 .96485 .97334 .98000	.05546 .07448 .09797 .12631 .15970 .19813 .24137 .28895 .34016 .39411 .44975 .50596 .56162 .61565 .66710 .71517 .75929 .79906 .83431 .86502 .89135 .91358 .93206 .94721 .95944 .9691'8	.04277 .05876 .07897 .10390 .13389 .16912 .20952 .25477 .30431 .35733 .41283 .46968 .52669 .58270 .63663 .68753 .73468 .77755 .81582 .84940 .87838 .90297 .92352 .94043 .95509 .97372	.03363 .04716 .06463 .08662 .11358 .14584 .18348 .22633 .27398 .32572 .38063 .43760 .49542 .55285 .60872 .66196 .71170 .75728 .79827 .83448 .86590 .89271 .91521 .93381 .94893 .96106	.02689 .03842 .05360 .07305 .09734 .12689 .16191 .20240 .24806 .29832 .35234 .40905 .46726 .52568 .53568 .58305 .63821 .69017 .73814 .78159 .82019 .85388 .88278 .90714 .92734 .94384 .95710	.02181 .03170 .04496 .06224 .08417 .11126 .14385 .18206 .22572 .27439 .32732 .38351 .44177 .50083 .55935 .61609 .66995 .72004 .76569 .84230 .87315 .89927 .92102 .93884 .955321	.01791 .02646 .03810 .05351 .07336 .09824 .12859 .16462 .20632 .25334 .30505 .36052 .41861 .47802 .53740 .59543 .65092 .70287 .75051 .79334 .83111 .86381 .89161 .91484 .93393 .94937
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.10 2.20 2.30 2.40 2.50 2.60 2.70 2.80	.53983 .57926 .61791 .65542 .69146 .72575 .75804 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214 .98610 .99379 .99534 .99180 .99379	.32317 .36644 .41134 .45728 .50364 .54980 .59513 .63906 .68109 .72076 .75773 .82266 .87500 .875500 .875500 .875500 .89654 .93112 .94460 .95587 .96518 .97279 .97893 .98385 .98773 .98385 .98773	.20810 .24684 .28893 .33392 .38120 .43008 .47982 .52961 .57869 .62632 .67185 .71472 .75451 .79091 .82373 .85293 .87856 .90074 .91971 .94904 .96002 .96894 .97612 .98182 .988629 .988629	•14149 •17430 •21138 •257248 •29720 •34496 •39502 •44658 •49874 •55059 •60127 •64999 •69605 •73891 •77816 •81357 •84504 •87260 •89639 •91664 •93365 •94775 •95928 •96860 •97603 •98189 •98646 •98998	• 10033 • 12769 • 15966 • 19624 • 23725 • 28229 • 33077 • 38194 • 48491 • 48871 • 59484 • 64532 • 69302 • 73733 • 77782 • 81421 • 87448 • 89856 • 91894 • 93594 • 93594 • 94993 • 96128 • 97038 • 97758 • 98351 • 98755	.07358 .09634 .12375 .15599 .19309 .23486 .28089 .33054 .38301 .43733 .49246 .54732 .60088 .65221 .70051 .74515 .78572 .82197 .85382 .82197 .85382 .82197 .92456 .92456 .95416 .95515	.05546 .07448 .09797 .12631 .15970 .19813 .24137 .28895 .34016 .39411 .44975 .56162 .66710 .71517 .75929 .89135 .8953206 .94721 .95944 .969178 .97684	.04277 .05876 .07897 .10390 .13389 .16912 .20952 .25477 .30431 .35733 .41283 .41283 .52669 .58270 .63663 .77755 .81582 .84940 .87838 .90297 .92352 .94043 .95413 .96509 .97372	.03363 .04716 .06463 .08662 .11358 .14584 .18348 .22633 .27398 .32572 .38063 .43760 .49542 .55285 .60872 .66196 .71170 .75728 .79827 .83448 .86590 .89271 .91521 .93381 .94893 .96106 .97065	.02689 .03842 .05360 .07305 .09734 .12689 .16191 .20240 .24806 .29832 .35234 .40905 .46726 .52568 .58305 .63821 .69017 .73814 .78159 .82019 .85388 .88278 .99714 .92734 .94384 .95710 .96762	.02181 .03170 .04496 .06224 .08417 .11126 .14385 .18206 .22572 .27439 .32732 .38351 .44177 .50083 .55935 .61609 .66995 .72004 .76569 .887315 .89927 .92102 .93884 .95321 .94663	.01791 .02646 .03810 .05351 .07336 .09824 .12859 .16462 .20632 .25334 .30505 .36052 .41861 .47802 .53740 .59543 .65092 .70287 .75051 .79334 .83111 .86381 .89161 .91484 .93393 .94937 .96168 .97133
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0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.70 1.80 2.00 2.10 2.20 2.30 2.40 2.50 2.60 2.70 2.80 2.70 2.80 2.90 3.10	.53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .88493 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214 .98610 .999379 .99534 .99653 .99743 .99853 .99853 .99853 .99853 .99853 .99853 .99903	.32317 .36644 .41134 .45728 .50364 .54980 .59513 .63906 .68109 .72076 .75773 .79175 .82266 .85040 .87500 .89654 .93112 .94460 .95587 .96518 .97279 .97893 .98385 .96773 .99777 .99312 .99429 .99429 .99429	.20810 .24684 .28893 .33392 .38120 .43008 .47982 .52961 .57869 .62632 .67185 .71472 .75451 .79091 .82373 .8585293 .87856 .90074 .91971 .93571 .94904 .96002 .96894 .97612 .98629 .98629 .98629 .98629 .98629 .98629 .99446 .99598	•14149 •17430 •21138 •25728 •25728 •34496 •39502 •44658 •49874 •55059 •60127 •64999 •69605 •73891 •77816 •81357 •81357 •87260 •97603 •98189 •98646 •98998 •99265 •99467 •99617 •99727	• 10033 • 12769 • 15966 • 19624 • 23725 • 28229 • 33077 • 38194 • 43491 • 484234 • 59484 • 64532 • 69302 • 73733 • 77782 • 81421 • 84641 • 87485 • 91894 • 94993 • 96128 • 97758 • 97038 • 97758 • 98321 • 98321 • 98366 • 99336 • 99523	.07358 .07358 .09634 .12375 .15599 .19309 .23486 .28089 .33054 .38301 .43733 .49246 .54732 .60088 .65221 .70051 .74515 .78572 .88138 .90486 .92456 .94086 .94086 .95416 .96485 .97334 .98515 .98515 .98909 .98515 .98909	.05546 .07448 .09797 .12631 .15970 .19813 .24137 .28895 .34016 .39411 .44975 .50596 .56162 .61565 .66710 .71517 .75929 .79906 .83431 .86502 .89135 .91358 .93206 .94721 .95944 .98278 .98733 .990784 .98733	.04277 .05876 .10390 .13389 .16912 .20952 .25477 .30431 .35733 .41283 .4283 .4283 .4283 .4283 .46968 .52669 .58270 .63663 .68753 .68753 .77755 .81582 .84940 .87838 .90297 .92352 .94043 .95509 .97372 .98044 .98560 .98950	.03363 .04716 .06463 .08662 .11358 .14584 .18348 .2633 .27398 .32572 .38063 .43760 .49542 .55285 .60872 .66196 .71170 .75728 .79827 .83448 .86590 .89271 .91521 .93381 .94893 .97065 .97082 .98387 .98824 .99151	.02689 .03842 .05360 .07305 .09734 .12689 .16191 .20240 .24806 .29832 .35234 .40905 .46726 .52568 .535568 .53568 .58305 .63821 .69017 .73814 .78159 .82019 .82019 .85388 .88278 .90714 .92734 .94384 .95710 .96762 .97583 .98678 .98678 .98698 .99329	.02181 .03170 .04496 .06224 .011126 .11126 .12206 .22572 .27439 .32732 .38351 .44177 .50083 .55935 .61609 .66995 .72004 .76569 .80649	.01791 .02646 .03810 .05351 .07336 .09824 .12859 .16462 .20632 .25334 .30505 .36052 .41861 .47802 .53740 .59543 .65092 .70287 .75051 .79334 .83111 .86381 .89161 .91484 .93393 .94937 .96168 .97133 .97880 .98450 .98879 .99198
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0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.10 2.20 2.30 2.40 2.50 2.60 2.70 2.80 2.80 2.90 3.00 3.10 3.00 3.10 3.00 3.10 3.00 3.10 3.00	.53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214 .98610 .99379 .99534 .99653 .99744 .99653 .99744 .99813 .99983 .99993 .99993	.32317 .36644 .41134 .45728 .50364 .54980 .59513 .63906 .68109 .72076 .75773 .82266 .87500 .875500 .875500 .875500 .875500 .875500 .875500 .875500 .875500 .875500 .875500 .875500 .98654 .91518 .93112 .94460 .95587 .96773 .98385 .98773 .99312 .99492 .99629 .99731 .99863 .99983	.20810 .24684 .28893 .33392 .38120 .43008 .47982 .52961 .57869 .62632 .67185 .71472 .75451 .79091 .82373 .85293 .87856 .90074 .91971 .94904 .96002 .96894 .97612 .98182 .98629 .98977 .99243 .99446 .99598 .99795 .99859	•14149 •17430 •21138 •257248 •29720 •34496 •39502 •44658 •49874 •55059 •60127 •64999 •69605 •73891 •77816 •81357 •84504 •87260 •89639 •91664 •93365 •94775 •95928 •97603 •98189 •98646 •98998 •99265 •99467 •99617 •99617 •99808	• 10033 • 12769 • 15966 • 19624 • 23725 • 28229 • 33077 • 38194 • 48491 • 48871 • 59484 • 64532 • 69302 • 73733 • 77782 • 81421 • 87448 • 89856 • 91894 • 93594 • 94993 • 96128 • 97038 • 97038 • 97038 • 98321 • 98755 • 99336 • 99523 • 99660 • 99760 • 99833	.07358 .07358 .09634 .12375 .15599 .19309 .23486 .28089 .33054 .38301 .43733 .49246 .54732 .60088 .65221 .70051 .74515 .78572 .88138 .90486 .92456 .94086 .94086 .95416 .96485 .97334 .98515 .98515 .98909 .98515 .98909	.05546 .07448 .09797 .12631 .15970 .19813 .24137 .28895 .34016 .39411 .44975 .50596 .56162 .61565 .66710 .71517 .75929 .79906 .83431 .86502 .89135 .91358 .93206 .94721 .95944 .98278 .98733 .990784 .98733	.04277 .05876 .07897 .10390 .13389 .16912 .20952 .25477 .30431 .35733 .41283 .41283 .4283 .52669 .58270 .63663 .68753 .73468 .77755 .81582 .84940 .87838 .90297 .92352 .94043 .95513 .96509 .97372 .98044 .98560 .9950 .9950 .9950 .9960 .99619	.03363 .04716 .06463 .08662 .11358 .14584 .18348 .22633 .27398 .32572 .38063 .43760 .49542 .55285 .60872 .66196 .71170 .75728 .79827 .83448 .86590 .89271 .91521 .93381 .94893 .96106 .97065 .97812 .98387 .98824 .99151 .99394	.02689 .03842 .05360 .07305 .09734 .12689 .16191 .20240 .24806 .29832 .35234 .40905 .46726 .52568 .53568 .53568 .58305 .63821 .69017 .73814 .78159 .82019 .85388 .88278 .90714 .92734 .94384 .95710 .96762 .97583 .98217 .98698 .99329	.02181 .03170 .04496 .06224 .08417 .11126 .14385 .18206 .22572 .27439 .32732 .38351 .44177 .50083 .55935 .61609 .66995 .72004 .76569 .80423 .87315 .89927 .92102 .93884 .95321 .96463 .97357 .98047 .98969	01791 02646 03810 05351 07336 09824 12859 16462 22632 25334 30505 36052 41861 47802 53740 59543 65092 70287 775051 179334 83111 86381 89161 91484 93393 97493 97133 97680 98879 991198
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.10 2.20 2.30 2.40 2.50 2.40 2.50 2.40 2.50 2.60 2.70 2.80 2.90 3.00 3.10 3.00 3.10	.53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .88493 .90320 .91924 .93319 .94520 .95543 .96407 .97725 .98214 .98928 .99180 .999379 .99534 .99653 .99953 .99953 .99953	.32317 .36644 .41134 .45738 .50764 .54980 .59513 .63906 .68109 .72076 .75773 .79175 .82266 .85040 .87500 .89558 .91518 .93112 .94460 .95587 .96518 .97279 .97893 .98385 .98773 .99077 .99312 .99429 .99731 .999629	.20810 .24684 .28893 .33392 .38120 .43008 .47982 .52961 .57869 .62632 .67185 .71472 .75451 .79091 .82373 .858593 .87856 .90074 .91971 .93571 .94904 .96002 .96894 .97612 .98894 .97612 .98894 .97612 .98894 .99795 .99598	•14149 •17430 •21138 •257248 •29720 •34496 •39502 •44658 •49874 •55059 •60127 •64999 •69605 •73891 •77816 •81357 •84504 •87260 •89639 •91664 •93365 •94775 •959860 •97603 •98189 •98646 •99265 •99467 •99617 •99727 •99808	• 10033 • 12769 • 15966 • 19624 • 23725 • 28229 • 33077 • 38194 • 43491 • 54234 • 59484 • 69302 • 69302 • 73733 • 77782 • 81421 • 84641 • 87448 • 89856 • 91894 • 94993 • 97038 • 97758 • 98321 • 98755 • 99086 • 99523 • 99660 • 99760	.07358 .07358 .09634 .12375 .15599 .19309 .23486 .28089 .33054 .38301 .43733 .49246 .60088 .65221 .70051 .74515 .78572 .82197 .82197 .82197 .82197 .82456 .92456 .9486 .95416 .96485 .97334 .98000 .98515 .98909 .99593 .99799	.05546 .07448 .09797 .12631 .15970 .19813 .24137 .28895 .34016 .39411 .44959 .50596 .56162 .61565 .66710 .71517 .75929 .89135 .89135 .91358 .93206 .94721 .95944 .96918 .97684 .98278 .99526 .99526 .99526	.04277 .05876 .07897 .10390 .13389 .16912 .20952 .25477 .30431 .35733 .41283 .52669 .58270 .63663 .68753 .77755 .81582 .84940 .87838 .90297 .92352 .94043 .95413 .96509 .97372 .98950 .98950 .99460 .9943 .994619	.03363 .04716 .06463 .08662 .11358 .14584 .18348 .22633 .27398 .32572 .38063 .43760 .49542 .55285 .60872 .66196 .71170 .75728 .79827 .83448 .86590 .89271 .91521 .93381 .94893 .96106 .97065 .97812 .98387 .98824 .99151 .99394 .99572	.02689 .03842 .05360 .07305 .09734 .12689 .16191 .20240 .24806 .29832 .35234 .40905 .46726 .52568 .58305 .63821 .69017 .73814 .78159 .85308 .88278 .99714 .92734 .92744 .9	.02181 .03170 .04496 .06224 .08417 .11126 .14385 .18206 .22572 .27439 .32732 .38351 .44177 .50083 .55935 .61609 .66995 .72004 .76569 .887315 .89927 .93884 .97357 .98102 .93884 .97357 .98574 .98574 .98969 .99263 .99479	.01791 .02646 .03810 .05351 .07336 .09824 .12859 .16462 .20632 .25334 .30505 .36052 .41861 .47802 .53740 .59543 .65092 .70287 .75051 .79334 .83111 .86381 .89161 .91484 .93393 .94937 .96168 .977880 .98450 .98879 .99198

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3.50 3.40	.00023 .00034	•00000	•00000	•00000	•00000	•00000	•00000	• 00000	00000	•00000	•00000	•00000
3+30	•00048	•00000	•00000	•00000	•00000	•00000	•00000	• 00000	•00000	•00000	• 00000	•00000
3.20	•00069 •00097	•00001 •00001	•00000 •00000	•00000	•00000	•00000	•00000	• 00000	•00000 •0 <b>0</b> 000	•00000	•00000	•00000
3.00	•00135	•00002	•00000	•00000	• 00000	•00000	•00000	• 00000	•00000	•00000	•00000	•00000
2.90	•00187	•00003	•00000	•00000	•00000	•00000	•00000	• 00000	•00000	•00000	•00000	.00000
2.80	•00256 •00347	•00005 •00008	•00000	•00000	• 00000	•00000	•00000	• 00000	•00000	•00000	•00000	•00000
2.60	•00466	.00013	•00001	•00000	•00000	•00000	•00000	• 00000	•00000	•00000	•00000	.00000
2.50	•00621	.00020	•00002	•00000	• 00000	•00000	•00000	• 00000.	•00000	•00000	•00000	•00000
2.30	•00820 •01072	.00032 .00049	.00003	•00000 •00001	•00000	•00000	•00000	• 00000	•00000	•00000	•00000	•00000
2.20	•01390	•00075	•0000B	•00002	•00000	• 00000	•00000	• 00000	•00000	•00000	•00000	•00000
5.10	.01786	•00113	.00014	•00003	• 00001	• 00000	• 00000	• 00000	•00000	•00000	•00000	•00000
2.00	•02275 •02872	.00168	•00024 •00039	•00005 •00009	•00001 •00003	•00000 •00001	•00000	• 00000	•00000	•00000	•00000	•00000
1.80	•02572	•00247	.00062	.00005	•00005	•00002	.00001	• 00000	•00000	•00000	•00000	•00000
1.70	•04457	• 00508	•00098	•00026	•00009	•00003	•00002	• 00001	•00000	•00000	•00000	•00000
1 - 60	•05480	•00715	•00151	•00044	•00015	•00006	.00003	•00002	•00001	•00000 •00001	•00000	•00000
1.50	•06681 •08076	•00991 •01357	.00230 .00345	•00071 •00114	•00027 •00045	.00012 .00021	•00006 •00010	• 00003 • 00006	•00002 •00003	•00001	•00001 •00001	•00000 •00001
1.30	• 09680	.01832	•00508	•00180	•00075	•00036	•00019	• 00010	•00006	•00004	•00003	•00002
1.20	11507	.02441	.00735	.00278	•00123	•00061	•00033	•00019	•00012	•00007	•00005	•00003 •00007
1.10	•13567 •15866	.03210 .04168	.01047 .01468	.00421 .00626	•00195 •00305	.00101 .00164	•00056 •00095	• 00034 • 00058	.00021 .00038	•00014 •00025	.00009	.00007
0.90	.18406	.05342	.02025	.00914	•00466	•00260	.00156	• 00098	•00065	•00045	.00032	•00023
0.80	.21186	•06762	.02749	.01310	•00699	•00405	•00250	.00163	•00110	•00077	.00056	16000
0.70	•24196 •27425	•08453 •10439	•03675 •04838	•01846 •02556	•01028 •01483	.00617 .00922	•00394 •00606	.00263 .00415	.00182 .00295	.00131 .00216	•00096 •00162	•00072 •00124
0.50	-30854	.12738	.06274	.03478	•02099	.01350	.00912	.00641	.00465	•00347	.00265	.00206
0.40	+34458	• 15360	.08016	.04653	•02916	.01936	.01344	.00968	·00718	•00546	•00424	•00335
0.30	•38209	•18311	•10095	•06121	•03977	•02722	•01941	.01431	•01084 •01599	•00839 •01261	.00663	•00532 •00825
0.20	•42074 •46017	.21583 .25162	•12532 •15344	•07922 •10089	•05327 •07010	•03755 •05081	•02746 •03808	•02070 •02932	.02308	-01852	•01510	.01248
0.00	.50000	.29022	• 18532	.12648	• 09066	.06748	.05176	.04067	.03262	.02660	.02202	.01845
\ N	1	2	3	4	5	6	7	8	9	10	11	12
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0.00	.50000	. 29022	.18532	.12648	.09066	.06748	.05176	.04067	.03262	.02660	.02202	.01845
0.10	.53983	.33127	.22090	. 15615	. 11528	.08800	.06900	.05530	.04513	.03739	.03140	.02666
0.20	.57926 .61791	.37435	.25994	.18994	-14418	.11274	.09027	.07370	.06116	.05145	.04380	.03768
0.40	.65542	.41893 .46445	.30210	.22771	.17745	.14193	.11593	.09634	.08123	.06933	.05981	.05208
0.50	.69146	.51030	.39377	.31393	. 25660	.21393	.18125	.15563	.13514	.11849	.10477	.09331
0.60	.72575	.55588	•44203	.36137	. 30181	.25641	.22089	.19252	.16946	.15044	.13453	.12109
0.80	.75804 .78814	.60060	.49095 .53980	.41080	.35003	.30265 .35202	.26484	.23410 .27994	.20870	.18745	.16945	. 15405
0.90	.81594	.68530	.58784	.51245	.45248	.40372	.36337	.32946	.30062	.27582	.25429	.19223
1.00	.84134	.72437	-63439	.56299	. 50495	.45686	.41638	.38185	.35208	.32616	.30339	. 28326
1.10	.86433 .88493	.76077 .79427	.67884 .72067	.61227	.55704	.51046	.47063 52600	.43617	.40607	.37954	.35600	.33497
1.30	.90320	.82472	.75947	.70419	.65663	.56355 .61520	.52509 .57874	.49137 .54637	.46155	.43498 .49135	.41115	.38965 .44625
1.40												
1.50	.91924	.85205	.79498	.74571	. 70263	.66457	.63063	-60014	.57258	.54751	.52460	.50357
	.93319	.85205 .87630	.82701	.78374	. 74533	.71094	.67991	.65173	.62549	.60236	.58058	.56042
1.60	.93319	.85205 .87630 .89755	.82701 .85552	.78374 .81806	. 74533 . 78434	.71094 .75378	.67991 .72590	.65173 .70031	.62549 .67672	.60236 .65489	.58058 .63459	.56042 .61566
1.70	.93319 .94520 .95543 .96407	.85205 .87630	.82701	.78374	. 74533	.71094	.67991	.65173 .70031 .74525	.62549 .67672 .72403	.60236 .65489 .70422	.58058 .63459 .68568	.56042 .61566 .66826
1.70 1.80 1.90	.93319 .94520 .95543 .96407 .97128	.85205 .87630 .89755 .91595 .93170 .94503	.82701 .85552 .88057 .90228 .92086	.78374 .81806 .84858 .87533 .89847	.74533 .78434 .81943 .85050	.71094 .75378 .79270 .82750 .85812	.67991 .72590 .76807 .80609 .83982	.65173 .70031 .74525 .78609 .82258	.62549 .67672 .72403 .76734 .80630	.60236 .65489 .70422 .74971 .79089	.58058 .63459 .68568 .73308 .77626	.56042 .61566 .66826 .71736 .76234
1.70 1.80 1.90 2.00	.93319 .94520 .95543 .96407 .97128	.85205 .87630 .89755 .91595 .93170 .94503	.82701 .85552 .88057 .90228 .92086	.78374 .81806 .84858 .87533 .89847 .91819	.74533 .78434 .81943 .85050 .87761 .90093	.71094 .75378 .79270 .82750 .85812 .88465	.67991 .72590 .76807 .80609 .83982 .86925	.65173 .70031 .74525 .78609 .82258 .85464	.62549 .67672 .72403 .76734 .80630 .64074	.60236 .65489 .70422 .74971 .79089 .82750	.58058 .63459 .68568 .73308 .77626 .81486	.56042 .61566 .66826 .71736 .76234 .80276
1.70 1.80 1.90	.93319 .94520 .95543 .96407 .97128	.85205 .87630 .89755 .91595 .93170 .94503	.82701 .85552 .88057 .90228 .92086	.78374 .81806 .84858 .87533 .89847 .91819	.74533 .78434 .81943 .85050 .87761 .90093	.71094 .75378 .79270 .82750 .85812 .88465	.67991 .72590 .76807 .80609 .83982 .86925	.65173 .70031 .74525 .78609 .82258 .85464	.62549 .67672 .72403 .76734 .80630 .84074	.60236 .65489 .70422 .74971 .79089 .82750 .85950	.58058 .63459 .68568 .73308 .77626 .81486	.56042 .61566 .66826 .71736 .76234 .80276
1.70 1.80 1.90 2.00 2.10 2.20 2.30	.93319 .94520 .95543 .96407 .97128 .97725 .98214 .98610	.85205 .87630 .89755 .91595 .93170 .94503 .95618 .96540 .97294	.82701 .85552 .88057 .90228 .92086 .93656 .94966 .96046	.78374 .81806 .84858 .87533 .89847 .91819 .93478 .94856	.74533 .78434 .81943 .85050 .87761 .90093 .92069 .93721	.71094 .75378 .79270 .82750 .85812 .88465 .90729 .92634	.67991 .72590 .76807 .80609 .83982 .86925	.65173 .70031 .74525 .78609 .82258 .85464 .88234 .90591	.62549 .67672 .72403 .76734 .80630 .64074	.60236 .65489 .70422 .74971 .79089 .82750	.58058 .63459 .68568 .73308 .77626 .81486	.56042 .61566 .66826 .71736 .76234 .80276
1.70 1.80 1.90 2.00 2.10 2.20 2.30 2.40	.93319 .94520 .95543 .96407 .97128 .97725 .98214 .98610 .98928	.85205 .87630 .89755 .91595 .93170 .94503 .95618 .96540 .97294 .97904	.82701 .85552 .88057 .90228 .92086 .93656 .94966 .96046 .96925	.78374 .81806 .84858 .87533 .89847 .91819 .93478 .94856 .95986	.74533 .78434 .81943 .85050 .87761 .90093 .92069 .93721 .95083 .96191	.71094 .75378 .79270 .82750 .85812 .88465 .90729 .92634 .94214	.67991 .72590 .76807 .80609 .83982 .86925 .89453 .91592 .93375	.65173 .70031 .74525 .78609 .82258 .85464 .88234 .90591 .92565	.62599 .67672 .72403 .76734 .80630 .64074 .87068 .89628 .91782	.60236 .65489 .70422 .74971 .79089 .82750 .85950 .88699 .91024	.58058 .63459 .68568 .73308 .77626 .81486 .84877 .87804 .90288 .92363	.56042 .61566 .66826 .71736 .76234 .80276 .83844 .86938 .89575
1.70 1.80 1.90 2.00 2.10 2.20 2.30	.93319 .94520 .95543 .96407 .97128 .97725 .98214 .98610 .98928 .99180	.85205 .87630 .89755 .91595 .91595 .94503 .95618 .96540 .97294 .97904 .98392 .98778	.82701 .85552 .88057 .90228 .92086 .93656 .94966 .96046 .96925 .97633 .98196	.78374 .81806 .84858 .87533 .89847 .91819 .93478 .94856 .96900 .97630	. 74533 . 78434 . 81943 . 85050 . 87761 . 90093 . 92069 . 93721 . 95083 . 96191 . 97081	.71094 .75378 .79270 .82750 .85812 .88465 .90729 .92634 .94214 .95505	.67991 .72590 .76807 .80609 .83982 .86925 .89453 .91592 .93375 .94840	.65173 .70031 .74525 .78609 .82258 .85464 .88234 .90591 .92565 .94194	.62549 .67672 .72403 .76734 .80630 .84074 .87068 .891628 .91782 .93567	.60236 .65489 .70422 .74971 .79089 .82750 .85950 .8699 .91024 .92957	.58058 .63459 .68568 .73308 .77626 .81486 .84877 .87804 .90288 .92363 .94068	.56042 .61566 .66826 .71736 .76234 .80276 .83844 .86938 .84575 .91784
1.70 1.80 1.90 2.00 2.10 2.20 2.30 2.40 2.50 2.60 2.70	.93319 .94520 .95543 .96407 .97128 .97725 .98214 .98610 .98928	.85205 .87630 .89755 .91595 .93170 .94503 .95618 .96540 .97294 .97904	.82701 .85552 .88057 .90228 .92086 .93656 .94966 .96046 .96925	.78374 .81806 .84858 .87533 .89847 .91819 .93478 .94856 .95986	. 74532 . 78434 . 81943 . 85050 . 87761 . 90093 . 92069 . 93721 . 95083 . 96191 . 97081	.71094 .75378 .79270 .82750 .85812 .88465 .90729 .92634 .94214 .95505 .96547	.67991 .72590 .76807 .80609 .83982 .86925 .89453 .91592 .93375 .94840 .96026	.65173 .70031 .74525 .78609 .82258 .85464 .88234 .90591 .92565 .94194 .95519	.62549 .67672 .72403 .76734 .80630 .84074 .87068 .89628 .91782 .93567 .95024 .96196	.60236 .65489 .70422 .74971 .79089 .82750 .85950 .88699 .91024 .92957 .94541	.58058 .63459 .68568 .73308 .77626 .81486 .84877 .87804 .90288 .92363 .94068	.56042 .61566 .66826 .71736 .76234 .80276 .83844 .86938 .89575 .91784 .93607
1.70 1.80 1.90 2.00 2.10 2.20 2.30 2.40 2.50 2.60 2.70 2.80	.93319 .94520 .95543 .965407 .97128 .97725 .98214 .98610 .98928 .99180 .99379 .99534 .99653	.85205 .87630 .89755 .91595 .93170 .94503 .95618 .96540 .97294 .97904 .98392 .98778 .99080 .99314	.82701 .85552 .88057 .9028 .92086 .93656 .94966 .96046 .96925 .97633 .98196 .98638 .98983	.78374 .81806 .84858 .87533 .89847 .91819 .93478 .95986 .96900 .97630 .98208 .98658 .99005	. 74532 . 78434 . 81945 . 87761 . 90093 . 92069 . 93721 . 95083 . 96191 . 97081 . 97781 . 98340 . 98767	.71094 .75378 .79270 .82750 .85812 .88465 .90729 .92634 .94214 .95505 .96547 .97376	.67991 .72590 .76807 .80609 .83982 .86925 .89453 .91592 .93375 .94840 .96026 .96974 .97721	.65173 .70031 .74525 .78609 .82258 .85464 .88234 .90591 .92565 .94194 .95519 .96581 .97420 .98076	.62549 .67672 .72403 .76734 .80630 .84074 .87068 .89628 .91782 .93567 .95024 .96196 .97125	.60236 .65489 .70422 .74971 .79089 .82750 .85950 .8699 .91024 .92957	.58058 .63459 .68568 .73308 .77626 .81486 .84877 .87804 .90288 .92363 .94068	.56042 .61566 .66826 .71736 .76234 .80276 .83844 .86938 .84575 .91784
1.70 1.80 1.90 2.00 2.10 2.20 2.30 2.40 2.50 2.60 2.70 2.80 2.90	.93319 .94520 .95543 .96407 .97128 .97725 .98214 .98610 .98928 .99180 .99180 .99534 .99534 .99653 .99744	.85205 .87630 .89755 .91595 .93170 .94503 .95610 .97294 .977904 .979080 .98778 .99080 .99314 .99494 .99630	.82701 .855552 .8805552 .90228 .92086 .93656 .94966 .96046 .96925 .97633 .98196 .98638 .98638	.78374 .81806 .84858 .87533 .89847 .91819 .93478 .94856 .95986 .96900 .97630 .98208 .98658 .99005	. 74532 . 78434 . 81943 . 85050 . 87761 . 90093 . 92069 . 93721 . 95083 . 96191 . 97787 . 98340 . 98767 . 99094	.71094 .75378 .79270 .82750 .85812 .88465 .90729 .92634 .94214 .95505 .97376 .98027 .98533 .98920	.67991 .72590 .76807 .80609 .83982 .86925 .89453 .91592 .93375 .94840 .96026 .96974 .97721 .98302 .98749	.65173 .70031 .74525 .78609 .82258 .85464 .88234 .90591 .92565 .94194 .95519 .96581 .97420 .98076	.62549 .67672 .72403 .76734 .80630 .84074 .87068 .89628 .91782 .93567 .96196 .97125 .97125 .97852	.60236 .65489 .70422 .74971 .79089 .82750 .85950 .88699 .91024 .92957 .94541 .95819 .96835 .97632	.58058 .63459 .68568 .73308 .77626 .81486 .84877 .87804 .90288 .92363 .94068 .95449 .96549 .97414 .98085	.56042 .61566 .66826 .71736 .76234 .80276 .83844 .86938 .89575 .91784 .93607 .95086 .96269 .97200 .97924
1.70 1.80 1.90 2.00 2.10 2.20 2.30 2.40 2.50 2.60 2.70 2.80	.93319 .94520 .95543 .965407 .97128 .97725 .98214 .98610 .98928 .99180 .99379 .99534 .99653	.85205 .87630 .89755 .91595 .93170 .95618 .96540 .97294 .98392 .98778 .99314 .994630 .99732	.82701 .855552 .88057 .90228 .92086 .93656 .94966 .96046 .96046 .97633 .98196 .9863 .98983 .99247 .99449	.78374 .81806 .84858 .87533 .89847 .91819 .93478 .94856 .95986 .96900 .97630 .98208 .98208 .98658 .99005 .99270	.74532 .78434 .81943 .85050 .87761 .90093 .92069 .93721 .95083 .96191 .97781 .97787 .98340 .984767 .99094	.71094 .75378 .79270 .82750 .85812 .90729 .92634 .94214 .95505 .96547 .97376 .98533 .98921	.67991 .72590 .76809 .83982 .86925 .89453 .91592 .93375 .94840 .96026 .96974 .97721 .98302 .98749	.65173 .70031 .74525 .78609 .82258 .85464 .88234 .902565 .94194 .92565 .94194 .95519 .96581 .97420 .98580 .98580	.62549 .67672 .72403 .76734 .80630 .84074 .87068 .89628 .91782 .93567 .95024 .96196 .97125 .97185 .97185 .98413	.60236 .65489 .704971 .79089 .82750 .85950 .88699 .91024 .92957 .94541 .95819 .96835 .97632	.58058 .63459 .68459 .73308 .77626 .81486 .84877 .87804 .90288 .92363 .94068 .95449 .96549 .97414 .98597	.56042 .61566 .6626 .71736 .76234 .80276 .83844 .86938 .89575 .91784 .93607 .95086 .96269 .97200 .97924 .98478
1.70 1.80 1.90 2.00 2.10 2.20 2.30 2.40 2.50 2.60 2.70 2.80 2.90 3.00 3.10 3.20	.93319 .94520 .95543 .96407 .97128 .97725 .98214 .98610 .99379 .99534 .99534 .99653 .99743 .99865 .99803 .99931	.85205 .87630 .89755 .91595 .93170 .95618 .96540 .97904 .98392 .98778 .99080 .99314 .99494 .99494 .99494 .99494 .99494	.82701 .855552 .88057 .90228 .92086 .94966 .96046 .96046 .96046 .98638 .98983 .98983 .99247 .99449 .99600	.78374 .81806 .81858 .87533 .89847 .91819 .93478 .94856 .95986 .96900 .77630 .98208 .98208 .98208 .98270 .99470 .99470	. 74533 . 78434 . 81943 . 85050 . 87761 . 90093 . 92069 . 93721 . 95083 . 96191 . 97787 . 98340 . 98340 . 99541 . 99542	.71094 .75378 .79270 .82750 .85812 .88465 .90729 .92634 .94214 .95505 .97376 .98027 .98533 .98920	.67991 .72590 .76807 .80609 .83982 .86925 .89453 .91592 .93375 .94840 .96026 .96974 .97721 .98302 .98749	.65173 .70031 .74525 .78609 .82258 .85464 .88234 .90591 .92565 .94194 .95519 .96581 .97420 .98076	.62549 .67672 .72403 .76734 .80630 .84074 .87068 .89628 .91782 .93567 .96196 .97125 .97125 .97852	.60236 .65489 .70422 .74971 .79089 .82750 .85950 .88699 .91024 .92957 .94541 .95819 .96835 .97632	.58058 .63459 .68568 .73308 .77626 .81486 .84877 .87804 .90288 .92363 .94068 .95449 .96549 .97414 .98085	.56042 .61566 .6826 .71736 .76234 .80276 .83844 .86938 .89575 .91784 .93607 .95086 .96269 .97200 .97924
1.70 1.80 1.90 2.00 2.10 2.20 2.30 2.40 2.50 2.60 2.70 2.80 2.90 3.00 3.10	.93319 .94520 .95543 .96407 .97128 .97725 .98214 .98610 .98928 .99180 .99379 .99379 .99553 .99744 .99863 .99865	.85205 .87630 .89755 .91595 .93170 .95618 .96540 .97904 .98392 .98778 .99314 .99494 .99494 .99494 .99732	.82701 .855552 .88057 .90228 .92086 .93656 .96046 .96046 .96725 .97633 .98196 .98638 .99247 .99449 .99460 .99713	.78374 .81806 .84858 .87533 .89847 .91819 .93478 .94856 .95986 .96900 .97630 .98208 .98658 .99005 .99270 .99470	. 74532 . 78434 . 81943 . 85050 . 87761 . 90093 . 92069 . 93721 . 95083 . 96191 . 97081 . 97787 . 98340 . 98767 . 99341 . 99526	.71094 .75378 .79270 .82750 .85812 .88465 .90729 .92634 .945505 .96547 .97376 .98027 .9833 .9950 .99214	.67991 .72590 .76807 .80609 .83982 .86925 .89453 .91592 .93375 .96026 .96974 .97721 .98302 .98749 .99088	.65173 .70031 .74525 .78609 .82258 .85464 .88234 .90591 .92565 .94194 .95519 .96581 .97420 .98076 .98580 .98963	.62549 .67672 .72403 .76734 .80630 .84074 .87068 .89628 .91782 .93567 .95024 .96146 .97125 .98413 .98413 .98440 .99162	.60236 .65489 .74971 .79089 .82750 .85750 .88699 .910257 .94541 .95819 .96835 .97632 .98248 .98718	.58058 .63459 .63459 .73308 .77626 .81486 .84877 .87804 .92283 .94068 .9363 .94068 .954549 .97414 .98597 .98597	.56042 .61566 .68826 .71736 .76234 .8024 .8038 .89575 .91784 .93607 .95086 .96269 .97200 .97220 .97924 .98897

Probability that N standard normal random variables with common correlation  $\rho$  are simultaneously less than or equal to H.

p = .300

					_				_			
/"	1	2	3	•	5	6	7	8	9	10	11	12
- н\												
3.50	•00023	•00000	•00000	•00000	• 00000	•00000	•00000	• 00000	•00000	•00000	•00000	•00000
3.40	•00034	•00000	•00000	•00000	•00000	•00000	•00000	• 00000	•00000	•00000	•00000	•00000
3.30 3.20	+00048 +00069	.00000 .00001	00000	•00000	•00000	•00000	•00000	•00000	•00000	•00000	•00000	•00000
3.10	•00097	• 00001	•00000	•00000	• 00000	•00000	•00000	• 00000	•00000	•00000	.00000	•00000
3.00	•00135	•00002	•00000	•00000	• 00000	•cooce	•00000	• 00000	•00000	•00000	•00000	•00000
2.90	•00187	•00004	•00000	•00000	•00000	•00000	•00000	• 00000	•00000	•00000	•00000	.00000
2 • 80 2 • 70	•00256 •00347	.00006	.00000	•00000	• 00000	+00000	•00000	• 00000	•00000	•00000	•00000	•00000
2.60	+00466	•00017	•00002	•00000	• 00000	•00000	•00000	• 00000	•00000	•00000	•00000	.00000
2 - 50	•00621	•00026	•00003	•00001	• 00000	•00000	• 00000	• 00000	•00000	• 00000	•00000	•00000
2 40	•00B20	•00041	•00005 •00008	•00001	•00000	•00000	•00000	• 00000	•00000	•00000	•00000	•00000
2.20	•01072 •01390	.00062 .00094	.00014	•00002 •00003	•00000 •00001	•00000	•00000	• 00000	•00000	•00000	•00000	.00000
2.10	•01786	.00139	.00022	•00005	•00002	•00001	• 00000	• 00000	.00000	•00000	•00000	•00000
2.00	•02275	.00204	.00036	•00009	•00003	.00001	• 00001	• 00000	•00000	•00000	• 00000	,00000
1.90	•02872 •03593	.00295 .00422	.00057	.00016 .00027	.00006 .00010	.00002 .00004	.00001	.00001	•00000 •00001	•00000	.00000	•00000
1.70	•04457	• CO594	•00137	+00044	•00017	•00008	•00004	.00002	•00001	•00001	•00001	•00000
1.60	•05480	•00826	.00207	•00070	•00029	.00014	•00007	• 00004	•00002	•00002	.00001	•00001
1.50	•06681	•01133	•00308	•00111	•0004B	•00024	•00013	* 0000B	•00005	•00003	•00002	10000
1.40	•08076 •09680	•01535 •02052	•00451 •00650	•00172 •00262	.00078 .00124	.00040 .00066	.00022	.00013	.00009	•00006 •00010	•00004 •00007	.00003
1.20	11507	.02709	•00923	•00393	•00195	.00107	.00064	• 00040	•00027	•00019	•00013	.00010
1.10	•13567	•03531	•01290	.00580	•00299	.00170	•00104	.00068	.00046	•00032	•00024	.0001B
1.00 0.90	•15866 •18406	.04546	.01777	.00840 .01196	+00451	.00265	.00167	.00111 .00179	.00077 .00126	+00055 +00092	.00041	.00031 .00053
0.80	•21186	•05781 •07263	.02410 .03221	.01676	•0066B	•00609	.00205	·00282	.00203	.00151	•00115	•00090
0.70	.24196	.09017	.04243	.02309	•01388	.00896	.00611	.00434	.00320	.00242	.00188	.00148
0.60	•27425	.11063	•05509	.03131	•01948	.01295	•00904	00657	•00493	•00379	.00298	.00239
0.50	•30854 •34458	•13418 •16090	•07052 •08902	•04177 •05487	.02687 .03645	.01836 .02558	.01314 .01872	• 00974 • 01416	.00744 .01100	•00582 •00874	•00464 •00708	•00377 •00582
0.30	.38209	.19082	.11085	07096	.04861	.03500	.02618	.02019	.01596	.01287	.01056	.00879
0.20	.42074	.22385	.13620	•09039	.06376	• 04 705	• 03595	.02824	.02268	.01856	.01543	.01300
0.10	•46017 •50000	.25983 .29849	•16516 •19774	•11344 •14031	.08229	.06217 .08077	.04847 .06421	.03875	.03162	•02624 •03638	.02210	•01883 •02673
<del></del>	1 130000		*17//4	•17031	110433	.00077	100421	• 05221	.04325	*05050	•03101	.02013
/ "	1	•	_									
		2	3	4	5	6	7	8	9	10	11	12
		2	3	4	5	6	7	8	9	10	11	12
"		2	<b>3</b>	4	5	6	7	8	9	10	11	12
<u> </u>						6			9	10		12
			· <u>=</u>			<del></del>						
9.00 0.10	•50000 •53983	·29849	.19774 .23381	•14031	•10453	•08077	.06421	.05221	•04325	•03638	•03101	.02673
0.00 0.10 0.20	.50000 .53983 .57926	•29849 •33949 •38237	•19774 •23381 •27314	•14031 •17109 •20575		<del></del>						
0.00 0.10 0.20 0.30	.50000 .53983 .57926	.29849 .33949 .38237 .42664	.19774 .23381 .27314 .31534	•14031 •17109 •20575 •24413	•10453 •13073 •16104 •19547	.08077 .10321 .12975 .16056	.06421 .08358 .10694 .13458	.05221 .06907 .08977	.04325 .05805 .07650 .09901	.03638 .04948 .06602 .08647	.03101 .04267 .05759 .07625	.02673 .03718 .05070
9.00 0.10 0.20 0.30 0.40	.50000 .53983 .57926 .61791 .65542	.29849 .33949 .38237 .42664 .47175	.19774 .23381 .27314 .31534 .35996	•14031 •17109 •20575 •24413 •28591	•10453 •13073 •16104 •19547 •23387	.08077 .10321 .12975 .16056	.06421 .08358 .10694 .13458	.05221 .06907 .08977 .11466	.04325 .05805 .07650 .09901 .12590	.03638 .04948 .06602 .08647	.03101 .04267 .05759 .07625	.02673 .03718 .05070 .06781 .08898
0.00 0.10 0.20 0.30	.50000 .53983 .57926	.29849 .33949 .38237 .42664	.19774 .23381 .27314 .31534	•14031 •17109 •20575 •24413 •28591 •33064	•10453 •13073 •16104 •19547 •23387 •27594	*08077 *10321 *12975 *16056 *19565 *23487	.06421 .08358 .10694	.05221 .06907 .08977 .11466 .14397 .17782	.04325 .05805 .07650 .09901 .12590	.03638 .04948 .06602 .08647 .11122	.03101 .04267 .05759 .07625	.02673 .03718 .05070
9.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70	.50000 .53983 .57926 .61791 .65542 .69146 .72575	.29849 .33949 .38237 .42664 .47175 .51710 .56213	• 19774 • 23381 • 27314 • 31534 • 35996 • 40641 • 45405 • 50219	•14031 •17109 •20575 •24413 •28591	.10453 .13073 .16104 .19547 .23387 .27594 .32124	.08077 .10321 .12975 .16056	.06421 .08358 .10694 .13458 .16662 .20306	.05221 .06907 .08977 .11466	.04325 .05805 .07650 .09901 .12590 .15738 .19348	.03638 .04948 .06602 .08647 .11122 .14055 .17458 .21325	.03101 .04267 .05759 .07625 .09911 .12649 .15861	.02673 .03718 .05070 .06781 .08898 .11461 .14496
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814	.29849 .33949 .38237 .42664 .47175 .51710 .56213 .60624 .64892	•19774 •23381 •27314 •31534 •35596 •40641 •45405 •50219 •55011	•14031 •17109 •20575 •24413 •28591 •33064 •37774 •42653 •47627	•10453 •13073 •16104 •19547 •23387 •27594 •32124 •36916 •41898	.08077 .10321 .12975 .16056 .19565 .23487 .27789 .32423 .37325	.06421 .08358 .10694 .13458 .16662 .20306 .24370 .28817 .33592	.05221 .06907 .08977 .11466 .14397 .17782 .21613 .25863 .30488	.04325 .05805 .07650 .09901 .12590 .15738 .19348 .23403 .27869	.03638 .04948 .06602 .08647 .11122 .14055 .17458 .21325 .25630	.03101 .04267 .05759 .07625 .09911 .12649 .15861 .19549	.02673 .03718 .05070 .06781 .08898 .11461 .14496 .18015 .22008
9.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70	.50000 .53983 .57926 .61791 .65542 .69146 .72575	.29849 .33949 .38237 .42664 .47175 .51710 .56213 .60624 .64892 .68969	.19774 .23381 .27314 .31534 .35996 .40641 .45405 .50219 .55011	.14031 .17109 .20575 .24413 .28591 .33064 .37774 .42653 .47627 .52617	.10453 .13073 .16104 .19547 .23387 .27594 .32124 .36916 .41898	*08077 *10321 *12975 *16056 *19565 *23487 *27789 *32423 *37325 *42417	.06421 .08358 .10694 .13458 .16662 .20306 .24370 .28817 .33592 .38623	.05221 .06907 .08977 .11466 .14397 .17782 .21613 .25863 .30488 .35424	.04325 .05805 .07650 .09901 .12590 .15738 .19348 .23403 .27869	.03638 .04948 .06602 .08647 .11122 .14055 .17458 .21325 .25630 .30327	.03101 .04267 .05759 .07625 .09911 .12649 .15861 .19549 .23696	.02673 .03718 .05070 .06781 .08898 .11461 .14496
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00	•50000 •53983 •57926 •61791 •65542 •69146 •72575 •75804 •78814 •81594 •84134	.29849 .33949 .38237 .42664 .47175 .51710 .56213 .60624 .64892 .68969 .72815	•19774 •23381 •27314 •31534 •35596 •40641 •45405 •50219 •55011	•14031 •17109 •20575 •24413 •28591 •33064 •37774 •42653 •47627	•10453 •13073 •16104 •19547 •23387 •27594 •32124 •36916 •41898	.08077 .10321 .12975 .16056 .19565 .23487 .27789 .32423 .37325	.06421 .08358 .10694 .13458 .16662 .20306 .24370 .28817 .33592	.05221 .06907 .08977 .11466 .14397 .17782 .21613 .25863 .30488	.04325 .05805 .07650 .09901 .12590 .15738 .19348 .23403 .27869	.03638 .04948 .06602 .08647 .11122 .14055 .17458 .21325 .25630	.03101 .04267 .05759 .07625 .09911 .12649 .15861 .19549	.02673 .03718 .05070 .06781 .08898 .11461 .14496 .18015 .22008 .26446
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .81594 .84134 .86433	.29849 .33949 .38237 .42664 .47175 .51710 .56213 .60624 .64892 .68969 .72815 .76398	.19774 .23381 .27314 .31534 .35596 .40641 .45405 .50219 .55011 .59715 .64264 .68602 .72682	•14031 •17109 •20575 •24413 •28591 •33064 •37774 •42653 •47627 •52617 •57545 •62337	.10453 .13073 .13073 .19547 .23387 .27594 .32124 .36916 .41898 .52111 .57172 .62093	.08077 .10321 .12975 .16056 .19565 .23487 .27789 .32423 .37325 .42417 .47615 .52628	.06421 .08358 .10694 .13458 .16662 .20306 .24370 .28817 .33592 .38623 .43829 .49117	.05221 .06907 .08977 .11466 .14397 .27613 .25863 .30488 .35424 .40593 .45905 .51264	.04325 .05805 .07650 .07950 .12590 .15738 .19348 .23403 .27869 .32690 .37795 .43095	.03638 .04948 .06602 .08647 .11122 .14055 .21325 .25630 .30327 .35349 .40613	.03101 .04267 .05759 .07625 .09911 .12649 .15861 .19549 .23696 .28263 .33191 .38404 .43807	.02673 .03718 .05070 .06781 .08898 .11461 .14496 .18015 .22008 .26446 .31275 .36423 .41801
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .88493	.29849 .33949 .38237 .42664 .47175 .51710 .560624 .64892 .68969 .72815 .76398 .79695 .82692	.19774 .23381 .27314 .31534 .31534 .35996 .40641 .45405 .50219 .55011 .59715 .64264 .68602 .72682	•14031 •17109 •20575 •24413 •28591 •33064 •42653 •47627 •52617 •57545 •66925 •71252	•10453 •13073 •16104 •19547 •23387 •27594 •32124 •36916 •41898 •46991 •52111 •57172 •62093 •66803	.08077 .10321 .12975 .16056 .19565 .23487 .32423 .37325 .42417 .47615 .52628 .57967	.06421 .08358 .10694 .13458 .16662 .20306 .24370 .28817 .33592 .38623 .43829 .49117 .54394	.05221 .06907 .08977 .11466 .14397 .17782 .21613 .25863 .30488 .35424 .40593 .45905 .51264	.04325 .05805 .07650 .07950 .12590 .15738 .19348 .23403 .27869 .32690 .37795 .43095 .48495	• 03638 • 04948 • 06602 • 08647 • 11122 • 14055 • 17458 • 21325 • 25630 • 30327 • 35349 • 40613 • 46026 • 51484	.03101 .04267 .05759 .07625 .09911 .12649 .15861 .19549 .23696 .28263 .33191 .38404 .43807 .49299	.02673 .03718 .05070 .06781 .08898 .11461 .14496 .18015 .22008 .26446 .31275 .36423 .41801 .47308
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .81594 .84134 .86433	.29849 .33949 .38237 .42664 .47175 .51710 .56213 .60624 .64892 .68969 .72815 .76398	.19774 .23381 .27314 .31534 .35596 .40641 .45405 .50219 .55011 .59715 .64264 .68602 .72682	•14031 •17109 •20575 •24413 •28591 •33064 •37774 •42653 •47627 •52617 •57545 •62337	.10453 .13073 .13073 .19547 .23387 .27594 .32124 .36916 .41898 .52111 .57172 .62093	.08077 .10321 .12975 .16056 .19565 .23487 .27789 .32423 .37325 .42417 .47615 .52628	.06421 .08358 .10694 .13458 .16662 .20306 .24370 .28817 .33592 .38623 .43829 .49117	.05221 .06907 .08977 .11466 .14397 .27613 .25863 .30488 .35424 .40593 .45905 .51264	.04325 .05805 .07650 .07950 .12590 .15738 .19348 .23403 .27869 .32690 .37795 .43095	.03638 .04948 .06602 .08647 .11122 .14055 .21325 .25630 .30327 .35349 .40613	.03101 .04267 .05759 .07625 .09911 .12649 .15861 .19549 .23696 .28263 .33191 .38404 .43807	.02673 .03718 .05070 .06781 .08898 .11461 .14496 .18015 .22008 .26446 .31275 .36423 .41801
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .88493 .90320 .91924 .93319	.29849 .33949 .38237 .42664 .47175 .51710 .56213 .60624 .64892 .72815 .76398 .79695 .82692 .85383 .877771 .89866	.19774 .23381 .27314 .31534 .35996 .40641 .45405 .50219 .55011 .59715 .64264 .68602 .72682 .72682 .76465 .79926 .83049 .85830	•14031 •17109 •20575 •24413 •28591 •33064 •37774 •42653 •47627 •52617 •57545 •62337 •66925 •71252 •75273 •78954 •82277	•10453 •13073 •16104 •19547 •23387 •27594 •32124 •36916 •41898 •46991 •52111 •57172 •62093 •66803 •77354 •79110	.08077 .10321 .12975 .16056 .19565 .23487 .27789 .32423 .37325 .42417 .47615 .52628 .57967 .62949 .67698 .72151 .76260	.06421 .08358 .10694 .13458 .16662 .20306 .24370 .28817 .33592 .38623 .43829 .49117 .54394 .59568 .64554 .69275 .73674	• 05221 • 06907 • 08977 • 11466 • 14397 • 17782 • 21613 • 25863 • 30488 • 35424 • 40593 • 45905 • 51264 • 56573 • 66674 • 71311	.04325 .05805 .07650 .079901 .12590 .15738 .19348 .23403 .27869 .32786	.03638 .04948 .06602 .08647 .11122 .14055 .17458 .21325 .25630 .30327 .35349 .40613 .46026 .51484 .56886 .62132	.03101 .04267 .05759 .07625 .09911 .12649 .15861 .19549 .23696 .28263 .33191 .38404 .43807 .49299 .54776 .60132 .65276	.02673 .03718 .05070 .06781 .08898 .11461 .14496 .18015 .22008 .26446 .31275 .36423 .41801 .47308 .52838 .58283
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.60	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .88134 .88433 .88493 .90320 .91924 .93319 .94520	.29849 .33949 .38237 .42664 .47175 .51710 .56213 .60624 .64892 .68969 .79695 .82692 .85383 .87771 .89866 .91681	.19774 .23381 .27314 .31534 .35596 .40641 .45405 .50219 .55011 .59715 .64264 .68602 .72682 .72682 .76465 .79926 .83049 .85830	.14031 .17109 .20575 .24413 .28591 .33064 .37774 .42653 .47627 .52617 .57545 .62337 .66925 .71252 .71252 .75273 .78954 .82277 .85234	.10453 .13073 .16104 .19547 .23387 .27594 .32124 .36916 .41898 .46991 .52111 .57172 .62093 .66803 .71240 .77354 .79110	*08077 *10321 *12975 *16056 *19565 *23487 *27789 *32423 *37325 *42417 *7615 *52628 *57967 *62949 *67698 *72151 *76260	.06421 .08358 .10694 .13458 .16662 .20306 .24370 .28817 .33592 .38623 .43829 .49117 .54394 .59568 .64554 .69275 .73674 .77703	.05221 .06907 .08977 .11466 .14397 .17782 .21613 .25883 .35424 .40593 .45905 .51264 .56573 .61737 .66674 .71311	.04325 .05805 .07650 .09901 .12590 .15738 .19348 .23403 .27869 .32795 .43095 .443095 .53895 .59195 .64304 .69140	.03638 .04948 .06602 .08647 .11122 .14055 .21325 .25630 .30327 .35349 .40613 .46026 .51484 .56886 .62132 .67135	.03101 .04267 .05759 .07625 .09911 .12649 .15861 .19549 .23696 .28263 .33191 .38404 .43807 .49299 .54776 .60132 .65276	.02673 .03718 .05070 .06781 .08898 .11461 .14496 .18015 .22008 .26446 .31275 .36423 .41801 .47308 .52838 .52838 .63544 .68532
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .88493 .90320 .91924 .93319	.29849 .33949 .38237 .42664 .47175 .51710 .56213 .60624 .68969 .72815 .76398 .79695 .82692 .85383 .87771 .89866 .91681 .93236	.19774 .23381 .27314 .31534 .31534 .35996 .40641 .45405 .50219 .55011 .59715 .64264 .68602 .72682 .72682 .76465 .79926 .83049 .85830 .88275	•14031 •17109 •20575 •24413 •28591 •33064 •42653 •47627 •52617 •57545 •66925 •71252 •75273 •78954 •82277 •85234 •87828	.10453 .13073 .13073 .16104 .19547 .23387 .27594 .32124 .36916 .41898 .46991 .52111 .57172 .62093 .66803 .77354 .77240 .82489 .85489	.08077 .10321 .12975 .16056 .19565 .23487 .32423 .37325 .42417 .47615 .52628 .57967 .62949 .72151 .76260 .79991	.06421 .08358 .10694 .13458 .16662 .20306 .24370 .28817 .33592 .38623 .43829 .49117 .54394 .59568 .64554 .69575 .73674 .77703	.05221 .06907 .08977 .11466 .14397 .17782 .21613 .25863 .30488 .35424 .40593 .45905 .51264 .56573 .61737 .66674 .71311 .75594	.04325 .05805 .07650 .07950 .12590 .15738 .19348 .23403 .27869 .32690 .37795 .43095 .48495 .59195 .64304 .69140 .77754	• 03638 • 04948 • 06602 • 08647 • 11122 • 14055 • 17458 • 21325 • 25630 • 30327 • 35349 • 40613 • 46026 • 51484 • 56886 • 62132 • 67135 • 71922 • 76125	.03101 .04267 .05759 .07625 .09911 .12649 .15861 .19549 .23696 .28263 .33191 .38404 .43807 .49299 .54776 .60132 .65276	.02673 .03718 .05070 .06781 .08898 .11461 .14496 .18015 .22008 .26446 .31275 .36423 .41801 .47308 .52838 .58283
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .88134 .88433 .88493 .90320 .91924 .93319 .94520 .95543 .96407 .97128	.29849 .33949 .38237 .42664 .47175 .51710 .56213 .60624 .68969 .72815 .76398 .79695 .82692 .85383 .87771 .89866 .91681 .93236	.19774 .23381 .27314 .31534 .31534 .35996 .40641 .45405 .50219 .55011 .59715 .64264 .68602 .72682 .76465 .79926 .83049 .88275 .90397 .92214	.14031 .17109 .20575 .24413 .28591 .33064 .37774 .42653 .47627 .57545 .62337 .66925 .71252 .75273 .78954 .82277 .85234 .87828 .90073	.10453 .13073 .16104 .19547 .23387 .27594 .32124 .36916 .41898 .46991 .52111 .57172 .62093 .66803 .71240 .75354 .79110 .82489 .885483 .88099 .90350	.08077 .10321 .12975 .16056 .19565 .23487 .27789 .32423 .37325 .42417 .47615 .526628 .57967 .62949 .72151 .76260 .79991 .83328 .86267 .88816	.06421 .08358 .10694 .13458 .16662 .20306 .24370 .28817 .33592 .38623 .43829 .49117 .54394 .59568 .64554 .69275 .73674 .77703 .81335 .84558	.05221 .06907 .08977 .11466 .14397 .17782 .21613 .25863 .30488 .35424 .40593 .45905 .51264 .56573 .61737 .66674 .71311 .75594 .79483 .82958	.04325 .05805 .07650 .079901 .12590 .15738 .19348 .23403 .27869 .32690 .37795 .43095 .48495 .53895 .59195 .64304 .69140 .77754 .81454	.03638 .04948 .06602 .08647 .11122 .14055 .21325 .25630 .30327 .35349 .40613 .46026 .51484 .56886 .62132 .67135 .71822 .76135 .80035	.03101 .04267 .05759 .07625 .09911 .12649 .15861 .19549 .23696 .28263 .33191 .38404 .43807 .49299 .54776 .70124 .74612 .78693 .82342	.02673 .03718 .05070 .06781 .08898 .11496 .18015 .22008 .26446 .31275 .36423 .41801 .47308 .52838 .52838 .52838 .63544 .68532 .73175 .77420 .81233
0.00 0.10 0.20 0.30 0.40 0.50 0.70 0.80 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.10	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725	.29849 .33949 .38237 .42664 .47175 .51710 .56213 .60624 .68969 .72815 .76398 .79695 .82692 .85383 .87771 .89866 .91681 .93236 .94552 .955654	.19774 .23381 .27314 .31534 .31534 .35996 .40641 .45405 .50219 .55011 .59715 .64264 .68602 .72682 .76465 .79926 .83049 .85830 .88275 .90397 .92214 .93751	•14031 •17109 •20575 •24413 •28591 •33064 •37774 •42653 •47627 •52617 •57545 •66925 •71252 •75273 •78954 •82277 •85234 •87828 •90073 •919606	.10453 .13073 .13073 .16104 .19547 .23387 .27594 .32124 .36916 .41898 .46991 .52111 .57172 .62093 .66803 .77354 .79110 .82489 .85483 .88099 .90350 .92262	.08077 .10321 .12975 .16056 .19565 .23487 .32423 .37325 .42417 .47615 .52628 .57967 .62949 .72151 .76260 .79991 .83328 .86267 .88816 .90995	.06421 .08358 .10694 .13458 .16662 .20306 .24370 .28817 .33592 .38623 .43829 .49117 .54394 .69275 .73674 .77703 .81335 .84558 .87373 .89795	.05221 .06907 .08977 .11466 .14397 .17782 .21613 .25863 .30488 .35424 .40593 .45905 .51264 .56573 .66674 .71311 .75594 .79483 .886573	.04325 .05805 .07650 .07950 .12590 .15738 .19348 .23403 .27869 .32690 .37795 .43095 .48495 .53895 .64304 .69140 .73640 .7754 .81454 .84726	• 03638 • 04948 • 06602 • 08647 • 11122 • 14055 • 17458 • 21325 • 25630 • 30327 • 35349 • 40613 • 46026 • 51484 • 556886 • 62132 • 67135 • 76125 • 76125 • 80350 • 83504 • 86538	.03101 .04267 .05759 .07625 .09911 .12649 .15861 .19549 .23696 .28263 .33191 .38404 .43807 .49299 .54776 .60132 .65276 .70124 .74612 .78693 .82342 .85548	.02673 .03718 .05070 .06781 .08898 .11461 .14496 .18015 .22408 .26446 .31275 .36423 .41801 .47308 .52838 .52838 .58283 .63544 .68532 .73175 .77420 .81233 .84600
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.10 2.20	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .88493 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214	• 29849 • 33949 • 33949 • 38237 • 42664 • 47175 • 51710 • 56213 • 60624 • 64892 • 72815 • 76398 • 79695 • 82692 • 85383 • 87771 • 89866 • 91681 • 94552 • 94552 • 95654 • 96566	.19774 .23381 .27314 .31534 .35996 .40641 .45405 .50219 .55011 .59715 .64264 .68602 .72682 .76465 .79926 .83049 .85830 .88275 .90397 .92214 .93751 .95036 .96096	•14031 •17109 •20575 •24413 •28591 •33064 •37774 •42653 •47627 •52617 •57545 •66925 •71252 •75273 •78273 •85234 •87828 •90073 •91990 •93606 •94949	•10453 •13073 •16104 •19547 •23387 •27594 •32124 •36916 •41898 •46991 •52111 •57172 •62093 •66803 •71240 •77354 •79110 •82489 •8483 •88099 •90350 •92262 •93863	.08077 .10321 .12975 .16056 .19565 .23487 .27789 .32423 .37325 .42417 .47615 .52828 .57967 .62949 .67698 .72151 .76260 .79991 .83328 .86267 .88816 .90995	.06421 .08358 .10694 .13458 .16662 .20306 .24370 .28817 .33592 .38623 .43829 .49117 .54394 .69275 .73674 .77703 .81335 .81355 .81355 .81355 .81355	.05221 .06907 .08907 .11466 .14397 .17782 .21613 .25863 .30488 .35424 .40593 .45905 .51264 .56573 .66674 .71311 .75594 .79483 .82958 .86013 .88657 .90909	.04325 .05805 .07650 .09901 .12590 .15738 .19348 .23403 .27869 .32690 .37795 .43095 .53895 .53895 .53895 .64304 .69140 .77754 .81454 .81454 .84726 .87572	• 03638 • 04948 • 06602 • 08647 • 11122 • 114055 • 17458 • 21325 • 25630 • 30327 • 35349 • 40613 • 46026 • 51484 • 56886 • 62132 • 467135 • 771822 • 76125 • 80035 • 83504 • 86538 • 89148	.03101 .04267 .05759 .07625 .09911 .12649 .15861 .19549 .23696 .28263 .33191 .38404 .43807 .49299 .54776 .60132 .65276 .70124 .74612 .78693 .82342 .85548 .88319	.02673 .03718 .05070 .06781 .08898 .11461 .14496 .18015 .22008 .26446 .31275 .36423 .41801 .47308 .52838 .58283 .63544 .68532 .73175 .77420 .81233 .84600 .87521
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0.00 0.10 0.20 0.30 0.40 0.50 0.70 0.80 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.10 2.20 2.10 2.20 2.40 2.50 2.60 2.70	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214 .98610 .98928 .99180 .99379 .99534	.29849 .33949 .38237 .42664 .47175 .51710 .56213 .60624 .68969 .72815 .76398 .79695 .82692 .85383 .87771 .89866 .91681 .93236 .94552 .955654 .97313 .97917 .98401 .98784 .99884	.19774 .23381 .27314 .31534 .31534 .35996 .40641 .45405 .50219 .55011 .59715 .64264 .68602 .72682 .72682 .76465 .79926 .83049 .85830 .88275 .90397 .92214 .93751 .95036 .96996 .96996 .96996 .98213 .98650 .98990	•14031 •17109 •20575 •24413 •28591 •33064 •37774 •42653 •47627 •52617 •57545 •66925 •71252 •75273 •7827 •85234 •87828 •90073 •91990 •93606 •94949 •96052 •96052 •97663 •98230 •98230	.10453 .13073 .13073 .14104 .19547 .23387 .27594 .32124 .36916 .41898 .46991 .52111 .57172 .62093 .66803 .77354 .79110 .82489 .9350 .92262 .93863 .95186 .97132 .97182 .97822 .97822	.08077 .10321 .12975 .16056 .19565 .23487 .32423 .37325 .42417 .47615 .52828 .57967 .62949 .67698 .72151 .76260 .79991 .83328 .86267 .88816 .90995 .92831 .94357 .95608 .96619 .97426	.06421 .08358 .10694 .13458 .16662 .20306 .24370 .28817 .33592 .49117 .54394 .59568 .64554 .69275 .73674 .77703 .81335 .84358 .87373 .89795 .91848 .93563 .93563 .93563 .94975 .96122 .97040 .97766	.05221 .06907 .08907 .11466 .14397 .17782 .21613 .25863 .30488 .35424 .40593 .45905 .51264 .56573 .61677 .66674 .71311 .75594 .79483 .88657 .99099 .92800 .94365 .95640 .96665 .97478	.04325 .05805 .07650 .07950 .12590 .157348 .23403 .27869 .32690 .37795 .43095 .53895 .53895 .64304 .69140 .73640 .7754 .81454 .84726 .87572 .90010 .92067 .93774 .95299 .97196	• 03638 • 04948 • 06602 • 11122 • 14055 • 17458 • 21325 • 25630 • 30327 • 35349 • 40613 • 46026 • 51484 • 56886 • 62132 • 67135 • 76125 • 83504 • 86538 • 89148 • 91359 • 93203 • 94717 • 95943 • 96920	.03101 .04267 .05759 .07625 .09911 .12649 .15861 .19549 .23696 .33191 .38404 .43807 .49299 .54776 .70124 .74612 .78693 .82348 .88348 .89348 .8	.02673 .03718 .05070 .06781 .08898 .11461 .14496 .18015 .22408 .26446 .31275 .36423 .41801 .47308 .52838 .52838 .63544 .68532 .73175 .77420 .61233 .84600 .87521 .90015 .92111 .93843 .95254 .96385
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.50 1.70 1.80 1.70 1.80 1.70 1.80 2.10 2.10 2.10 2.10 2.20 2.30 2.40 2.50 2.60	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214 .98610 .98928 .99180	.29849 .33949 .38237 .42664 .47175 .51710 .56213 .60624 .68969 .72815 .76398 .79695 .82692 .85383 .87771 .89866 .91681 .94555 .94554 .94554 .95554 .96566 .97313 .97917 .98401 .98784	.19774 .23381 .27314 .31534 .35996 .40641 .45405 .50219 .55011 .59715 .64264 .68602 .72682 .76465 .79926 .83049 .88275 .90397 .92214 .93751 .94096 .96961 .97658 .98650	•14031 •17109 •20575 •24413 •28591 •33064 •37774 •42653 •47627 •52617 •57545 •62337 •66925 •71252 •75273 •82277 •85234 •87828 •90073 •91990 •93606 •94949 •96052 •96947 •97663 •98230	.10453 .13073 .16104 .19547 .23387 .27594 .32124 .36916 .41898 .46991 .52111 .57172 .62093 .66803 .71240 .77354 .79110 .82489 .88099 .90350 .92262 .93863 .95186 .96264 .97132 .97822 .98363	.08077 .10321 .12975 .16056 .19565 .23487 .27789 .32423 .37325 .42417 .47615 .52828 .57967 .62949 .67698 .72151 .76260 .79991 .83328 .86267 .88816 .90995 .92831 .94357 .95608 .96619 .97426 .98555	.06421 .08358 .10694 .13458 .16662 .20306 .24370 .28817 .33592 .38623 .43829 .49117 .54394 .59568 .64554 .69275 .73674 .77703 .81335 .84558 .87373 .89795 .91848 .93563 .94975 .96122	.05221 .06907 .08977 .11466 .14397 .17782 .21613 .25863 .30488 .35424 .40593 .45905 .51264 .56573 .61737 .66674 .71311 .75594 .79483 .88657 .79483 .88657 .9909 .92800 .94365 .95640	.04325 .05805 .07650 .079901 .12590 .15738 .19348 .23403 .27869 .32690 .37795 .43095 .43095 .48495 .53895 .53895 .59195 .64304 .69140 .77754 .81454 .84726 .87572 .90010 .92067 .93774 .95172 .96299	.03638 .04948 .066047 .11122 .14055 .17458 .21325 .25630 .30327 .35349 .40613 .46026 .51484 .56886 .62132 .67135 .83504 .86538 .89146 .91359 .93203 .94717 .95943	.03101 .04267 .05759 .07625 .09911 .126861 .19549 .28263 .33191 .38404 .43807 .49299 .54776 .60132 .65276 .70124 .74612 .78693 .82342 .85548 .88342 .85548 .88342 .85548 .88342 .85548 .88342 .85548 .88342 .85548 .88342 .85548 .88342 .85548 .88342 .85548 .88342 .85548 .88342 .85548 .88342 .85558 .89358 .99358 .89358	.02673 .03718 .05070 .06781 .08898 .11461 .14496 .18015 .22008 .26446 .31275 .36423 .41801 .47308 .52838 .52838 .52838 .63544 .68532 .73175 .77420 .81233 .84600 .81233 .84600 .87521 .90015 .92111 .93843 .95254
0.00 0.10 0.20 0.40 0.50 0.70 0.80 0.70 0.80 1.00 1.10 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.10 2.20 2.10 2.20 2.40 2.50 2.60 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .97725 .98214 .98610 .98928 .99180 .99379 .99534 .99379	.29849 .33949 .38237 .42664 .47175 .51710 .560624 .64892 .72815 .76398 .79695 .82692 .85383 .87771 .89866 .91681 .93236 .94552 .95554 .955656 .97313 .97917 .98401 .98784	.19774 .23381 .27314 .31534 .35996 .40641 .45405 .50219 .55011 .59715 .64264 .68602 .72682 .72682 .72682 .74665 .79926 .83049 .85830 .88275 .90397 .92214 .93751 .95036 .96961 .97658 .98213 .98650 .98850 .98990	•14031 •17109 •20575 •24413 •28591 •33064 •37774 •42653 •47627 •52617 •57545 •66925 •71252 •75273 •78954 •82277 •85234 •87828 •90073 •91990 •93606 •94949 •96052 •96947 •97663 •98230 •98673	.10453 .13073 .13073 .14104 .19547 .23387 .27594 .32124 .36916 .41898 .46991 .52111 .57172 .62093 .66803 .77354 .79110 .82489 .9350 .92262 .93863 .95186 .97132 .97182 .97822 .97822	.08077 .10321 .12975 .16056 .19565 .23487 .32423 .37325 .42417 .47615 .52828 .57967 .62949 .67698 .72151 .76260 .79991 .83328 .86267 .88816 .90995 .92831 .94357 .95608 .96619 .97426	.06421 .08358 .10694 .13458 .16662 .20306 .24370 .28817 .33592 .38623 .43829 .49117 .54394 .59568 .64554 .69275 .73674 .77703 .81335 .887373 .89795 .91848 .93563 .93563 .93563 .93766 .99104	.05221 .06907 .08907 .11466 .14397 .17782 .21613 .25863 .30488 .35424 .40593 .45905 .51264 .56573 .61737 .66674 .71311 .75594 .7483 .88657 .90909 .94365 .95640 .96665 .97478 .98114	.04325 .05805 .07650 .09901 .12590 .15738 .19348 .23403 .27869 .32690 .37795 .43095 .53895 .53895 .64304 .69140 .7754 .81454 .81454 .84726 .87572 .90010 .92067 .93774 .95172 .96299 .97196	.03638 .04948 .06602 .08647 .11122 .14055 .17458 .21325 .25630 .30327 .35349 .40613 .46026 .51484 .56886 .62132 .67135 .71822 .76135 .83504 .86538 .89148 .91359 .93203 .94717 .95943 .96920	.03101 .04267 .057625 .09911 .12649 .15861 .19549 .23696 .33191 .38404 .43807 .49299 .54776 .60132 .65276 .70124 .74612 .78693 .82342 .85548 .88548 .88548 .98676 .92648 .94274 .95594 .96650 .97483 .98130 .98627	.02673 .03718 .05070 .06781 .08898 .11461 .14496 .18015 .22408 .26446 .31275 .36423 .41801 .47308 .52838 .52838 .58283 .63544 .68532 .73175 .77420 .81233 .84600 .87521 .90015 .92111 .93843 .95254 .96385 .97280 .977280
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.70 1.80 1.90 2.00 2.10 2.20 2.30 2.50	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .97128 .97725 .98214 .98610 .98928 .99180 .99379 .99534 .99653 .99744 .99613 .99813 .99813 .99865 .999813	.29849 .33949 .38237 .42664 .47175 .51710 .560624 .64892 .72815 .76398 .79695 .82692 .85383 .87771 .89866 .91681 .93236 .94552 .95554 .96566 .97313 .97917 .98401 .98784 .99988	.19774 .23381 .27314 .31534 .35996 .40641 .45405 .50219 .55011 .59715 .64264 .68602 .72682 .72682 .72682 .72682 .79926 .83049 .85830 .88275 .90397 .92214 .93751 .95036 .96961 .97658 .98213 .98650 .98990 .99452 .99452	•14031 •17109 •20575 •24413 •28591 •33064 •37774 •42653 •47627 •52617 •57545 •62337 •66925 •71252 •75273 •78273 •78273 •78273 •78274 •9954 •94949 •96652 •96947 •97663 •98230 •98230 •98230 •98276 •99276 •99276 •99474 •99621	.10453 .13073 .16104 .19547 .23387 .27594 .32124 .36916 .41898 .46991 .52111 .57172 .62093 .66803 .71240 .77354 .79110 .82489 .88099 .90350 .92262 .93863 .95186 .96264 .97132 .97822 .98363 .97822 .98363 .997822 .98363 .997822 .98363 .99782 .998363	.08077 .10321 .12975 .16056 .19565 .23487 .27789 .32423 .37325 .42417 .47615 .52828 .57967 .62949 .67698 .72151 .76260 .79991 .83328 .86267 .88816 .90995 .92831 .94357 .95608 .96619 .978061 .98555 .98935 .98935 .99439	.06421 .08358 .10694 .13458 .16662 .20306 .24370 .28817 .33592 .38623 .43829 .49117 .54394 .59568 .64554 .69275 .73674 .77703 .81335 .84758 .84758 .84758 .84758 .84758 .94975 .91848 .93563 .94975 .96122 .97766 .98333 .98769 .99101 .99350	.05221 .06907 .08907 .11466 .14397 .17782 .21613 .25863 .30488 .35424 .40593 .45905 .51264 .56573 .61737 .66674 .71311 .75594 .7483 .88657 .88657 .90909 .92800 .94365 .97478 .98605 .97478 .98605 .98605 .98605 .98605 .98605 .98605	.04325 .05805 .07650 .09901 .12590 .15738 .19348 .23403 .27869 .32690 .37795 .48495 .53895 .53895 .64304 .69140 .73640 .7754 .81454 .84726 .87572 .90010 .92067 .93774 .95172 .96299 .97196 .97900 .98445 .98861 .99175	.03638 .04948 .06602 .08647 .11122 .14055 .17458 .21325 .25630 .30327 .35349 .40613 .46026 .51484 .56886 .62132 .67135 .71822 .76125 .83504 .86538 .89148 .91359 .93203 .94717 .9594 .97690 .97690 .98286 .98743 .99088	.03101 .04267 .05759 .07625 .09911 .12649 .15861 .19549 .23696 .28263 .33191 .38404 .43807 .49299 .54776 .60132 .65276 .70124 .74612 .78693 .82342 .85548 .85548 .92648 .94274 .95650 .97483 .98650 .97483 .98130 .98627	.02673 .03718 .05070 .06781 .08898 .11461 .14496 .18015 .22008 .26446 .31275 .36423 .41801 .47308 .52838 .58283 .63544 .68532 .73175 .77420 .81233 .84600 .87521 .90015 .92111 .93843 .95254 .96385 .97280 .97280 .97977 .98513 .98919
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.50 1.60 1.70 1.80 1.80 1.90 2.10 2.20 2.30 2.40 2.50 2.60 2.70 2.80 2.70 2.80 2.90 3.00	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .97725 .98814 .98610 .99928 .99933 .99953 .99953 .99953 .99965 .9996 .99965 .99966 .99965 .99	.29849 .33949 .38237 .42664 .47175 .51710 .56213 .60624 .68969 .72815 .76398 .79695 .82692 .85383 .87771 .89866 .91681 .93236 .94552 .95654 .96566 .97313 .97917 .98401 .98784 .9984 .99984 .99984 .99988	.19774 .23381 .27314 .31534 .31534 .35996 .40641 .4550219 .55011 .59715 .64264 .68602 .72682 .76465 .79926 .83049 .88275 .90397 .9214 .95036 .96096 .96991 .97658 .98213 .98650 .98990 .99452 .99452 .99452 .99452	•14031 •17109 •20575 •24413 •28591 •33064 •37774 •42653 •47627 •52617 •57545 •66925 •71252 •75273 •78273 •82277 •85234 •87828 •90973 •969474 •96947 •96947 •96947 •96947 •99015 •99276 •99474 •99276	.10453 .13073 .16104 .19547 .23387 .27594 .32124 .36916 .41898 .52111 .57117 .62093 .66803 .71240 .75354 .79110 .82489 .85483 .88099 .92262 .93863 .95186 .96264 .97132 .9782 .9782 .9782 .9783 .98783 .98783 .99104 .99347 .99530	.08077 .10321 .12975 .16056 .19565 .23487 .27789 .32423 .37325 .42417 .47615 .52628 .57947 .62949 .72151 .76260 .79991 .83328 .86267 .88816 .90995 .92831 .94357 .95608 .96619 .97426 .98061 .98555 .98935 .99439 .99599	.06421 .08358 .10694 .13458 .16662 .20306 .24370 .28817 .33592 .38623 .43829 .49117 .54394 .59568 .64554 .69275 .73674 .77703 .81335 .84558 .87373 .89795 .91848 .93563 .94975 .96122 .97040 .97766 .98333 .98769 .99101 .99350	.05221 .06907 .08977 .11466 .14397 .17782 .21613 .25863 .30488 .35424 .40593 .45905 .51264 .56573 .61737 .66674 .71311 .75594 .86013 .88657 .994365 .92640 .96665 .97414 .98605 .98980 .99262 .99471	.04325 .05805 .07650 .079901 .12590 .15738 .19348 .23403 .27869 .32690 .37795 .43095 .43095 .48495 .53895 .59195 .64304 .69140 .73640 .77754 .81454 .84726 .87572 .90010 .92067 .93774 .95172 .9029 .97196 .97900 .98445 .99861 .99175 .99408	.03638 .04948 .06647 .11122 .14055 .17458 .21325 .25630 .30327 .35349 .40613 .46026 .51484 .56886 .62132 .67135 .83504 .86538 .91359 .93203 .94717 .95943 .96969 .97690 .98286 .98743 .99088	.03101 .04267 .05759 .07625 .09911 .12649 .12649 .28263 .33191 .38404 .43807 .49299 .54776 .60132 .65276 .70124 .74612 .78693 .74612 .78693 .79648 .98650 .97483 .98650 .97483 .98130 .98627 .99003	.02673 .03718 .05070 .06781 .08898 .11461 .14496 .18015 .22008 .26446 .31275 .36423 .41801 .47308 .52838 .52838 .52838 .63544 .68532 .73175 .77420 .81233 .84600 .81233 .84600 .81233 .84600 .81233 .84600 .81233 .84600 .81233 .84600 .81233 .84600 .81233 .84600 .81233 .84600 .81233 .84600 .81233 .84600 .87521 .90615 .92611 .93843 .95254 .96385 .97280 .97977 .98513 .98919 .99223
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.70 1.80 1.90 2.00 2.10 2.20 2.30 2.50	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .97128 .97725 .98214 .98610 .98928 .99180 .99379 .99534 .99653 .99744 .99613 .99813 .99813 .99865 .999813	.29849 .33949 .38237 .42664 .47175 .51710 .560624 .64892 .72815 .76398 .79695 .82692 .85383 .87771 .89866 .91681 .93236 .94552 .95554 .96566 .97313 .97917 .98401 .98784 .99988	.19774 .23381 .27314 .31534 .35996 .40641 .45405 .50219 .55011 .59715 .64264 .68602 .72682 .72682 .72682 .72682 .79926 .83049 .85830 .88275 .90397 .92214 .93751 .95036 .96961 .97658 .98213 .98650 .98990 .99452 .99452	•14031 •17109 •20575 •24413 •28591 •33064 •37774 •42653 •47627 •52617 •57545 •62337 •66925 •71252 •75273 •78273 •78273 •78273 •78274 •9954 •94949 •96652 •96947 •97663 •98230 •98230 •98230 •98276 •99276 •99276 •99474 •99621	.10453 .13073 .16104 .19547 .23387 .27594 .32124 .36916 .41898 .46991 .52111 .57172 .62093 .66803 .71240 .77354 .79110 .82489 .88099 .90350 .92262 .93863 .95186 .96264 .97132 .97822 .98363 .97822 .98363 .997822 .98363 .997822 .98363 .99782 .998363	.08077 .10321 .12975 .16056 .19565 .23487 .27789 .32423 .37325 .42417 .47615 .52828 .57967 .62949 .67698 .72151 .76260 .79991 .83328 .86267 .88816 .90995 .92831 .94357 .95608 .96619 .978061 .98555 .98935 .98935 .99439	.06421 .08358 .10694 .13458 .16662 .20306 .24370 .28817 .33592 .38623 .43829 .49117 .54394 .59568 .64554 .69275 .73674 .77703 .81335 .84758 .84758 .84758 .84758 .84758 .94975 .91848 .93563 .94975 .96122 .97766 .98333 .98769 .99101 .99350	.05221 .06907 .08907 .11466 .14397 .17782 .21613 .25863 .30488 .35424 .40593 .45905 .51264 .56573 .61737 .66674 .71311 .75594 .7483 .88657 .88657 .90909 .92800 .94365 .97478 .98605 .97478 .98605 .98605 .98605 .98605 .98605 .98605	.04325 .05805 .07650 .09901 .12590 .15738 .19348 .23403 .27869 .32690 .37795 .48495 .53895 .53895 .64304 .69140 .73640 .7754 .81454 .84726 .87572 .90010 .92067 .93774 .95172 .96299 .97196 .97900 .98445 .98861 .99175	.03638 .04948 .06602 .08647 .11122 .14055 .17458 .21325 .25630 .30327 .35349 .40613 .46026 .51484 .56886 .62132 .67135 .71822 .76125 .83504 .86538 .89148 .91359 .93203 .94717 .9594 .97690 .97690 .98286 .98743 .99088	.03101 .04267 .05759 .07625 .09911 .12649 .15861 .19549 .23696 .28263 .33191 .38404 .43807 .49299 .54776 .60132 .65276 .70124 .74612 .78693 .82342 .85548 .85548 .92648 .94274 .95650 .97483 .98650 .97483 .98130 .98627	.02673 .03718 .05070 .06781 .08898 .11461 .14496 .18015 .22008 .26446 .31275 .36423 .41801 .47308 .52838 .58283 .63544 .68532 .73175 .77420 .81233 .84600 .87521 .90015 .92111 .93843 .95254 .96385 .97280 .97280 .97977 .98513 .98919
0.00 0.10 0.20 0.40 0.50 0.70 0.80 0.70 0.80 1.00 1.10 1.30 1.40 1.50 1.40 1.50 1.80 1.90 2.10 3.10	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214 .98610 .98928 .99180 .99379 .99534 .99653 .99653 .99744 .99813 .99963 .99903 .99903 .99903	.29849 .33949 .38237 .42664 .47175 .51710 .56213 .60624 .68969 .72815 .76398 .79695 .82692 .85383 .87771 .89866 .91681 .93236 .94552 .955654 .97313 .97917 .98784 .99883 .999831 .99732 .99883	.19774 .23381 .27314 .31534 .31534 .35996 .40641 .45405 .50219 .55011 .59715 .64264 .68602 .76465 .79926 .83049 .85830 .88275 .90397 .92214 .93751 .95036 .96996 .96996 .98990 .98952 .99452 .99452 .99452 .99452 .99452 .99452	•14031 •17109 •20575 •24413 •28591 •33064 •37774 •42653 •47627 •52617 •57545 •66925 •71252 •75273 •7828 •90073 •91900 •94949 •96052 •94949 •96052 •96052 •98230 •98230 •98230 •98230 •98230 •98230 •98230 •98230 •98230 •99276 •99474 •99474 •99621	.10453 .13073 .13073 .14104 .19547 .23387 .27594 .32124 .36916 .41898 .52111 .57172 .62093 .66803 .77354 .79110 .82489 .93863 .918483 .95186 .92562 .93863 .95186 .97822 .97822 .97822 .97822 .97822 .97822 .97827 .99530 .99530 .99547 .99530	.08077 .10321 .12975 .16056 .19565 .23487 .32423 .37325 .42417 .47615 .52828 .57967 .62949 .67698 .72151 .76260 .79991 .83328 .86267 .88816 .90995 .92831 .94357 .95608 .96619 .97426 .98061 .98555 .98061 .98555 .99223 .99439 .99599	.06421 .08358 .10694 .13458 .16662 .20306 .24370 .28817 .33592 .38623 .43829 .49117 .54394 .59568 .64554 .69275 .73674 .77703 .81335 .887373 .89795 .91848 .93563 .93563 .93563 .93675 .96122 .97040 .97766 .98333 .98769 .99101 .99535	.05221 .06907 .08907 .11466 .14397 .17782 .21613 .25863 .30488 .35424 .40593 .45905 .51264 .56573 .61677 .66674 .71311 .75594 .79598 .88657 .99099 .92800 .94365 .97478 .98114 .98605 .99262 .99471 .99675	.04325 .05805 .07650 .07950 .12590 .157348 .23403 .27869 .32690 .37795 .43095 .53895 .53895 .64304 .69140 .73640	• 03638 • 04948 • 06602 • 11122 • 14055 • 17458 • 21325 • 25630 • 30327 • 35349 • 40613 • 46026 • 51484 • 56886 • 62132 • 67135 • 76125 • 80035 • 83504 • 91359 • 93203 • 94717 • 95943 • 996920 • 98743 • 997690 • 98286 • 997346 • 99536	.03101 .04267 .057525 .07911 .12649 .15861 .19549 .23696 .33191 .38404 .43807 .49299 .54776 .70124 .74612 .78693 .82348 .88319 .90676 .92648 .94274 .95594 .96650 .97483 .98130 .99492	.02673 .03718 .05070 .06781 .08898 .11461 .1496 .18015 .22008 .26446 .31275 .36423 .41801 .47308 .52838 .58283 .63544 .68532 .73175 .77420 .81233 .84600 .87521 .90015 .9211 .93843 .95254 .96385 .97977 .97977 .98919 .99223

Probability that  $\,$  N  $\,$  standard normal random variables with common correlation  $\,$   $\rho$   $\,$  are simultaneously less than or equal to  $\,$  H  $\,$ 

$\rho = 1/$	'3
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									-			
/ "	1	2	3	4	5	6	7	8	9	10	1.1	1 2
- H												
/	1											
3 • 50	•00023	•00000	•00000	•00000	•00000	•00000	.00000	.00000	•00000	•00000	•00000	•00000
3.40	•00034	• 00000	•00000	.00000	•00000	.00000	.00000	• 00000	•00000	•00000	•00000	•00000
3.30	.00048	.00001	.00000	.00000	•00000	.00000	•00000	• 00000	•00000	•00000	•00000	.00000
3.20	•00069	.00001	•00000	•00000	• 00000	•00000	•00000	. 00000	•00000	•00000	.00000	• COOOC
3.10	•00097 •00135	.00003	•00000	•00000	•00000	•00000	•00000	• 00000	•00000	•00000	•00000	•00000
2.90	.00187	•00005	•00000	•00000	•00000	•00000	.00000	• 000000	•00000	•00000	.00000	.00000
2.80	.00256	.00008	•000001	•00000	•00000	•00000	.00000	.00000	.00000 .00000	•00000	•00000	.00000
2.70	.00347	.00013	•00001	•00000	•00000	•00000	.00000	• 00000	•00000	•00000	.00000	.00000
2.60	.00466	.00020	.00002	•00000	•00000	•00000	•00000	• 00000	•00000	•00000	•00000	•00000
2.50	•00621	.00031	.00004	•00001	•00000	•00000	.00000	• 00000	.00000	•00000	•00000	•00000
2.40	•00820	•00048	•00007	•00002	• 00000	.00000	.00000	.00000	.00000	•00000	.00000	.00000
2.30	•01072	•00072	•00011	.00003	• 00001	•00000	•00000	• 00000	•00000	• COOOO 1	•00000	.00000
2.20	•01390	.00108	.00018	•00005	•00002	•00001	• 00000	• 00000	•00000	•00000	.00000	.00000
5 + 10	.01786	•00159	.00029	.0000B	£00003	•00001	• 00001	• 00000	•00000	•00000	•00000	.00000
2.00	.02275	00231	.00046	.00014	•00005	.00002	•00001	• 00001	.00000	•00000	.00000	.00000
1 • 90 1 • 80	•02872 •03593	+00331 +00469	.00072 .00111	.00023 .00037	•00009 •00015	•00004 •00007	• 00002 • 00004	• 00001 • 00002	•00001	•00000	•00000	•00000
1.70	.04457	.00656	.00168	•00059	•00015	.00013	•00007	.00002	.00001	•00001 •00002	.00001	.00000
1.60	.05480	.00906	.00251	.00093	.00042	.00022	.00007	.00007	.00005	•00003	•00002	•00002
1.50	·06681	.01234	.00368	.00145	88000	•00036	.00021	• 00013	•00005	•00006	.00004	.00003
1.40	•08076	.01661	.00532	.00220	.00108	.00059	.00035	.00022	.00015	.00010	•00007	.00006
1.30	.096B0	.02207	•00758	•00330	•00168	.00095	.00058	.00038	.00026	.00018	.00013	.00010
1.20	•11507	02896	.01063	·00486	•00257	.00150	•00094	.00063	.00043	.00031	.00023	.00018
1.10	•13567	.03754	.01469	•00705	•00386	.00232	•00150	.00102	•00072	•00053	.00040	.00031
1.00	•15866	•04807	.02002	.01005	•00571	.00353	.00233	.00162	.00117	.00087	.00066	100052
0.90 0.80	18406	• 060B3	.02688	•01411	•00829	.00528	.00357	• 00253	•001B6	•00141	•00109	•00086
0.70	·21186	•07607 •09402	•03558	.01948	•01185	•00776	•00537	•00388	•00290	•00223	•00175	.00140
0.60	.27425	11489	•04644 •05978	•02 <b>64</b> 9 •03547	•01664 •02298	•01119 •01586	•00792 •01147	• 00583 • 00860	.00443	.00346 .00526	.00275 .00425	.00223 .00349
0.50	•30854	13881	•07591	.04678	•03123	.02209	•01631	.01246	•00665 •00978	•00328	+00642	.00533
0.40	.34458	.16586	.09512	.06076	.04176	.03024	.02280	•01772	.01413	.01150	.00952	.00333
0.30	•38209	.19604	.11763	•07778	· 05495	.04072	.03130	.02475	.02003	.01651	.01383	.01174
0.20	.42074	• 22928	.14360	.09813	•07119	.05393	.04224	.03395	.02787	.02328	.01972	.01692
0.10	•46017	• 26538	• 17311	12206	•09082	.07028	.05604	·04576	·03808	•03221	.02760	.02392
0.00	•50000											
	130000	+30409	•20613	•14974	•11413	•09012	•07311	• 06061	•05113	•04375	.03790	.03318
7												
/n	1	2	3	4	5	6	7	• 06061	•05113	10	11	.03318
7												
7												
, n												
H N	1	2	3	4	5	6	7	8	9	10	11	12
H 0.00	.50000	.30409	.20613	.14974	•11413	.09012	•07311	.06061	.05113	.04375	.03790	.03318
H N	1	.30409 .34504	.20613 .24251	•14974 •18121	•11413 •14133	.09012 .11377	.07311 .09384	• 06061 • 07893	•05113 •06744	.04375 .05838	.03790 .05111	.03318 .04516
0.00	.50000 .53983	.30409	.20613 .24251 .28201	•14974 •18121 •21642	•11413 •14133 •17250	.09012 .11377 .14144	.07311 .09384 .11853	• 06061 • 07893 • 10109	.05113 .06744 .08744	.04375 .05838 .07654	.03790 .05111 .06768	.03318 .04516 .06036
0.00 0.10 0.20 0.30	.50000 .53983 .57926	.30409 .34504 .38780	.20613 .24251	•14974 •18121	•11413 •14133	.09012 .11377	.07311 .09384	• 06061 • 07893 • 10109	.05113 .06744 .08744	.04375 .05838 .07654 .09863	.03790 .05111 .06768	.03318 .04516 .06036
0.00 0.10 0.20 0.30 0.40 0.50	.50000 .53983 .57926 .61791 .65542	.30409 .34504 .38780 .43187 .47670	.20613 .24251 .28201 .32423 .36871 .41489	•14974 •18121 •21642 •25516	.11413 .14133 .17250 .20763 .24653	.09012 .11377 .14144	.07311 .09384 .11853	• 06061 • 07893 • 10109	.05113 .06744 .08744	.04375 .05838 .07654	.03790 .05111 .06768	.03318 .04516 .06036
H 0.00 0.10 0.20 0.30 0.40 0.50 0.60	.50000 .53983 .57926 .61791 .65542 .69146	.30409 .34504 .38780 .43187 .47670 .52173	.20613 .24251 .28201 .32423 .3687 .41489 .46212	.14974 .18121 .21642 .25516 .2971 .34180	.11413 .14133 .17250 .20763 .24653 .28887 .33418	.09012 .11377 .14144 .17324 .20913 .24891 .29223	.07311 .09384 .11853 .14739 .18049 .21777 .25897	.06061 .07893 .10109 .12737	.05113 .06744 .08744 .11149	.04375 .05838 .07654 .09863	.03790 .05111 .06768 .08805	.03318 .04516 .06036 .07922 .10217
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804	.30409 .34504 .38780 .43187 .47670 .52173 .56638	.20613 .24251 .28201 .32423 .36871 .41489 .46212 .50974	.14974 .18121 .21642 .25516 .29711 .34180 .38866 .43703	.11413 .14133 .17250 .20763 .24653 .28887 .33418 .36187	.09012 .11377 .1414 .17324 .20913 .24891 .29223 .33858	.07311 .09384 .11853 .14739 .18049 .21777 .25897	.06061 .07893 .10109 .12737 .15796 .19288 .23200 .27501	.05113 .06744 .08744 .11149 .13983 .17258 .20971 .25100	.04375 .05838 .07654 .09863 .12497 .15574 .19100	.03790 .05111 .06768 .08805 .11260 .14157 .1750 .21310	.03318 .04516 .06036 .07922 .10217 .12950 .16140
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804	.30409 .34504 .38780 .43187 .47670 .52173 .56638 .61010	.20613 .24251 .28201 .32423 .36871 .41489 .46212 .50974 .55707	.14974 .18121 .21642 .25516 .29711 .34180 .38866 .43703 .48618	.11413 .14133 .17250 .20763 .24653 .28687 .33418 .36187 .43124	.09012 .11377 .14144 .17324 .20913 .24891 .24891 .29223 .33858 .38733	.07311 .09384 .11853 .14739 .18049 .21777 .25897 .30371 .35140	.06061 .07893 .10109 .12737 .15796 .19288 .23200 .27501 .32143	9 .05113 .06744 .08744 .11149 .13983 .17258 .20971 .25100 .29605	.04375 .05838 .07654 .09863 .12497 .15574 .19100 .23061	.03790 .05111 .06768 .08805 .11260 .14157 .17508 .21310	.03318 .04516 .06036 .07922 .10217 .12950 .16140 .19789 .23880
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814	.30409 .34504 .38780 .43187 .47670 .52173 .56638 .61010 .65236	.20613 .24251 .28201 .32423 .36871 .41489 .46212 .50974 .55707	•14974 •18121 •21642 •25516 •29711 •34180 •38866 •43703 •48618 •53536	•11413 •14133 •17250 •20763 •24653 •28687 •33418 •38187 •43124 •48150	.09012 .11377 .14144 .17324 .20913 .24891 .29223 .33858 .38733 .43771	7  .07311 .09384 .11853 .14739 .18049 .21777 .25897 .30371 .35140 .40135	. 06061 .07893 .10109 .12737 .15796 .19288 .23200 .27501 .32143	9 .05113 .06744 .11149 .13983 .17258 .20971 .25100 .29605 .34429	10 •04375 •05838 •07654 •09863 •12497 •15574 •19100 •23061 •27426 •32145	.03790 .05111 .06768 .08805 .11260 .14157 .17508 .21310 .25536	.03318 .04516 .06036 .07922 .10217 .12950 .16140 .19789 .23880 .28377
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804	.30409 .34504 .38780 .43187 .47670 .52173 .56638 .61010	.20613 .24251 .28201 .32423 .36871 .41489 .46212 .50974 .55707	.14974 .18121 .21642 .25516 .29711 .34180 .38866 .43703 .48618 .53536	5 11413 14133 17250 20763 28687 33418 38187 43124 48150 53186	.09012 .11377 .14144 .17324 .20913 .24891 .29223 .33858 .38733 .43771 .48892	7  .07311 .09384 .11853 .14739 .18049 .21777 .25897 .30371 .35140 .40138 .45275	. 06061 . 07893 . 10109 . 12737 . 15796 . 19288 . 23200 . 27501 . 32143 . 37062 . 42180	.05113 .06744 .08744 .11149 .13983 .17258 .20971 .25100 .29605 .34429 .39499	10 .04375 .05838 .07654 .09863 .12497 .15574 .19100 .23061 .27426 .32145 .37150	.03790 .05111 .06768 .08805 .11260 .14157 .1750 .21310 .25536 .30144 .35073	12 .03318 .04516 .06036 .07922 .10217 .12950 .16140 .19789 .23880 .28377 .33223
0.00 0.10 0.20 0.40 0.50 0.60 0.70 0.80 0.90 1.00	*50000 *53983 *57926 *61791 *65542 *69146 *72575 *75804 *78814 *81594	.30409 .34504 .38780 .43187 .47670 .52173 .56638 .61010 .65236 .69271 .73076	.20613 .24251 .28201 .32423 .36871 .41489 .46212 .50974 .557077 .60344	•14974 •18121 •21642 •25516 •29711 •34180 •38866 •43703 •48618 •53536	•11413 •14133 •17250 •20763 •24653 •28687 •33418 •38187 •43124 •48150	.09012 .11377 .14144 .17324 .20913 .24891 .29223 .33858 .38733 .43771	7  .07311 .09384 .11853 .14739 .18049 .21777 .25897 .30371 .35140 .40135	. 06061 .07893 .10109 .12737 .15796 .19288 .23200 .27501 .32143	9  .05113 .06744 .08744 .11149 .13983 .17258 .20971 .25100 .29605 .34429 .39499 .44731	.04375 .05838 .07654 .09863 .12497 .15574 .19100 .23061 .27426 .32145 .37150	.03790 .05111 .06768 .08805 .11457 .117508 .21310 .25536 .30144 .35073 .40245	.03318 .04516 .06036 .07922 .10217 .12950 .16140 .19789 .23880 .28377
0.00 0.10 0.20 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30	*50000 *53983 *57926 *61791 *65542 *69146 *72575 *75804 *78814 *81134 *84134 *84433 *88493	.30409 .34504 .38780 .43187 .47670 .52173 .56638 .61010 .65236 .69271 .73076 .76621 .79882 .82847	.20613 .24251 .28201 .32423 .36871 .41489 .46212 .50974 .55707 .60344 .64824	.14974 .18121 .21642 .25516 .29711 .34180 .38866 .43703 .48618 .53536 .58381	5 11413 14133 17250 20763 24653 28687 33418 38187 43124 48150 53186 58150	.09012 .11377 .14144 .17324 .20913 .24891 .29223 .33858 .38733 .43771 .48892 .54009	7 .07311 .09384 .11853 .14739 .18049 .21777 .25897 .30371 .35140 .40135 .45275 .50473	. 06061 . 07893 . 10109 . 12737 . 15796 . 19288 . 23200 . 27501 . 32143 . 37062 . 42180	.05113 .06744 .08744 .11149 .13983 .17258 .20971 .25100 .29605 .34429 .39499	10 .04375 .05838 .07654 .09863 .12497 .15574 .19100 .23061 .27426 .32145 .37150	.03790 .05111 .06768 .08805 .11260 .14157 .1750 .21310 .25536 .30144 .35073	.03318 .04516 .06036 .07922 .10217 .12950 .16140 .23880 .28377 .33223 .38346
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .88493 .90320 .91924	.30409 .34504 .38780 .43187 .47670 .52173 .56638 .61010 .65236 .69271 .73076 .76621	.20613 .24251 .28201 .32423 .36871 .41489 .46212 .50974 .55707 .60344 .64824 .69093	.14974 .18121 .21642 .25516 .29711 .34180 .38866 .43703 .48618 .53536 .58381 .63084 .67581	5 111413 114133 17250 20763 24653 28887 331418 38187 43124 48150 53186 58150	.09012 .11377 .14144 .20913 .24891 .29223 .33858 .38733 .43771 .48892 .54009 .59039	07311 09384 11853 14739 18049 21777 25897 30371 35140 40135 45275 50473	. 06061 .07893 .10109 .12737 .15796 .19288 .23200 .27501 .32143 .37062 .42180 .47412 .52665	9 .05113 .06744 .08744 .11149 .13983 .17258 .20971 .25100 .29605 .34429 .39499 .44731 .50033	10 .04375 .05838 .07654 .09863 .12497 .15574 .19100 .23061 .27426 .32145 .37150 .42360 .47683	.03790 .05111 .06768 .08805 .11260 .14157 .17508 .21310 .25536 .30144 .35073 .40245 .45570	.03318 .04516 .04516 .06036 .07922 .10217 .12950 .16140 .19789 .23880 .28377 .33223 .38346 .43657
N 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.20 1.30 1.40	50000 53983 57926 661791 65542 69146 72575 75804 78814 881594 884134 88493 90320 91924	.30409 .34504 .38780 .43187 .47670 .52173 .56638 .61010 .65236 .69271 .77982 .79882 .82847 .82847	3 20613 24251 28201 32423 36671 41489 46212 50974 66824 66903 73104 76822 80223 83292	.14974 .18121 .21642 .25516 .29711 .34180 .38866 .43703 .48618 .53536 .58381 .63084 .67581 .71818 .75753	5 11413 14133 17250 20763 24653 28887 43124 48150 53186 58150 62968 67570 71900	.09012 .11377 .14144 .17324 .20913 .24891 .29223 .33858 .38733 .43771 .48892 .54009 .59039 .63902 .60529 .72863	7  .07311 .09384 .11853 .14739 .18049 .21777 .25897 .30371 .35140 .40135 .45275 .50473 .55641 .60691 .65545 .70134	. 06061 .07893 .10109 .12737 .15796 .19288 .23200 .27501 .32143 .37062 .42180 .47412 .52665 .57849 .62876	9 .05113 .06744 .08744 .11149 .13983 .17258 .20971 .25100 .29605 .34429 .39499 .44731 .50033 .55310 .60471 .65430	10 .04375 .05838 .07654 .09863 .12497 .15574 .19100 .23061 .27426 .32145 .37150 .42360 .47683 .53024 .58286 .63380	.03790 .05111 .06768 .08805 .11260 .14157 .17508 .21310 .25536 .30144 .35073 .40245 .45570 .50951 .61493	12 .03318 .04516 .06036 .07922 .10217 .12950 .16140 .19789 .23880 .28377 .33223 .38346 .43657 .49062 .54458 .59748
0.00 0.10 0.20 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40	*50000 *53983 *57926 *61791 *65542 *69146 *72575 *75804 *78814 *81594 *84134 *86433 *88493 *90320 *91924 *93319	.30409 .34504 .38780 .47670 .52173 .56638 .61010 .65236 .69271 .73076 .76621 .79882 .82847 .85509 .87873 .89946	.20613 .24251 .28201 .32423 .36871 .41489 .46212 .50974 .60344 .64824 .69093 .73104 .76822 .80223 .83292	.14974 .18121 .21642 .25516 .29711 .34180 .38866 .43703 .48618 .53536 .58381 .63084 .67581 .71818 .75753 .79354 .82604	5 11413 14133 17250 20763 28887 33418 43124 48150 53186 58150 62988 67570 71900 75912 77973	.09012 .11377 .14144 .17324 .20913 .24891 .24891 .33858 .38733 .43771 .48892 .54009 .59039 .69529 .72863 .76858	7  .07311 .09384 .11853 .14739 .21777 .25897 .30371 .35140 .40135 .45275 .50473 .55641 .665545 .70134 .74403	. 06061 . 07893 . 10109 . 12737 . 15796 . 19288 . 23200 . 27501 . 32143 . 37062 . 42180 . 47412 . 52665 . 57849 . 62876 . 67670 . 72166	9 .05113 .06744 .08744 .11149 .13983 .17258 .20971 .25100 .29605 .34429 .39499 .44731 .50033 .55310 .60471 .65430 .70115	10 .04375 .05838 .07654 .09863 .12497 .15574 .19100 .23061 .27426 .32145 .37150 .42360 .47683 .53024 .58286 .63380 .63286	.03790 .05111 .06768 .08805 .11260 .14157 .17508 .21310 .25536 .30144 .35073 .40245 .45570 .50951 .56291 .61493	12 .03318 .04516 .06036 .07922 .10217 .12950 .16140 .23880 .28377 .33223 .38346 .43657 .49062 .54458 .59748 .64841
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.60	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .88493 .90320 .91924 .93319 .94520 .95543	.30409 .34504 .38780 .43187 .47670 .52173 .56638 .61010 .65236 .69271 .73076 .76621 .79882 .82847 .85509 .87873 .89946	.20613 .24251 .28201 .32423 .36871 .41489 .46212 .50974 .55707 .60344 .64824 .69093 .73104 .76822 .80223 .83292 .86026	.14974 .18121 .21642 .25516 .29711 .34180 .38866 .43703 .48618 .53536 .58381 .63084 .67581 .71818 .75753 .79354 .82604 .85497	11413 14133 17250 20763 28687 33418 38187 43124 48150 53186 58150 62968 67570 77902 779573 82866	.09012 .11377 .14144 .17324 .20913 .24891 .29223 .33858 .38733 .43771 .48892 .54009 .59039 .69529 .72863 .76858 .80484	7  .07311 .09384 .11853 .14739 .18049 .21777 .25897 .30371 .35140 .40135 .45275 .55641 .60691 .65545 .70134 .74403 .78310	. 06061 . 07893 . 10109 . 12737 . 15796 . 19288 . 23200 . 27501 . 32143 . 37062 . 42180 . 47412 . 52665 . 57849 . 62876 . 67670 . 72166	9 .05113 .06744 .08744 .11149 .13983 .17258 .20971 .25100 .29605 .34429 .34429 .344731 .50033 .50310 .60471 .65430 .70115	10 .04375 .05838 .07654 .09863 .12497 .15574 .19100 .23061 .27426 .32145 .37150 .42360 .47683 .53024 .56286 .63380 .68224 .72752	.03790 .05111 .06768 .08805 .114157 .117508 .21310 .25536 .30144 .35073 .40245 .45570 .50951 .56291 .61493 .6471 .71153	.03318 .04516 .06036 .07922 .10217 .12950 .16140 .19789 .23880 .28377 .33223 .38346 .43657 .49062 .54458 .59748 .64841
N 0.00 0.10 0.20 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.20 1.30 1.40 1.50 1.60 1.70	*50000 *53983 *57928 *61791 *65542 *69146 *72575 *75804 *78814 *81594 *84134 *86433 *88493 *90320 *91924 *93319 *94520 *95543	.30409 .34504 .38780 .43187 .47670 .52173 .56638 .61010 .65236 .69271 .79882 .82847 .82847 .82847 .83649 .87873 .89946 .91743	.20613 .24251 .28201 .32423 .36871 .41489 .46212 .50974 .55707 .60344 .64824 .69093 .73104 .76822 .80223 .83292 .86026	.14974 .18121 .21642 .25516 .29711 .34180 .38866 .43703 .48618 .53536 .58381 .63586 .67581 .71818 .77753 .79354 .82604 .889036	5 11413 14133 17250 20763 24653 28887 33418 38187 43124 48150 53186 58150 62968 67570 71900 775912 79573 82866 85785	.09012 .11377 .14144 .17324 .20913 .24891 .29223 .33858 .38733 .43771 .48892 .59039 .63902 .66529 .72863 .76858 .80484 .83727	7  .07311 .09384 .11853 .14739 .21777 .25897 .30371 .35140 .40135 .45275 .50473 .55641 .60691 .65543 .74403 .78310, .81831	. 06061 .07893 .10109 .12737 .15796 .19288 .23200 .27501 .32143 .37062 .42180 .47412 .52665 .57849 .62876 .67670 .72166 .76312	.05113 .06744 .08744 .11149 .13983 .17258 .20971 .25100 .29605 .34429 .39499 .44731 .50033 .55310 .60471 .65430 .70115	10 .04375 .05838 .07654 .09863 .12497 .15574 .19100 .23061 .27426 .32145 .37150 .42360 .47683 .53024 .5826 .68380 .68224 .72752	.03790 .05111 .06768 .08805 .11260 .14157 .17508 .21310 .25536 .30144 .35073 .40245 .45570 .50951 .56291 .61493 .66471 .71153	12 .03318 .04516 .06036 .07922 .10217 .12950 .16140 .19789 .23880 .28377 .33223 .38346 .43657 .49062 .54458 .59748 .64841 .69656 .74129
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.60	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .88493 .90320 .91924 .93319 .94520 .95543	.30409 .34504 .38780 .43187 .47670 .52173 .56638 .61010 .65236 .69271 .73076 .76621 .79882 .82847 .85509 .87873 .89946	.20613 .24251 .28201 .32423 .36871 .41489 .46212 .50974 .55707 .60344 .64824 .69093 .73104 .76822 .86026 .88431 .90518	.14974 .18121 .21642 .25516 .29711 .34180 .38866 .43703 .48618 .53536 .58381 .63084 .67581 .71818 .75753 .79354 .82604 .85497 .88604	5 11413 .14133 .17250 .20763 .28687 .33418 .36187 .43124 .48150 .53186 .58150 .62968 .7570 .71900 .75912 .79573 .82866 .85785 .88336	.09012 .11377 .14144 .17324 .20913 .24891 .24891 .33858 .38733 .43771 .48892 .54009 .59039 .68529 .72863 .76858 .80484 .83727 .86583	7  .07311 .09384 .11853 .14739 .18049 .21777 .25897 .30371 .35140 .40135 .45275 .50473 .55641 .665545 .70134 .74403 .78310 .81831 .84956	. 06061 . 07893 . 10109 . 12737 . 15796 . 19288 . 23200 . 27501 . 32143 . 37062 . 42180 . 47412 . 52665 . 57849 . 62876 . 67670 . 72166 . 76312 . 80076	9 .05113 .06744 .08744 .11149 .13983 .17258 .20971 .25100 .29605 .34429 .44731 .50033 .55310 .60471 .65430 .70115 .74466 .78441 .82013	10 .04375 .05838 .07654 .09863 .12497 .15574 .19100 .23061 .27426 .32145 .37150 .42360 .47683 .47683 .47683 .47683 .58286 .63380 .68224 .72752 .76913 .80674	.03790 .05111 .06768 .08805 .11260 .14157 .17508 .21310 .25536 .30144 .35073 .40245 .45570 .56291 .61493 .66471 .71153 .75479	12 .03318 .04516 .06036 .07922 .10217 .12950 .16140 .28377 .33223 .38346 .43657 .49062 .54458 .59748 .64841 .69656 .74129 .78213
0.00 0.10 0.20 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70	*50000 *53983 *57926 *61791 *65542 *69146 *72575 *75804 *78814 *81594 *84134 *86433 *88493 *90320 *91924 *93319 *94520 *95543 *96407 *97128	.30409 .34504 .38780 .47670 .52173 .56638 .61010 .65236 .69271 .73076 .76621 .79882 .82847 .85509 .87873 .89946 .91743	.20613 .24251 .28201 .32423 .36871 .41489 .46212 .50974 .55707 .60344 .64824 .69093 .73104 .76822 .80223 .83292 .86026	.14974 .18121 .21642 .25516 .29711 .34180 .38866 .43703 .48618 .53536 .58381 .63586 .67581 .71818 .77753 .79354 .82604 .889036	5 111413 114133 17250 20763 24653 28687 33418 38187 43124 48150 53186 67570 77912 779573 82866 88785 88336 90533	.09012 .11377 .14144 .17324 .20913 .24891 .29223 .33858 .38733 .43771 .48892 .54009 .59039 .69529 .72863 .76858 .89062	7 07311 09384 11853 114739 18049 21777 25897 30371 35140 40135 45275 50473 55641 60691 65545 70134 74403 74310 81831 84956 87686	. 06061 . 07893 . 10109 . 12737 . 15796 . 19288 . 23200 . 27501 . 32143 . 37062 . 42180 . 47412 . 52665 . 57849 . 62876 . 67670 . 72166 . 76312 . 80076 . 83437 . 86392	9 .05113 .06744 .08744 .11149 .13983 .17258 .20971 .25100 .29605 .34429 .44731 .50033 .55310 .60471 .65430 .70115 .74466 .78441 .82013 .85172	10 .04375 .05838 .07654 .09863 .12497 .15574 .19100 .23061 .27426 .32145 .37150 .47683 .53024 .58286 .63380 .68224 .72752 .76913 .80674 .84017	.03790 .05111 .06768 .08805 .11260 .14157 .17508 .21310 .25536 .30144 .35573 .40245 .45570 .50951 .56291 .61493 .75479 .79409 .82921	12 .03318 .04516 .06036 .07922 .10217 .12950 .16140 .23880 .28377 .33223 .38346 .43657 .49062 .54458 .59748 .64841 .69656 .74129 .78213 .81878
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.40 1.50 1.40 1.50	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78818 .81594 .84134 .86433 .88493 .90320 .91924 .93319 .94520 .95543 .96407 .97128	.30409 .34504 .38780 .43187 .47670 .52173 .56638 .61010 .65236 .69271 .73076 .76621 .79882 .82847 .85509 .87873 .89946 .91743 .93283 .94588	.20613 .24251 .28201 .32423 .36871 .41489 .46212 .50974 .55707 .60344 .64824 .69093 .73104 .76822 .80223 .83292 .86026 .88431 .90518 .92307 .93821	*14974 *18121 *21642 *25516 *29711 *34180 *38866 *43703 *48618 *533536 *58381 *6368 *67581 *71818 *75753 *79354 *82604 *884036 *90235 *92114 *93698	5 11413 14133 17250 20763 28687 33418 38187 43124 48150 53186 67570 71900 75912 79573 82866 90533 92401	.09012 .11377 .14144 .17324 .20913 .24891 .29223 .33858 .38733 .43771 .48892 .59039 .63902 .66529 .72863 .76858 .80454 .8	7  .07311 .09384 .11853 .14739 .18049 .21777 .25897 .30371 .35140 .40135 .45275 .50473 .55641 .60691 .65564 .70134 .74403 .78180 .81831 .84956 .8768 .90037	. 06061 .07893 .10109 .12737 .15796 .19288 .23200 .27501 .32143 .37062 .42180 .47412 .52665 .57849 .62876 .72166 .76312 .72166 .76312 .76312 .76312 .76312 .76312 .76312 .76312 .76312 .76312 .76312 .76312 .76312 .76312 .76312	9 .05113 .06744 .08744 .11149 .13983 .17258 .20971 .25100 .29605 .34429 .39499 .44731 .50033 .55310 .60471 .65430 .70115 .74464 .82013 .85172 .87922	10 .04375 .05838 .07654 .09863 .12497 .15574 .19100 .23061 .27426 .32145 .37150 .42360 .47683 .53024 .58286 .63380 .68224 .77513 .80674 .84017 .86942	.03790 .05111 .06768 .08805 .11260 .14157 .17508 .21310 .25536 .30144 .35073 .40245 .45570 .50951 .56291 .61493 .66471 .71153 .75479 .79409 .82921 .86007	12 .03318 .04516 .06036 .07922 .10217 .12950 .16140 .19789 .23880 .28377 .33223 .38346 .43657 .49062 .54458 .59748 .64841 .676129 .78213 .81878 .65113
N 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.10	50000 53983 57926 661791 65542 69146 72575 75804 78814 881594 884134 86433 88493 90320 91924 93319 94520 95543 97128 97128	30409 334504 38780 43187 47670 52173 56638 61010 65236 69271 73076 76621 779882 82847 885984 91743 93283 94588	.20613 .24251 .28201 .32423 .36871 .41489 .46212 .50974 .55707 .60344 .64824 .69093 .73104 .76822 .80223 .83292 .86026 .89431 .92307 .93821 .95088	.14974 .18121 .21642 .25516 .29711 .34180 .38866 .43703 .48618 .53536 .58381 .61084 .67581 .71818 .75753 .79354 .82604 .85497 .88036 .90235	5 111413 114133 17250 20763 24653 28687 33418 38187 43124 48150 53186 67570 77912 779573 82866 88785 88336 90533	.09012 .11377 .14144 .17324 .20913 .24891 .29223 .33858 .38733 .43771 .48892 .54009 .59039 .69529 .72863 .76858 .89062	7 07311 09384 11853 114739 18049 21777 25897 30371 35140 40135 45275 50473 55641 60691 65545 70134 74403 74310 81831 84956 87686	. 06061 . 07893 . 10109 . 12737 . 15796 . 19288 . 23200 . 27501 . 32143 . 37062 . 42180 . 47412 . 52665 . 57849 . 62876 . 67670 . 72166 . 76312 . 80076 . 83437 . 86392	9 .05113 .06744 .08744 .11149 .13983 .17258 .20971 .25100 .29605 .34429 .44731 .50033 .55310 .60471 .65430 .70115 .74466 .78441 .82013 .85172	10 .04375 .05838 .07654 .09863 .12497 .15574 .19100 .23061 .27426 .32145 .37150 .47683 .53024 .58286 .63380 .68224 .72752 .76913 .80674 .84017	.03790 .05111 .06768 .08805 .11260 .14157 .17508 .21310 .25536 .30144 .35573 .40245 .45570 .50951 .56291 .61493 .75479 .79409 .82921	12 .03318 .04516 .06036 .07922 .10217 .12950 .16140 .23880 .28377 .33223 .38346 .43657 .49062 .54458 .59748 .64841 .69656 .74129 .78213 .81878
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1.80	•03593	.00534	•00145	•00054	.00025	.00013	.00007	. 00005	·00003	•00002	•00001	•00001
1.70	•04457	•00740	.00215	•00085	•00040	•00022	.00013	•00008	•00005	•00004	•00003	•00002
1.60	•05480	•01013	•00315	•00130	• 00064	•00036	•00022	•00014	•00009	•00007	•00005	•00004
1.50	-06681	•01369	•00455	•00197	•00101	•00058	•00036	• 00024	+00016	.00012	•00009	•00007
1.40	•08076 •09680	.01828	-00647	.00293	•00155	•00091	•00058	•00039	•00028	•00020	.00015	•00012
1.20	-11507	.02410 .03141	•00908 •01256	.00431 .00622	•00236	.00143	•00093	• 00064	•00046	•00034	•00026	•00020
1.10	13567	·04044	.01714	.00885	•00352 •00518	.00219 .00330	·00146	•00102 •00160	•00074	•00056	•00043	•00034
1.00	15866	.05146	•02305	•01239	•00518 •00748	•00490	.00224 .00340	.00160	.00118 .00185	•00090 •00144	•00071 •00114	•00056 •00092
0.90	-18406	.06473	.03059	•01709	-01064	.00714	.00506	• 00374	•00285	•00224	•00179	•00146
0.80	-21186	.08049	•04004	.02323	.01489	.01023	.00739	. 00556	.00431	.00342	.00278	•00229
0.70	•24196	• 09896	.05171	.03111	•02051	.01442	.01063	.00812	.00639	.00514	.00422	.00352
0.60	.27425	• 12032	•06591	•04106	•02783	.02000	.01502	•01166	•00930	•00758	•00629	•00530
0.50	•30854	•14470	•08292	•05342	•03717	•02730	•02088	•01647	•01331	•01098	•00921	•00784
0.40	•34458	•17216	•10299	•06852	.04890	.03667	.02854	.02286	.01873	.01563	.01325	.01138
0.30	•38209 •42074	• 20268 • 23616	•12633	·08668	•06338	•04850	•03839	.03120	.02589	•02186	.01872	.01622
0.10	•46017	.27242	•15306 •18323	•10815 •13315	• 08096	.06315	•05081	.04188	•03519	•03004	•02598	•02272
0.00	•50000	•31118	• 21677	•16179	•10193 •12653	.08100 .10235	•06620 •08493	• 05531	•04704	•04058	03544	•03127
<del></del>				410117	* 12033	10233		• 07189	•06185	•05392	•04753	•04229
\n	1	2	3	4	5	6				10	11	12
/4	1	2	3	4	5	6	7	8.	9	10	11	12
	1	2	3	4	5	6				10	11	12
"/	1	2	3	4	5	6				10	11	12
	1	2	3	4	5	6				10	11	12
H 0.00	•50000	+31118	.21677	.16179	•12653	•10235			9			· · · · · · · · · · · · · · · · · · ·
0.00 0.10	•50000 •53983	•31118 •35208	•21677 •25352	•16179 •19408		· · · · · · · · · · · · · · · · · · ·	7	8.		·05392	.04753 .06267	.04229
H 0.00 0.10 0.20	•50000 •53983 •57926	•31118 •35208 •39468	•21677 •25352 •29320	•16179 •19408 •22992	•12653 •15491 •18711	• 10235 • 12745 • 15645	.08493 .10730 .13356	•07189 •09199 •11590	.06185 .08002 .10191	•05392	•04753	•04229
H 0.00 0.10 0.20 0.30	•50000 •53983 •57926 •61791	•31118 •35208 •39468 •43850	•21677 •25352 •29320 •33544	•16179 •19408 •22992 •26907	•12653 •15491 •18711 •22304	• 10235 • 12745 • 15645 • 18940	• 08493 • 10730 • 13356 • 16385	•07189 •09199 •11590 •14383	.06185 .08002 .10191	•05392 •07046 •09059 •11464	•04753 •06267 •08128 •10371	.04229 .05622 .07349 .09450
H 0.00 0.10 0.20 0.30 0.40	•50000 •53983 •57926 •61791 •65542	•31118 •35208 •39468 •43850 •48300	•21677 •25352 •29320 •33544 •37975	•16179 •19408 •22992 •26907 •31120	•12653 •15491 •18711 •22304 •26249	•10235 •12745 •15645 •18940 •22620	.08493 .10730 .13356 .16385	•07189 •07189 •09199 •11590 •14383 •17589	9 •06185 •08002 •10191 •12777 •15779	•05392 •07046 •09059 •11464 •14282	•04753 •06267 •08128 •10371 •13025	.04229 .05622 .07349 .09450
0.00 0.10 0.20 0.30 0.40 0.50	•50000 •53983 •57926 •61791 •65542 •69146	•31118 •35208 •39468 •43850 •48300 •52763	•21677 •25352 •29320 •33544 •37975 •42558	•16179 •19408 •22992 •26907 •31120 •35582	•12653 •15491 •18711 •22304 •26249 •30511	• 10235 • 12745 • 15645 • 18940 • 22620 • 26660	08493 •10730 •13356 •16385 •19816 •23637	•07189 •09199 •11590 •14383 •17589 •21202	9 •06185 •08002 •10191 •12777 •15779 •19200	•05392 •07046 •09059 •11464 •14282 •17526	.04753 .06267 .08128 .10371 .13025	.04229 .05622 .07349 .09450 .11955
0.00 0.10 0.20 0.30 0.40 0.50	•50000 •53983 •57926 •61791 •65542	•31118 •35208 •39468 •43850 •52763 •57182	•21677 •25352 •29320 •33544 •37975 •42558 •47230	•16179 •19408 •22992 •26907 •31120 •35582 •40237	•12653 •15491 •18711 •22304 •26249 •30511 •35040	•10235 •12745 •15645 •18940 •22620 •26660 •31021	08493 •10730 •13356 •16385 •19816 •23637 •27817	.07189 .09199 .11590 .14383 .17589 .21202	9 .06185 .08002 .10191 .12777 .15779 .19200 .23027	• 05392 • 07046 • 09059 • 11464 • 14282 • 17526 • 21189	.04753 .06267 .08128 .10371 .13025 .16105	.04229 .05622 .07349 .09450 .11955 .14886
0.00 0.10 0.20 0.30 0.40 0.50	•50000 •53983 •57926 •61791 •65542 •69146 •72575	•31118 •35208 •39468 •43850 •48300 •52763	•21677 •25352 •29320 •33544 •37975 •42558	•16179 •19408 •22992 •26907 •31120 •35582	•12653 •15491 •18711 •22304 •26249 •30511 •35040 •39778	.10235 .12745 .15645 .18940 .22620 .26660 .31021	08493 10730 13356 16385 19816 23637 27817	.07189 .09199 .11590 .14383 .17589 .21202 .25203 .29555	9 •06185 •08002 •10191 •12777 •15779 •19200 •23027 •27234	.05392 .07046 .09059 .11464 .14282 .17526 .21189 .25252	.04753 .06267 .08128 .10371 .13025 .16105 .19615	.04229 .05622 .07349 .09450 .11955 .14866 .18252
H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594	•31118 •35208 •39468 •43850 •48300 •52763 •57182 •61503	•21677 •25352 •29320 •33544 •37975 •42558 •47230 •51929	•16179 •19408 •22992 •26907 •31120 •35582 •40237 •45020 •49862 •54690	•12653 •15491 •18711 •22304 •26249 •30511 •35040	•10235 •12745 •15645 •18940 •22620 •26660 •31021	08493 •10730 •13356 •16385 •19816 •23637 •27817	.07189 .09199 .11590 .14383 .17589 .21202	9 .06185 .08002 .10191 .12777 .15779 .19200 .23027	• 05392 • 07046 • 09059 • 11464 • 14282 • 17526 • 21189	.04753 .06267 .08128 .10371 .13025 .16105	.04229 .05622 .07349 .09450 .11955 .14886
H 0.000 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.80	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594	•31118 •35208 •39468 •43850 •48300 •52763 •61503 •65678 •69661 •73415	.21677 .25352 .2932 .33544 .37975 .4258 .47230 .51929 .56587 .61143	•16179 •19408 •22990 •35582 •40237 •45020 •49862 •54690 •59434	•12653 •15491 •18711 •22304 •26249 •30511 •35040 •39778 •44655 •49598 •54530	.10235 .12745 .15645 .18940 .22620 .26660 .31021 .35652 .40489	08493 .10730 .13356 .16385 .19816 .23637 .27817 .32315 .37070	8. •07189 •09199 •11590 •14383 •17589 •21202 •25203 •29555 •34209	9 .06185 .08002 .10191 .12777 .15779 .19200 .23027 .27234 .31775	.05392 .07046 .09059 .11464 .14282 .17526 .21189 .25252 .29677	.04753 .06267 .08128 .10371 .13025 .16105 .19615 .23540 .27849	.04229 .05622 .07349 .09450 .11955 .14886 .18252 .22045 .26239
H 0.00 0.10 0.20 0.40 0.50 0.60 0.70 0.80 0.90 1.00	•50000 •53983 •57926 •61791 •65542 •69146 •72575 •75804 •78814 •81594 •84134	•31118 •35208 •39468 •43850 •48300 •52763 •57182 •61503 •65678 •69661 •73415 •76911	•21677 •25352 •29320 •33544 •37975 •42558 •47230 •51929 •56587 •61143 •659719	•16179 •19408 •22992 •26907 •31120 •35582 •40237 •45020 •49862 •54690 •59434 •64028	• 12653 • 15491 • 18711 • 22304 • 26249 • 30511 • 35040 • 39778 • 44655 • 49598 • 545376	•10235 •12745 •15645 •18940 •22620 •26660 •31021 •35652 •40489 •45458 •50483 •55481	7  .08493 .10730 .13356 .16385 .19816 .23637 .27817 .32315 .37070 .42015 .47072 .52158	8. •07189 •09199 •11590 •14383 •17589 •21202 •25203 •29555 •34209 •39099 •44150 •49279	9 .06185 .08002 .10191 .12777 .15779 .19200 .23027 .27234 .31775 .36592 .41613 .46756	.05392 .07046 .09059 .11464 .14282 .17526 .21189 .25252 .29677 .34411 .39385 .44521	.04753 .06267 .08128 .10371 .13025 .16105 .19615 .23540 .27849 .32493 .37411 .42524	.04229 .05622 .07349 .09450 .11955 .14886 .18252 .22045 .26239 .30792 .35646 .40726
H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.10 1.20	•50000 •53983 •57926 •61791 •65542 •69146 •72575 •75804 •78814 •81594 •84134 •86433 •88493	•31118 •35208 •39468 •43850 •48300 •52763 •57182 •61503 •65678 •69661 •73415 •76911 •80127	•21677 •25352 •29320 •33544 •37975 •42558 •47230 •51929 •55587 •61143 •65537 •69719	.16179 .19408 .22992 .26907 .31120 .35582 .40237 .45020 .49862 .54690 .59434 .64028	.12653 .15491 .18711 .22304 .26249 .30511 .35040 .39778 .44655 .49598 .54530 .59376	.10235 .12745 .15645 .15645 .18940 .22620 .26660 .31021 .35652 .40489 .45458 .50483 .55481 .60376	08493 10730 13356 16385 19816 23637 27817 32315 37070 42015 47072 52158 57190	8. •07189 •09199 •11590 •14383 •17589 •21202 •25203 •29555 •34209 •44150 •49279 •54402	9 .06185 .08002 .10191 .12777 .15779 .19200 .23027 .27234 .31775 .36592 .41613 .46756 .51,934	.05392 .07046 .09059 .11464 .17526 .21189 .25252 .29677 .34411 .39385 .44521	.04753 .06267 .08128 .10371 .13025 .16105 .19615 .23540 .27849 .32493 .37411 .42524 .47746	.04229 .05622 .07349 .09450 .11955 .14886 .18252 .22045 .26239 .30792 .35646 .40726
H 0.000 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .88493	•31118 •35208 •39468 •43850 •48300 •52763 •61503 •65678 •69661 •73415 •76911 •80127 •83050	.21677 .25352 .25352 .25352 .33544 .37975 .42558 .47230 .51929 .56587 .61143 .65537 .69719 .73645 .77282	•16179 •19408 •22992 •26907 •31120 •35582 •45020 •49862 •54690 •54690 •59434 •64028 •68413 •72539	•12653 •15491 •18711 •22304 •26249 •30511 •35040 •39778 •44655 •49598 •54530 •59376 •64066	•10235 •12745 •15645 •18940 •22620 •26660 •31021 •35652 •40489 •45458 •50483 •55481 •60376	08493 10730 13356 16385 19816 23637 27817 32315 37070 42015 47072 52158 57190	8. •07189 •09199 •11590 •14383 •17589 •21202 •25203 •29555 •34209 •39099 •44150 •49279 •54402 •59403	9 •06185 •08002 •10191 •12777 •19200 •23027 •27234 •31775 •36592 •41613 •46756 •51,934 •57061	.05392 .07046 .09059 .11464 .14282 .17526 .21189 .25252 .29677 .34411 .39385 .44521 .49730 .54925	.04753 .06267 .08128 .10371 .13025 .16105 .29540 .27849 .32493 .37411 .42524 .47746 .52988	.04229 .05622 .07349 .09450 .11955 .14886 .18252 .22045 .26239 .30792 .35646 .40726 .45948 .51221
H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30	•50000 •53983 •57926 •61791 •65542 •69146 •72575 •75804 •78814 •81594 •86433 •86433 •86433 •90320 •91924	• 31118 • 35208 • 39468 • 43850 • 48300 • 52763 • 57182 • 615678 • 69661 • 73415 • 76911 • 80127 • 83050 • 85676	•21677 •25352 •29320 •33544 •37975 •42558 •47230 •51929 •56587 •61143 •65537 •69719 •73645 •77282 •80608	•16179 •19408 •22992 •26907 •31120 •35582 •40230 •49862 •59434 •64028 •68413 •72539 •76367	• 12653 • 15491 • 18711 • 22304 • 26249 • 30511 • 35040 • 39778 • 44655 • 49598 • 54506 • 59376 • 64066 • 68537 • 72736	• 10235 • 12745 • 18740 • 22620 • 31021 • 35652 • 40489 • 45458 • 50483 • 55481 • 60376 • 65095	08493 10730 13356 16385 19816 23637 27817 32315 37070 42015 47072 52158 57190 62089	8. •07189 •09199 •11590 •14383 •17589 •21202 •25203 •29555 •34209 •39099 •4150 •49279 •54402 •59433 •64293	9 .06185 .08002 .10191 .12777 .15779 .19200 .23027 .27234 .31775 .36592 .41613 .46756 .51934 .57061	.05392 .07046 .09059 .11464 .14282 .17526 .21189 .25252 .29677 .34411 .39385 .44521 .49730 .54925	.04753 .06267 .08128 .10371 .13025 .16105 .19615 .23549 .32493 .37411 .42524 .47746 .52988 .58159	.04229 .05622 .07349 .09450 .11955 .14886 .18252 .22045 .26239 .30792 .35646 .45948 .51221
H 0.000 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .88493	•31118 •35208 •39468 •43850 •48300 •52763 •61503 •65678 •69661 •73415 •76911 •80127 •83050	.21677 .25352 .25352 .25352 .33544 .37975 .42558 .47230 .51929 .56587 .61143 .65537 .69719 .73645 .77282	.16179 .19408 .22992 .26907 .31120 .35582 .40237 .45020 .49862 .54690 .59434 .64028 .68413 .72539 .76367 .79868	.12653 .15491 .18711 .22304 .26249 .30511 .35040 .39778 .44655 .49598 .54530 .59376 .64066 .68537 .72736	.10235 .12745 .15645 .15645 .18940 .22620 .31021 .35652 .40489 .45458 .50483 .55481 .60376 .65095 .69574	08493 10730 13356 19816 23637 27817 32315 37070 42015 47072 52158 57190 62089 66783	8. •07189 •09199 •11590 •114383 •17589 •21202 •25203 •29555 •34209 •44150 •49279 •54402 •59433 •68914	9 .06185 .08002 .10191 .12777 .15779 .19200 .23027 .27234 .31775 .36592 .41613 .46756 .51,934 .57061 .62051	.05392 .07046 .09059 .11464 .14282 .17526 .21189 .25252 .29677 .34411 .39385 .44521 .49730 .54925 .60017	.04753 .06267 .08128 .10371 .13025 .16105 .19615 .23540 .27849 .32493 .37411 .42524 .47746 .52988 .58159	.04229 .05622 .07349 .09450 .11955 .14886 .18252 .22045 .26239 .30792 .35646 .40726 .45948 .51221 .56453
H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319	•31118 •35208 •39468 •43850 •48300 •52763 •57182 •61503 •65678 •69661 •73415 •76911 •80127 •83050 •85676	.21677 .25352 .29320 .33544 .37975 .42558 .47230 .51929 .56587 .61143 .65537 .69719 .73645 .77282 .80608 .83610	•16179 •19408 •22992 •26907 •31120 •35582 •40230 •49862 •59434 •64028 •68413 •72539 •76367	• 12653 • 15491 • 18711 • 22304 • 26249 • 30511 • 35040 • 39778 • 44655 • 49598 • 54506 • 59376 • 64066 • 68537 • 72736	• 10235 • 12745 • 18740 • 22620 • 31021 • 35652 • 40489 • 45458 • 50483 • 55481 • 60376 • 65095	08493 10730 13356 16385 19816 23637 27817 32315 37070 42015 47072 52158 57190 66783 711211	8. •07189 •09199 •11590 •14383 •17589 •21202 •25203 •29555 •34209 •39099 •4150 •49279 •54402 •59433 •64293	9 • 06185 • 08002 • 10191 • 12777 • 19200 • 23027 • 27234 • 31775 • 36592 • 41613 • 46756 • 51934 • 57061 • 66829 • 71330	.05392 .07046 .09059 .11464 .14282 .17526 .21189 .25252 .29677 .34411 .39385 .44521 .49730 .54925 .60017 .64924	.04753 .06267 .08128 .10371 .13025 .16105 .23540 .27849 .32493 .37411 .42524 .47746 .52988 .58159 .63172	.04229 .05622 .07349 .09450 .11955 .14886 .18252 .22045 .26239 .30792 .35646 .40726 .45948 .51221 .56453 .61554
H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80	•50000 •53983 •57926 •61791 •65542 •69146 •72575 •75804 •78814 •81594 •84134 •86433 •88493 •90320 •91924 •93319 •94520 •95543 •96407	•31118 •35208 •39468 •43850 •48300 •52763 •57182 •61503 •65678 •69661 •73415 •76911 •80127 •83050 •85676 •85007 •90053 •91827 •93348	.21677 .25352 .29320 .33544 .37975 .42558 .47230 .51929 .56587 .61143 .65537 .69719 .73645 .77282 .80608 .83610 .86284 .88636	.16179 .19408 .22992 .26907 .31120 .35582 .40237 .45020 .49862 .54690 .59434 .64028 .68413 .72539 .76367 .79868 .83028 .85840 .88309	.12653 .15491 .12304 .26249 .30511 .35040 .39778 .44655 .49598 .54530 .59376 .64066 .68537 .76622 .86166 .83352 .86177	.10235 .12745 .15645 .18940 .22620 .26660 .31021 .35652 .40489 .45458 .50483 .55481 .60376 .65095 .69574 .737616	08493 10730 13356 16385 19816 23637 27817 32315 37070 42015 47072 52158 62089 66783 71211 75321 79079 82464	8. 07189 09199 11590 14383 17589 21202 25255 34209 39099 44150 49279 54402 59433 64293 68914 73237	9 .06185 .08002 .10191 .12777 .15779 .19200 .23027 .27234 .31775 .36592 .41613 .46756 .51,934 .57061 .62051	.05392 .07046 .09059 .11464 .14282 .17526 .21189 .25252 .29677 .34411 .39385 .44521 .49730 .54925 .60017	.04753 .06267 .08128 .10371 .13025 .16105 .19615 .23540 .27849 .32493 .37411 .42524 .47746 .52988 .58159	.04229 .05622 .07349 .09450 .11955 .14886 .18252 .22045 .26239 .30792 .35646 .40726 .45948 .51221 .56453
H 0.000 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.30 1.40 1.50 1.60 1.70 1.80	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .96407 .97128	•31118 •35208 •39468 •48500 •48300 •52763 •65678 •69661 •73415 •76911 •80127 •83050 •85676 •88007 •90053 •91827 •93348 •94637	.21677 .25352 .29320 .33544 .37975 .42558 .47230 .51929 .56587 .61143 .65537 .69719 .73645 .77282 .80608 .83610 .86284 .88636 .90679 .92431	.16179 .19408 .22992 .26907 .31120 .35582 .45020 .49862 .54690 .59434 .64028 .68413 .72539 .76367 .79868 .83028 .83028 .85840 .883028	• 12653 • 15491 • 18711 • 22304 • 26249 • 30511 • 35040 • 39778 • 44655 • 49598 • 54530 • 59376 • 64066 • 68537 • 72736 • 68537 • 72736 • 883352 • 86167 • 88646	.10235 .12745 .15645 .18940 .22620 .26660 .31021 .35652 .40489 .55481 .60376 .65095 .69574 .73761 .81113 .84239 .86993	08493 10730 13356 16385 19816 23637 27817 32315 37070 42015 47072 52158 57190 66783 71211 75321 79079 82464	8. 07189 09199 11590 14383 17589 21202 25255 34209 39099 344150 49279 54402 59433 64293 68914 73237 77217 90826 84047	9 .06185 .08002 .10191 .12777 .15779 .19200 .23027 .27234 .31775 .36592 .41613 .46756 .51934 .57061 .62051 .66829 .71330 .75501 .79306	.05392 .07046 .09059 .11464 .14282 .17526 .21189 .25252 .29677 .34411 .39385 .44521 .49730 .54925 .60017 .64924 .69575 .73912	.04753 .06267 .08128 .10371 .13025 .16105 .19615 .23540 .37411 .42524 .47746 .52988 .58159 .63172 .67951	.04229 .05622 .07349 .09450 .11955 .14886 .18252 .22045 .26239 .30792 .35646 .45948 .51221 .56453 .61554 .616442
H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.40 1.50 1.40 1.50	•50000 •53983 •57926 •61791 •65542 •69146 •72575 •75804 •81594 •84134 •86433 •86433 •90320 •91924 •93319 •94543 •95543 •96407 •97128 •97725	•31118 •35208 •39468 •43850 •48300 •52763 •57182 •61503 •65678 •69661 •73415 •80127 •83050 •85676 •88007 •90053 •91827 •93348 •94637 •95718	•21677 •25352 •29320 •33544 •37975 •42558 •47230 •51587 •61143 •65537 •67719 •73645 •77282 •80608 •83610 •86284 •88636 •90679 •92431 •93916	.16179 .19408 .22992 .26907 .31120 .35582 .40237 .45020 .59434 .68413 .72539 .76367 .79868 .83840 .88309 .90449	.12653 .15491 .18711 .22304 .26249 .30511 .35040 .39778 .44655 .49598 .54530 .59376 .64066 .68537 .72736 .76622 .80166 .83352 .86177 .88646 .90775	.10235 .12745 .18940 .22620 .2660 .31021 .35652 .40489 .45458 .50483 .55481 .60376 .65095 .69574 .73761 .77616 .81113 .84239 .89385	08493 10730 13356 16385 19816 23637 27817 32315 37070 42015 47072 52158 57190 62089 66783 71211 75321 79079 82464 85466	8. 07189 09199 11590 11589 21202 25203 29555 34209 39099 44150 49279 54402 59433 64293 68914 73237 77217 89826 84047 86880	9 .06185 .08002 .10191 .12777 .15779 .19200 .23027 .27234 .31775 .36592 .41613 .46756 .51,934 .57061 .66829 .71330 .75501 .79306 .82722 .85743	.05392 .07046 .09059 .11464 .14282 .17526 .21189 .25252 .29677 .34411 .39385 .44521 .49730 .54925 .60017 .64924 .69575 .73912 .77889 .81479	.04753 .06267 .08128 .10371 .13025 .16105 .19615 .23540 .37411 .42524 .47746 .52988 .58159 .63172 .67951 .72431 .76562 .80309 .83654	.04229 .05622 .07349 .09450 .11955 .14886 .18252 .22045 .26239 .30792 .35646 .45948 .51221 .56453 .61554 .66442 .71048 .75315 .79204 .82690
H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.10	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725	•31118 •35208 •39468 •43850 •48300 •52763 •57182 •61503 •56678 •69661 •73415 •76911 •80127 •83050 •85670 •85670 •90053 •91827 •93348 •94637 •95718	.21677 .25352 .29320 .33544 .37975 .42558 .42558 .47230 .51929 .56587 .61143 .65537 .69719 .73645 .77282 .80608 .83610 .86284 .88636 .90679 .92431 .93916	.16179 .19408 .22992 .26907 .31120 .35582 .40237 .45020 .49862 .54690 .59434 .64028 .68413 .72539 .76367 .79868 .83028 .85840 .88309 .90449 .92278 .93823	.12653 .15491 .12711 .22304 .26249 .30511 .35040 .39778 .44655 .49598 .54530 .59376 .64066 .68537 .72736 .76622 .86167 .86177 .88646 .9077 .92586	.10235 .12745 .15645 .15645 .16940 .22620 .26660 .31021 .35652 .40489 .45458 .50483 .55481 .60376 .65095 .69574 .73761 .77616 .81113 .84239 .86993 .89385 .91433	08493 10730 13356 16385 19816 23637 27817 32315 37070 42015 47072 52158 62089 66783 71211 75321 79079 82464 85466 86091	8. 07189 09199 11590 14383 17589 21202 25203 29555 34209 44150 49279 44402 59433 64293 68914 73237 77217 90826 84047 86880 89334	9  .06185 .08002 .10191 .12777 .15779 .19200 .23027 .27234 .31775 .36592 .41613 .46756 .51,934 .57061 .66829 .71330 .75501 .75501 .82722 .85743 .85372	.05392 .07046 .09059 .11464 .14282 .17526 .21189 .25252 .29677 .34411 .39385 .44521 .49730 .54925 .60017 .64924 .69575 .73912 .77889 .81479 .84670 .87460	.04753 .06267 .08128 .10371 .13025 .16105 .19615 .23540 .27849 .32493 .37411 .42524 .47746 .52988 .58159 .63172 .67951 .72431 .76562 .80309 .83654	.04229 .05622 .07349 .09450 .11955 .14886 .18252 .22045 .26239 .30792 .35646 .407948 .51221 .56453 .66452 .71048 .73315 .79204 .82690 .85765
H 0.000 0.100 0.200 0.300 0.400 0.500 0.600 0.700 0.800 0.900 1.000 1.100 1.300 1.400 1.500 1.500 1.600 1.700 1.900 2.000 2.100 2.200	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214	•31118 •35208 •39468 •48500 •48300 •52763 •5182 •61503 •65678 •73415 •76911 •80127 •83050 •85676 •88007 •90053 •91827 •93348 •94637 •95718 •96613 •97347	.21677 .25352 .29320 .33544 .37975 .42530 .51929 .56587 .69719 .73645 .77282 .80608 .83610 .86284 .88636 .90679 .92431 .9316 .95159 .96186	.16179 .19408 .22992 .26907 .31120 .35582 .45020 .49862 .54690 .59434 .64028 .68413 .72539 .76367 .79868 .83028 .85840 .893028 .85840 .893028 .893028 .99449 .992278 .93823 .95110	•12653 •15491 •18711 •22304 •26249 •30511 •39778 •44655 •49598 •54530 •59376 •64066 •68537 •72736 •68537 •72736 •86177 •8646 •90775 •92586	.10235 .12745 .15645 .18940 .22620 .26660 .31021 .35652 .40489 .55481 .60376 .65095 .69574 .73761 .77616 .81113 .84239 .86993 .89385 .91433	08493 10730 13356 163356 19816 23637 27817 32315 37070 42015 47072 52158 57190 66783 71211 79079 82464 88691 90352	8. 07189 09199 11590 11383 17589 21202 25255 34209 39099 344150 49279 54402 59433 64293 68914 77217 90826 84047 86880 89334 91429	9 .06185 .08002 .10191 .12777 .15779 .19200 .23027 .27234 .31775 .36592 .41613 .46756 .51,934 .57061 .62051 .66829 .71330 .75501 .79306 .82722 .85743 .88372 .90628	.05392 .07046 .09059 .11464 .14282 .17526 .21189 .25252 .29677 .34411 .39385 .44521 .49730 .54925 .60017 .64924 .69575 .73912 .7	.04753 .06267 .08128 .10371 .13025 .16105 .23540 .27849 .32493 .37411 .42524 .52988 .58159 .63172 .67951 .72431 .72431 .76662 .80309 .83654 .86593	.04229 .05622 .073450 .11955 .14886 .18252 .22045 .26239 .30792 .35646 .40726 .45948 .51221 .56453 .61554 .66442 .71048 .75315 .79204 .82690 .85765 .88436
H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.10	•50000 •53983 •57926 •61791 •65542 •69146 •72575 •75804 •81594 •84134 •86433 •88493 •90320 •91924 •93319 •94520 •95543 •96407 •97128 •97725 •98214 •98610	•31118 •35208 •39468 •43850 •48300 •52763 •57182 •61503 •65678 •69661 •73415 •80127 •83050 •85676 •88007 •90053 •91827 •93348 •94637 •95718 •96613 •97542	•21677 •25352 •29320 •33544 •37975 •42558 •47230 •51587 •61143 •65537 •67719 •73645 •77282 •80608 •83610 •86284 •88636 •90679 •92431 •93916 •95159 •96186 •97026	•16179 •19408 •22992 •26907 •31120 •35582 •40237 •45020 •59434 •64028 •68413 •72539 •76367 •79868 •838840 •885840 •885840 •92278 •93823 •95110	• 12653 • 15491 • 18711 • 22304 • 26249 • 30511 • 35040 • 39778 • 44655 • 49598 • 54530 • 59376 • 64066 • 68537 • 72736 • 76622 • 80166 • 83352 • 86177 • 88646 • 90775 • 92586 • 94166 • 95364	.10235 .12745 .18940 .22620 .2660 .31021 .35652 .40489 .45458 .50483 .55481 .60376 .65095 .69574 .73761 .77616 .81113 .84239 .89385 .91433 .93162 .94603	08493 10730 13356 16385 19816 23637 27817 32315 37070 42015 47072 52158 57190 62089 66783 71211 75321 79079 82464 85466 88091 90352 92272 93880	8. 07189 09199 11590 11589 21202 22555 34209 39099 44150 49279 54403 68914 73237 77217 90826 84047 86880 89334 91429 93192	9 .06185 .08002 .10191 .12777 .15779 .19200 .23027 .27234 .31775 .36592 .41613 .46756 .51,934 .57061 .62051 .66829 .71330 .75501 .79306 .82722 .85743 .88372 .90628 .92534	.05392 .07046 .09059 .11464 .14282 .17526 .21189 .25252 .29677 .34411 .39385 .44521 .49730 .54925 .60017 .64924 .69575 .73912 .77889 .81479 .81479 .81479 .81479 .81479 .81479 .81479 .81479	.04753 .06267 .08128 .10371 .13025 .19615 .23540 .27849 .32493 .37411 .42524 .47746 .5298 .58159 .63172 .67951 .72431 .76562 .80309 .83654 .86593 .89135 .91300	.04229 .05622 .07349 .09450 .11955 .14886 .18252 .22045 .26239 .30792 .35646 .45948 .51221 .56453 .61554 .664048 .75315 .79204 .79204 .85690 .85765 .88436
H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.40 1.50 1.40 1.50 1.40 1.50 1.200 2.10 2.20 2.30	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214	•31118 •35208 •39468 •48500 •48300 •52763 •5182 •61503 •65678 •73415 •76911 •80127 •83050 •85676 •88007 •90053 •91827 •93348 •94637 •95718 •96613 •97347	.21677 .25352 .29320 .33544 .37975 .42558 .47230 .51929 .56587 .61143 .65537 .69719 .73645 .77282 .80608 .83610 .86284 .88636 .90679 .92431 .93159 .95159 .96186 .97026	.16179 .19408 .22992 .26907 .31120 .35582 .40237 .45020 .49862 .54690 .59434 .64028 .68413 .72539 .76367 .79868 .83028 .85840 .88309 .90449 .9247 .93823 .95110 .97031	.12653 .15491 .12304 .26249 .30511 .35040 .39778 .44659 .549376 .64066 .68537 .72736 .76622 .80166 .83352 .86177 .88646 .90776 .92586 .94106 .95364	.10235 .12745 .12745 .18940 .22620 .26660 .31021 .35652 .40489 .45458 .50483 .55481 .60376 .65095 .69574 .73761 .77616 .81113 .84239 .86993 .89385 .91433 .93162 .94603	08493 10730 13356 16385 19816 23637 27817 32315 37070 42015 47072 52158 62089 66783 71211 75321 79079 82464 85466 88091 99352 92272	8. 07189 09199 11590 14383 17589 21202 29555 34209 44150 49279 44150 49279 54402 59433 64293 68914 73237 77217 86880 89334 991429 93192	9  .06185 .08002 .10191 .12777 .15779 .19200 .23027 .27234 .31775 .36592 .41613 .46756 .51,934 .57061 .66829 .71330 .75501 .79306 .82722 .85743 .88372 .90628 .92534	.05392 .07046 .09059 .11464 .14282 .17526 .21189 .25252 .29677 .34411 .39385 .44521 .49730 .54925 .60017 .60924 .69575 .73912 .77889 .81479 .8	.04753 .06267 .08128 .10371 .13025 .19615 .23540 .27849 .32493 .37411 .42524 .47746 .52988 .58159 .63172 .67951 .72431 .72431 .72431 .76562 .80309 .83654 .86593 .89135 .91300 .93117	.04229 .05622 .07349 .09450 .11955 .14886 .18252 .22045 .26239 .30792 .35646 .40726 .45948 .51221 .56453 .661554 .661554 .661554 .661554 .661554 .661554 .661556 .71048 .75315 .79204 .82690 .85765 .88436 .90719
H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.10 2.20 2.30 2.40	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214 .98610 .98928	•31118 •35208 •39468 •43850 •48300 •52763 •57182 •61503 •65678 •69661 •73415 •76911 •80127 •83050 •85676 •85007 •90053 •91827 •93348 •94637 •95718 •96613 •97942 •98418	•21677 •25352 •29320 •33544 •37975 •42558 •47230 •51587 •61143 •65537 •67719 •73645 •77282 •80608 •83610 •86284 •88636 •90679 •92431 •93916 •95159 •96186 •97026	•16179 •19408 •22992 •26907 •31120 •35582 •40237 •45020 •59434 •64028 •68413 •72539 •76367 •79868 •838840 •885840 •885840 •92278 •93823 •95110	• 12653 • 15491 • 18711 • 22304 • 26249 • 30511 • 35040 • 39778 • 44655 • 49598 • 54530 • 59376 • 64066 • 68537 • 72736 • 76622 • 80166 • 83352 • 86177 • 88646 • 90775 • 92586 • 94166 • 95364	.10235 .12745 .15645 .18940 .22620 .26660 .31021 .35652 .40489 .55481 .60376 .65095 .69574 .73761 .77616 .81113 .84239 .86993 .89385 .91433 .93162 .94603 .95787	08493 10730 13356 16315 19816 23637 27817 32315 37070 42015 47072 52158 57190 66783 71211 79079 82464 88691 90352 93880 95290	8. 07189 09199 11590 11383 17589 21202 25203 25203 25255 34209 39099 44150 49279 54402 59433 68914 77217 86880 89334 91429 93192 94654 95850	9 .06185 .08002 .10191 .12777 .15779 .19200 .23027 .27234 .31775 .36592 .41613 .46756 .51,934 .57061 .62051 .79306 .82722 .855743 .89372 .90628 .92534 .94122	.05392 .07046 .09059 .11464 .14282 .17526 .21189 .25252 .29677 .34411 .39385 .44521 .49730 .54925 .60017 .64924 .69575 .73912 .7889 .81479 .84670 .87460 .89864 .91904 .93610	.04753 .06267 .08128 .10371 .13025 .19615 .23540 .27849 .32493 .37411 .42524 .52988 .58159 .63172 .67951 .72431 .72431 .7662 .80309 .83654 .86593 .89135 .91130 .93117	.04229 .05622 .07349 .09450 .11955 .14886 .18252 .22045 .26239 .30792 .35646 .45948 .51221 .56453 .61554 .6442 .71048 .75315 .79204 .82690 .85765 .88436 .90719 .92642 .94236
H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.90 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.10 2.20 2.30 2.40 2.5	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214 .98610 .98928 .99180 .99379 .99534	• 31118 • 35208 • 39468 • 43850 • 48300 • 52763 • 57182 • 615678 • 69661 • 73415 • 76911 • 80127 • 83050 • 85676 • 88007 • 90053 • 91827 • 93348 • 94637 • 97942 • 98418 • 98796	.21677 .25352 .29320 .33544 .37975 .42530 .51929 .56587 .69719 .73645 .77282 .80608 .83610 .86284 .88636 .90679 .92431 .93916 .95159 .96186 .97026 .97026	.16179 .19408 .22992 .26907 .31120 .35582 .45020 .49862 .54690 .59434 .64028 .68413 .72539 .76367 .79868 .83028 .85840 .893028 .85840 .893028 .99449 .992278 .93823 .95110 .96170 .977031	•12653 •15491 •18711 •22304 •26249 •30511 •39778 •44655 •49598 •54530 •59376 •64066 •68537 •72736 •76622 •86177 •8646 •90775 •92586 •94106 •95364 •96393 •97224	.10235 .12745 .12745 .18940 .22620 .26660 .31021 .35652 .40489 .45458 .50483 .55481 .60376 .65095 .69574 .73761 .77616 .81113 .84239 .86993 .89385 .91433 .93162 .94603	08493 10730 13356 16385 19816 23637 27817 32315 37070 42015 47072 52158 62089 66783 71211 75321 79079 82464 85466 88091 99352 92272	8. 07189 09199 11590 14383 17589 21202 29555 34209 44150 49279 44150 49279 54402 59433 64293 68914 73237 77217 86880 89334 991429 93192	9  .06185 .08002 .10191 .12777 .15779 .19200 .23027 .27234 .31775 .36592 .41613 .46756 .51,934 .57061 .66829 .75501 .79306 .82722 .85743 .88372 .90628 .92534	.05392 .07046 .09059 .11464 .14282 .17526 .21189 .25252 .29677 .34411 .39385 .44521 .49730 .54925 .60017 .64924 .69575 .73912 .77889 .81479 .8	.04753 .06267 .08128 .10371 .13025 .19615 .23540 .27849 .32493 .37411 .42524 .47746 .52988 .58159 .63172 .67951 .72431 .72431 .72431 .76562 .80309 .83654 .86593 .89135 .91300 .93117	.04229 .05622 .07349 .09450 .11955 .14886 .18252 .22045 .26239 .30792 .35646 .40726 .45948 .51221 .56453 .66453 .61554 .66442 .71048 .75315 .79204 .82690 .85765 .88436 .90719
H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.40 1.50 1.40 1.50 1.40 1.50 2.10 2.20 2.30 2.40 2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.5	•50000 •53983 •57926 •61791 •65542 •69146 •72575 •75804 •81594 •84134 •86433 •88493 •90320 •91924 •93319 •94520 •95543 •96407 •97128 •97725 •98214 •98610 •99379 •99534 •99633	• 31118 • 35208 • 39468 • 43850 • 48300 • 52763 • 57182 • 615678 • 69661 • 73415 • 76911 • 80127 • 83050 • 85676 • 88007 • 90053 • 91827 • 93348 • 94637 • 97718 • 96613 • 977942 • 98418 • 98796 • 99093 • 99322 • 994499	•21677 •25352 •29320 •33544 •37975 •42558 •47230 •51592 •56587 •61143 •65517 •73645 •77282 •80608 •83610 •86284 •88636 •90679 •92431 •9316 •97026 •97026 •98673 •98673	.16179 .19408 .22992 .26907 .31120 .35582 .45020 .49862 .54690 .59434 .64028 .68413 .72539 .76367 .79868 .83028 .85840 .893028 .85840 .893028 .99449 .99278 .93823 .95110 .96170 .97723 .98271 .99731	• 12653 • 15491 • 18711 • 22304 • 26249 • 30511 • 35040 • 39778 • 44655 • 49598 • 545376 • 64066 • 68537 • 72736 • 76622 • 80166 • 83352 • 86177 • 92586 • 94106 • 94106 • 95364 • 96393 • 97224 • 97886 • 98807 • 98807 • 98807	.10235 .12745 .18740 .22620 .26660 .31021 .35652 .40489 .45458 .50483 .55481 .60376 .65095 .73761 .7	08493 10730 13356 16385 19816 23637 27817 32315 37070 42015 47072 52158 57190 66783 71211 79079 82464 88691 90352 92272 93880 95290 97159 97849 97849	8. 07189 09199 11590 14383 17589 21202 25555 34209 44150 49279 54402 59433 68914 73237 780826 84047 86880 89334 91429 94654 95850 96815	9 .06185 .08002 .10191 .12777 .15779 .19200 .23027 .27234 .31775 .36592 .41613 .46756 .51,934 .57061 .62051 .79306 .82722 .855743 .89372 .90628 .92534 .94122	.05392 .07046 .09059 .11464 .14282 .17526 .21189 .25252 .29677 .34411 .39385 .44521 .49730 .54925 .60017 .64924 .69575 .73912 .7889 .81479 .84670 .87460 .89864 .91904 .93610	.04753 .06267 .08128 .10371 .13025 .19615 .23540 .27849 .32493 .37411 .47746 .52988 .63172 .67951 .72431 .76562 .80309 .83654 .86593 .89135 .91300 .93117 .94620	.04229 .05622 .07349 .09450 .11955 .14886 .18252 .22045 .26239 .30792 .35646 .45948 .51221 .56453 .61554 .66442 .71048 .75315 .79204 .85765 .88436 .90719 .92642 .94236 .95339
H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.40 1.50 1.40 1.50 1.40 1.50 1.40 1.50 1.40 1.50 1.40 1.50 1.40 1.50 1.40 1.50 1.50 1.40 1.50 1.40 1.50 1.70 1.80 1.8	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .88134 .86433 .88493 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214 .98610 .999379 .99534 .99339 .99534	•31118 •35208 •43850 •48300 •52763 •57182 •61503 •65678 •69661 •73415 •80127 •83050 •85676 •88007 •90053 •91827 •93348 •94637 •95718 •96613 •97942 •98418 •98993 •999322 •99499 •99633	•21677 •25352 •29320 •33544 •37975 •42558 •47230 •51587 •61143 •65537 •67719 •73645 •77282 •80608 •83610 •86284 •88636 •90679 •92431 •97026 •97026 •97026 •98673 •98263 •98673	.16179 .19408 .22992 .26907 .31120 .35582 .40237 .45020 .59434 .68413 .72539 .72539 .79868 .838840 .885840 .885840 .89328 .92278 .93823 .95110 .96170 .97723 .98271 .98701 .99034 .99289	.12653 .15491 .18711 .22304 .26249 .30511 .35040 .39778 .44655 .49598 .54530 .59376 .64066 .68537 .72736 .76622 .80166 .83352 .86177 .88646 .90775 .92586 .94106 .95364 .96393 .97288 .98807 .98807 .98807 .98807 .98807 .98807 .98807 .98807 .98807 .98807 .98813 .99124	.10235 .12745 .15645 .18940 .22620 .26660 .31021 .35652 .40489 .45458 .50483 .50483 .50483 .509574 .73761 .777616 .81113 .84239 .86993 .89385 .91433 .93162 .94603 .95787 .97516 .98598	08493 10730 13356 16385 19816 23637 27817 32315 37070 42015 47072 52158 57190 66783 71211 79079 82464 85466 88091 990352 92272 93880 95208 96290 97159 97849 98389 98389	8 .07189 .09199 .11590 .14383 .17589 .21202 .25203 .29555 .34209 .44150 .49279 .54402 .59433 .6493 .68914 .73237 .77217 .86880 .89334 .91429 .94654 .95850 .96815 .97583 .98186 .98654	9 .06185 .08002 .10191 .12777 .15779 .19200 .23027 .27234 .31775 .41613 .46756 .51,934 .57061 .62051 .66829 .71330 .75501 .68829 .71330 .75501 .82722 .85732 .92534 .94122 .95425 .96481 .97324	.05392 .07046 .09059 .11464 .14282 .17526 .21189 .25252 .29677 .34411 .39385 .44521 .49730 .54925 .60017 .64924 .69575 .77889 .81479 .8	.04753 .06267 .08128 .10371 .13025 .19615 .23549 .32493 .37411 .47746 .52988 .63172 .67951 .72431 .76562 .80309 .83654 .86593 .89135 .91300 .93117 .94620 .95844 .96827 .97606	.04229 .05622 .07349 .09450 .11955 .14886 .18252 .22045 .26239 .30792 .35646 .45948 .51221 .56453 .66453 .66442 .71048 .75315 .79204 .82690 .85765 .88436 .90719 .92642 .95538
H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.10 2.20 2.30 2.40 2.5	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214 .98610 .98928 .99180 .99379 .99534 .99653 .99653	•31118 •35208 •39468 •43850 •48300 •52763 •5182 •61503 •65678 •69661 •73415 •76911 •80127 •83050 •85676 •8007 •90053 •91827 •93348 •94637 •95718 •96613 •97347 •97942 •98418 •98619 •99093 •99322 •99499 •99633 •99734	.21677 .25352 .29320 .33544 .37975 .42558 .47230 .51929 .56587 .69719 .73645 .77282 .80608 .83610 .86284 .88636 .90679 .92431 .93916 .95159 .96186 .97704 .98246 .98673 .99006 .99263 .99458	.16179 .19408 .22992 .26907 .31120 .35582 .45020 .49862 .54690 .59434 .64028 .68413 .72539 .76367 .79868 .83028 .88309 .90449 .92278 .93823 .95110 .96170 .97723 .98271 .98701 .99034 .99289	.12653 .15491 .18711 .22304 .26249 .30511 .35040 .39778 .44659 .549376 .64066 .68537 .72736 .76622 .86177 .88646 .90772 .92586 .94106 .95364 .96393 .97224 .97886 .98407 .98813 .99124	.10235 .12745 .15645 .18940 .22620 .26660 .31021 .35652 .40489 .45458 .50483 .55481 .60376 .65095 .69574 .73761 .77616 .81113 .84239 .86993 .89385 .91433 .93162 .94603 .95787 .97516 .98124 .98598	08493 10730 13356 16385 19816 23637 27817 32315 37070 42015 47072 52158 62089 66783 71211 75321 79079 82464 85466 88091 92272 93880 97159 97159 97849 98389 97849 988807	8 .07189 .09199 .11590 .14383 .17589 .21202 .25203 .29555 .34209 .44150 .49279 .44150 .49279 .59433 .64293 .64293 .68914 .73237 .77217 .78826 .84047 .86880 .89334 .91429 .93192 .94654 .95850 .96815 .97583 .98654 .99012	9 .06185 .08002 .10191 .12777 .15779 .19200 .23027 .27234 .31775 .41613 .46756 .51,934 .57061 .62051 .66829 .71330 .75501 .66829 .71330 .75501 .85743 .883742 .92534 .94122 .95481 .97988 .98504 .97988 .98504 .98901	.05392 .07046 .09059 .11464 .14282 .17526 .21189 .25252 .29677 .34411 .39385 .44521 .49730 .54925 .60017 .609575 .73912 .77889 .81479	.04753 .06267 .08128 .10371 .13025 .19615 .23540 .27849 .32493 .37411 .42524 .47746 .52988 .58159 .63172 .67951 .72431 .76562 .80309 .83654 .86593 .89135 .91300 .93117 .94620 .95844 .96827 .97606 .98215	.04229 .05622 .07349 .09450 .11955 .14886 .18252 .22045 .26239 .30792 .35646 .45948 .51221 .56453 .66442 .71048 .75315 .79204 .82690 .85765 .88436 .90719 .92642 .94236 .95539 .96588 .97422 .98074 .98578
H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.40 1.50 1.40 1.50 2.10 2.20 2.30 2.40 2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.5	•50000 •53983 •57926 •61791 •65542 •69146 •72575 •75804 •81594 •84134 •86433 •88493 •90320 •91924 •93319 •94520 •95543 •96407 •97128 •97725 •98214 •98610 •99379 •99534 •99653 •99744 •99813 •99865 •99865 •99865	• 31118 • 35208 • 43850 • 48300 • 52763 • 57182 • 61503 • 65661 • 73415 • 73415 • 83050 • 85676 • 88007 • 90053 • 91827 • 93348 • 94637 • 97742 • 98418 • 98796 • 99093 • 99499 • 99633 • 99734 • 99809	•21677 •25352 •29320 •33544 •37975 •42558 •47230 •51599 •56587 •61143 •65537 •77282 •80608 •83610 •86284 •88636 •90679 •92431 •9316 •97026 •97026 •97026 •98673 •99458 •99458 •99458	•16179 •19408 •22992 •26907 •31120 •45020 •49862 •54690 •59434 •68413 •725367 •79868 •83028 •85840 •88309 •90449 •92278 •93823 •95110 •97723 •9871 •99034 •99289 •99482 •99626	• 12653 • 15491 • 18711 • 22304 • 26249 • 30511 • 35040 • 39778 • 44655 • 49598 • 54530 • 68537 • 72736 • 76622 • 80166 • 83352 • 86177 • 86466 • 94106 • 9410	.10235 .12745 .18740 .22620 .26660 .31021 .35652 .40489 .45458 .50483 .55481 .60376 .65095 .73761 .7	08493 10730 13356 163816 23637 27817 32315 37070 42015 47072 52158 57190 66783 71211 79079 82464 88091 90352 93880 95208 97899 97899 97899 97899 98389 98389	8 .07189 .09199 .11590 .14383 .17589 .21202 .25255 .34209 .39099 .44150 .49279 .54402 .59433 .64293 .68914 .73237 .77217 .90826 .84047 .86880 .89334 .91429 .93192 .946815 .97583 .98186 .98186 .98186 .98186 .98186 .98186 .99283	9 .06185 .08002 .10191 .12777 .15779 .19200 .23027 .27234 .31775 .36592 .41613 .46756 .51,934 .57061 .62051 .66829 .71330 .75501 .79306 .82722 .85743 .89372 .90628 .92534 .94122 .95481 .97324 .97988 .98504 .98901 .99201	.05392 .07046 .09059 .11464 .14282 .17526 .21189 .25252 .29677 .34411 .39385 .60017 .64924 .69575 .73912 .77889 .81479 .84670 .89864 .91904 .93610 .946158 .977795 .98358 .98791 .99120	.04753 .06267 .08128 .10371 .13025 .19615 .23549 .32493 .37411 .42524 .47746 .5298 .58159 .63172 .67951 .72431 .76562 .80309 .83654 .86593 .89135 .91300 .93117 .94620 .95844 .96826 .98215	.04229 .05622 .07349 .09450 .11955 .14886 .18252 .226239 .30792 .35646 .51221 .51544 .5154 .61554 .61554 .71048 .75315 .75204 .82690 .85763 .88436 .90719 .92642 .95539 .96588 .97422 .98574 .98574 .98574 .98574 .98574 .98574
H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.40 1.50 1.40 2.10 2.10 2.20 2.30 2.40 2.5	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .88134 .86433 .88493 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214 .98610 .999534 .999534 .999534 .99865 .999653 .999653 .999653	•31118 •35208 •43850 •48300 •52763 •57182 •61503 •65678 •69661 •73415 •80127 •83050 •85676 •88007 •90053 •91827 •93348 •94637 •97718 •96613 •97942 •98418 •99093 •99322 •99493 •99322 •99493 •99633 •99734 •9809 •9964	•21677 •25352 •29320 •33544 •37975 •42558 •47230 •51587 •61143 •65537 •6719 •73645 •77282 •80608 •83610 •86284 •88636 •90679 •92431 •97026 •97026 •9704 •98263 •99458 •99263 •99458 •99458	.16179 .19408 .22992 .26907 .31120 .35582 .40237 .45020 .59434 .68413 .72539 .7	.12653 .15491 .18711 .22304 .26249 .30511 .35040 .39778 .44655 .49598 .54530 .59376 .64066 .68537 .72736 .76622 .80166 .90775 .92586 .94106 .95364 .96393 .97284 .97886 .98813 .99124 .99361 .99538	.10235 .12745 .15645 .18940 .22620 .31021 .35652 .40489 .45458 .50483 .50483 .50483 .60376 .659574 .73761 .777616 .81113 .84239 .86993 .89385 .91433 .93162 .94603 .95787 .97516 .98598 .98964 .98598 .98964	08493 10730 13356 19816 23637 27817 32315 37070 42015 47072 52158 57190 62089 66783 71211 75079 82464 85466 88091 90352 92272 93880 95208 96290 97159 98389 97849 98389 98389 98389 98389	8 .07189 .09199 .11590 .14383 .17589 .21202 .25203 .29555 .34209 .44150 .49279 .54402 .59433 .64914 .73237 .77217 .86880 .89334 .91429 .94654 .95850 .96815 .97583 .98186 .98654 .99012 .99283 .99485	9 .06185 .08002 .10191 .12777 .15779 .19200 .23027 .27234 .31775 .36592 .41613 .46756 .51,934 .57061 .62051 .66829 .715501 .79306 .82722 .85743 .89372 .90628 .92534 .94122 .95481 .97324 .97988 .98504 .98901 .99425	.05392 .07046 .09059 .11464 .14282 .17526 .21189 .25252 .29677 .34411 .39385 .44521 .49730 .54925 .60017 .64924 .69575 .77889 .81479 .81479 .87460 .89864 .91904 .926158 .97072 .97795 .98358 .98791 .99120	.04753 .06267 .08128 .10371 .13025 .19615 .23549 .32493 .37411 .42524 .47746 .52988 .58159 .63172 .67951 .72431 .76562 .83654 .86593 .89135 .91300 .93117 .94620 .95844 .96827 .97606 .98215 .98684 .98215	.04229 .05622 .07349 .09450 .11955 .14886 .18252 .22045 .30792 .35646 .45948 .51221 .56453 .61554 .66453 .71048 .75315 .79204 .82690 .85765 .88436 .90719 .92642 .94236 .95539 .96588 .97422 .98074 .98578 .98074 .98578 .98578 .98578 .98578 .98578 .98578 .98074 .98578
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H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.30 1.40 1.50 1.40 1.50 1.40 1.50 2.00 2.10 2.20 2.30 2.40 2.5	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .88134 .86433 .88493 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214 .98610 .999534 .999534 .999534 .99865 .999653 .999653 .999653	•31118 •35208 •43850 •48300 •52763 •57182 •61503 •65678 •69661 •73415 •80127 •83050 •85676 •88007 •90053 •91827 •93348 •94637 •97718 •96613 •97942 •98418 •99093 •99322 •99493 •99322 •99493 •99633 •99734 •9809 •9964	•21677 •25352 •29320 •33544 •37975 •42558 •47230 •515929 •56587 •61143 •65537 •73645 •77282 •80608 •83610 •86284 •88636 •90679 •92431 •93916 •97026 •97026 •97026 •99458 •99458 •99458 •99717 •99798 •99857	.16179 .19408 .22992 .26907 .31120 .35582 .40237 .45020 .49862 .54690 .59434 .68413 .72539 .76367 .79868 .8308 .83840 .88309 .90449 .92278 .93823 .95110 .96170 .97723 .98271 .98271 .99289 .99482 .99626 .99626 .99626	.12653 .15491 .18711 .22304 .26249 .30511 .35040 .39778 .44655 .49598 .543376 .64066 .68537 .72736 .76622 .86177 .86647 .92586 .94106	.10235 .12745 .18740 .22620 .26660 .31021 .35652 .40489 .45458 .50483 .55481 .60376 .65074 .73761 .77616 .81113 .84239 .89385 .91433 .93162 .94603 .95787 .97516 .98598 .98964 .99451 .99451 .99451 .99451	08493 10730 13356 163816 23637 27817 32315 37070 42015 47072 52158 57190 66783 71211 79079 82464 88691 90252 93880 95208 9789 9789 9789 9789 9789 9789 9789 97	8 .07189 .09199 .11590 .14383 .17589 .21202 .25255 .34209 .39099 .44150 .49279 .54402 .59433 .68237 .77217 .80826 .84047 .86880 .89334 .91429 .94654 .95850 .96815 .97583 .98186 .98654 .99283 .99485 .99634 .99743	9  .06185 .08002 .10191 .12777 .15779 .19200 .23027 .27234 .31775 .36592 .41613 .46756 .51,934 .57061 .62051 .66829 .71330 .75501 .79306 .82722 .85747 .90628 .92534 .94122 .95425 .96481 .97324 .97128 .98504 .98901 .99425	.05392 .07046 .09059 .11464 .14282 .17526 .21189 .25252 .29677 .34411 .39385 .60017 .64924 .69575 .73912 .77889 .81479 .84670 .89864 .91904 .95016 .96158 .977795 .98358 .98712 .99782 .99366 .99582	.04753 .06267 .08128 .10371 .13025 .19615 .23549 .32493 .37411 .42524 .47746 .52988 .58159 .63172 .72431 .72431 .76562 .80309 .83654 .86593 .89135 .91300 .93117 .94620 .95844 .96041 .99041 .99041 .99041 .9908 .99507	.04229 .05622 .07349 .09450 .11955 .14886 .18252 .22039 .30792 .35646 .45948 .51221 .61554 .66442 .71048 .75315 .82690 .857636 .88436 .90719 .92642 .95539 .96588 .97422 .98074 .98576 .98576 .98576 .99623
H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.40 1.50 1.40 1.50 2.10 2.40 2.30 2.40 2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.5	•50000 •53983 •57926 •61791 •65542 •69146 •72575 •75804 •81594 •84134 •86433 •88493 •90320 •91924 •93319 •94520 •95543 •96407 •97128 •97725 •98214 •98610 •99379 •99534 •99653 •99963 •99963 •99963 •99963	•31118 •35208 •43850 •48300 •52763 •57182 •61503 •55678 •69661 •73415 •783050 •85676 •88007 •90053 •91827 •93348 •94637 •97347 •97942 •98418 •97942 •98418 •9793 •99322 •99499 •99633 •99734 •99864 •99904 •99904	.21677 .25352 .29320 .33544 .37975 .42558 .47230 .51929 .56587 .69719 .73645 .77282 .80608 .83610 .86284 .88636 .90679 .92431 .93916 .95159 .96186 .97704 .98673 .99006 .99263 .99458 .99458 .99458	.16179 .19408 .22992 .26907 .31120 .35582 .45020 .49862 .54690 .59434 .64028 .68413 .72539 .76367 .79868 .83028 .85840 .90449 .92278 .93823 .95110 .96170 .97723 .98271 .98701 .99732 .99826 .99482 .99482 .99482 .99482 .99482	.12653 .15491 .18711 .22304 .26249 .30511 .35040 .39778 .44559 .54530 .59376 .64066 .68537 .72736 .76622 .86177 .88646 .9077 .92586 .94106 .95364 .96393 .97224 .97886 .98407 .98813 .99124 .99361 .99538 .99570	.10235 .12745 .15645 .18940 .22620 .26660 .31021 .35652 .40489 .50483 .55481 .60376 .65095 .69574 .73761 .777616 .81113 .84239 .86993 .89385 .91433 .93162 .94603 .95787 .96747 .97516 .98124 .98598 .98598 .98598 .98598 .99451 .99451 .99607	08493 10730 13356 16385 19816 23637 27817 32315 37070 42015 47072 52158 52089 66783 71211 75321 79079 82464 85466 88091 92272 93880 97159 97849 98389 97159 97849 98807 97159 98807 99126 99366 99545	8 .07189 .09199 .11590 .14383 .17589 .21202 .29555 .34209 .44150 .49279 .44150 .49279 .59433 .64293 .64293 .64293 .64293 .68914 .73237 .77217 .77	9 .06185 .08002 .10191 .12777 .15779 .19200 .23027 .27234 .31775 .36592 .41613 .46756 .51,934 .57061 .62051 .62051 .62051 .71330 .75501 .682722 .85743 .88372 .90628 .92534 .94122 .95425 .96481 .97324 .97324 .97324 .97988 .98504 .98901 .999201 .99425 .99591	.05392 .07046 .09059 .11464 .14282 .17526 .21189 .25252 .29677 .34411 .39385 .49530 .54925 .60017 .64924 .69575 .77889 .81479 .81479 .87460 .89864 .91616 .95016 .96158 .97072 .97795 .98358 .97072 .99120 .99366 .99549	.04753 .06267 .08128 .10371 .13025 .19615 .23540 .27849 .32493 .37411 .42524 .47746 .52988 .58159 .63172 .67951 .72431 .76562 .80309 .83654 .86593 .89135 .91300 .95844 .96827 .97606 .98215 .98684 .99507	.04229 .05622 .07349 .09450 .11955 .14886 .14886 .14886 .45948 .51221 .56453 .66453 .66442 .71048 .75315 .79204 .82690 .85765 .88436 .90719 .92642 .94236 .95538 .97422 .98074 .98578 .9

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	.00023	•00000	•00000	•00000	•00000	•00000	•00000	• 00000	•00000	•00000	•00000	•0000
3.50	•00023	•00001	.00000	•00000	•00000	.00000	•00000	•00000	•00000	•00000	.00000	.0000
3.30	.0004B	•00001	.00000	.00000	• 00000	•00000	•00000	•00000	•00000	•00000	•00000	.0000
-20	•00069	•00002	.00000	•00000	•00000	•00000	•00000	• 00000	•00000	•00000	•00000	•0000
1.10	.00097	•00003	•00000	•00000	•00000	•00000	•00000	•00000	•00000	•00000	•00000	.0000
•00	•00135	•00005	•00001	•00000	•00000	•00000	•00000	• 00000	•00000	•00000	•00000	.0000
2.90	+00187 +00256	.00007 .00012	.00001 .00002	•00000	•00000	•00000	•00000	• 00000	•00000	•00000	•00000	.0000
•80 •70	•00347	.00012	•00003	•00001	•00000	•00000	•00000	. 00000	•00000	•00000	•00000	.0000
•60	.00466	•00028	.00004	•00001	• 00000	•00000	•00000	• 00000	•00000	•00000	•00000	.0000
2.50	•00621	+00043	•00007	•00002	• 00001	•00000	• 00000	• 00000	•00000	•00000	•00000	• 0000
2.40	•00820	• 00065	.00012	•00004	•00001	•00001	•00000	• 00000	•00000	•00000	•00000	.0000
2.30	.01072	00096	•00020	•00006	•00002	•00001	•00001	• 00000	•00000	•00000	•00000	.000
2 • 20	•01390	+00141	•00031	•00010	•00004 •00007	•00002 •00004	•00001 •00002	• 00001	•000001	•00001	•00000	.000
2.00	.01786 .02275	•00204 •00292	•00048 •00074	•00017 •00027	•00012	•00004	•00004	• 00002	.00001	•00001	•00001	.000
1.90	.02872	.00413	•00112	•00043	•00020	•00011	•00006	.00004	•00003	.00002	•00001	.000
1.80	•03593	• 00576	.00168	.00067	.00032	·00018	•00011	.00007	•00005	•00003	•00002	.000
1.70	.04457	•00794	.00247	.00103	•00052	.00029	·00018	- 00012	.00008	•00006	•00004	,000
1 - 60	•05480	.01081	•00358	.00157	+00081	•00047	•00030	• 00020	•00014	•00010	-00008	.000
1.50	.06681	•01454	.00513	•00234	.00125	•00075	.0004B	+00033	•00023	•00017 •00029	.00022	•000
1 • 40	.08076	.01933	•00724 •01007	•00345 •00500	•00191 •00285	•00117 •00179	•00077 •00120	• 00053 • 00085	•00039 •00062	•0002 <del>9</del>	.00022	•000
1.30	•09680 •11507	•02538 •03294	.01382	.00714	•00420	.00270	.00185	•00133	•00099	•00076	•00060	.000
1.20 1.10	13567	.04225	.01872	•01006	•00610	•00401	.00281	.00205	.00155	.00121	<b>400097</b>	.000
1.00	.15866	.05356	.02500	.01394	.00870	.00587	.00418	•00311	.00239	+00189	.00152	•001
0.90	. 18406	.06714	.03295	.01906	.01223	.00843	.00612	.00463	.00361	.00288	.00235	•001
0.80	.21186	.08321	.04285	•02567	.01693	.01193	.00882	• 00677	.00535	•00433	.00357	.002
0.70	-24196	10199	.05501	.03409	.02308	.01661	.01251	• 00975	·00780	•00638 •00926	.00532 .00779	.004
0.60	•27425	12365	•06973	•04463	•03099	.02277 .03074	.01744 .02394	•01380 •01921	•01119 •01577	.01320	.01122	.009
0.50 0.40	•30854 •34458	•14831 •17600	•08726 •10785	•05763 •07339	•04100 •05347	.04086	.03234	.02631	.02187	.01850	.01588	.013
0.30	.38209	.20672	.13168	.09222	•06872	.05350	.04302	+03547	.02983	.02550	.02209	.019
0.20	.42074	.24036	15885	11436	•08709	.06902	.05634	.04706	.04004	.03457	•03023	.026
0.10	.46017	.27671	. 18940	.13998	.10884	.08775	.07268	.06148	.05288	•04611	.04068	.036
0.00	-20000	.31549	.22324	.16917	.13419	· 10998	.09238	• 07509	•06876	•06053	•05385	•04B
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0.00	.50000	•31549	•22324	•16917	•13419	.10998	•09238	• 07909	.06876 .08803	.06053 .07821	.05385 .07015	•04
0.00	.50000 .53983	•31549 •35636							.06876	•06053 •07821 •09949	.05385 .07015 .08996	•04 •06 •08
0.00	.50000	•31549	.22324 .26020	•16917 •20193	•13419 •16325	•10998 •13592	.09238 .11570 .14287 .17396	•07909 •10022 •12514 •15401	.06876 .08803 .11100	.06053 .07821 .09949 .12466	.05385 .07015 .08996 .11358	.04 .06 .08
0.00	.50000 .53983 .57926	•31549 •35636 •39887	.22324 .26020 .29999 .34223	•16917 •20193 •23812 •27750 •31971	•13419 •16325 •19603 •23241 •27216	.10998 .13592 .16569 .19928 .23657	.09238 .11570 .14287 .17396 .20894	.07909 .10022 .12514 .15401	.06876 .08803 .11100 .13791	•06053 •07821 •09949 •12466 •15390	.05385 .07015 .08996 .11358 .14126	•04 •06 •08 •10
0.00 0.10 0.20 0.30 0.40	.50000 .53983 .57926 .61791 .65542	• 31549 • 35636 • 39887 • 44255 • 48685 • 53123	.22324 .26020 .29999 .34223 .38643	.16917 .20193 .23812 .27750 .31971	•13419 •16325 •19603 •23241 •27216 •31491	• 10998 • 13592 • 16569 • 19928 • 23657 • 27730	.09238 .11570 .14287 .17396 .20894 .24765	• 07909 • 10022 • 12514 • 15401 • 18689 • 22368	.06876 .08803 .11100 .13791 .16887 .20388	.06053 .07821 .09949 .12466 .15390	.05385 .07015 .08996 .11358 .14126	.04 .06 .08 .10
0.00 0.10 0.20 0.30 0.40 0.50	.50000 .53983 .57926 .61791 .65542 .69146	•31549 •35636 •39887 •44255 •48685 •53123 •57515	.22324 .26020 .29999 .34223 .38643 .43205	•16917 •20193 •23812 •27750 •31971 •36428 •41063	•13419 •16325 •19603 •23241 •27216 •31491 •36017	• 10998 • 13592 • 16569 • 19928 • 23657 • 27730 • 32105	.09238 .11570 .14287 .17396 .20894 .24765 .28977	.07909 .10022 .12514 .15401 .18689 .22368	.06876 .08803 .11100 .13791 .16887 .20388	.06053 .07821 .09949 .12466 .15390 .18725	.05385 .07015 .08996 .11358 .14126 .17309	.04 .06 .08 .10 .13
0.00 0.10 0.20 0.30 0.40 0.50 0.60	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804	•31549 •35636 •39887 •44255 •53123 •57515 •61907	• 22324 • 2600 • 29999 • 34223 • 38643 • 47847 • 52508	*16917 *20193 *23812 *27750 *31971 *36428 *41063	• 13419 • 16325 • 19603 • 23241 • 27216 • 31491 • 36017 • 40734	• 10998 • 13592 • 16569 • 19928 • 23657 • 27730 • 32105 • 36730	.09238 .11570 .14287 .17396 .20894 .24765 .28977	• 07909 • 10022 • 12514 • 15401 • 18689 • 22368 • 26416 • 30794	.06876 .08803 .11100 .13791 .16887 .20388 .24277	.06053 .07821 .07949 .12466 .15390 .18725 .22463	.05385 .07015 .08996 .11358 .14126 .17309 .20904	.04 .06 .08 .10 .13 .16
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804	•31549 •35636 •39887 •44255 •48685 •53123 •57515 •61807 •65950	•22324 •26020 •29999 •34223 •38643 •43205 •47847 •52508 •57122	•16917 •20193 •23812 •27750 •31971 •36428 •41063 •45814 •50612	•13419 •16325 •19603 •23241 •27216 •31491 •36017 •40734 •45575	• 10998 • 13592 • 16569 • 19928 • 23657 • 27730 • 32105 • 36730 • 41542	.09238 .11570 .14287 .17396 .20894 .24765 .28977 .33484 .38229	.07909 .10022 .12514 .15401 .18689 .22368	.06876 .08803 .11100 .13791 .16887 .20388	.06053 .07821 .09949 .12466 .15390 .18725	.05385 .07015 .08996 .11358 .14126 .17309 .20904 .24895 .29244	.04 .06 .08 .10 .16 .19 .23
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814	•31549 •35636 •39887 •44255 •53123 •57515 •61907	• 22324 • 2600 • 29999 • 34223 • 38643 • 47847 • 52508	*16917 *20193 *23812 *27750 *31971 *36428 *41063	• 13419 • 16325 • 19603 • 23241 • 27216 • 31491 • 36017 • 40734	• 10998 • 13592 • 16569 • 19928 • 23657 • 27730 • 32105 • 36730	.09238 .11570 .14287 .17396 .20894 .24765 .28977	.07909 .10022 .12514 .15401 .18689 .22368 .26416 .30794 .35450 .40319 .45327	.06876 .08803 .11100 .13791 .16887 .20388 .24277 .28523 .33080 .37888 .42876	.06053 .07821 .07821 .12466 .15390 .18725 .22463 .26579 .31033 .35770	.05385 .07015 .08996 .11358 .14126 .17309 .20904 .24895 .29244 .33904	.04 .06 .08 .10 .13 .16 .19 .23 .27
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804	• 31549 • 35636 • 39887 • 44255 • 48685 • 53123 • 57515 • 61807 • 65950 • 69902	.22324 .26020 .29999 .34223 .38643 .43205 .47847 .52508 .57122 .61629 .6572	*16917 *20193 *23812 *27750 *31971 *36428 *41063 *45814 *50612 *55387 *60071	• 13419 • 16325 • 19603 • 23241 • 27216 • 31491 • 36017 • 40734 • 45575 • 50468 • 55339 • 60115	• 10998 • 13592 • 16569 • 19928 • 23657 • 27730 • 36730 • 41542 • 46470 • 51436	.09238 .11570 .14287 .20894 .24765 .28977 .33484 .38229 .43141 .48147	• 07909 • 10022 • 12514 • 15401 • 18689 • 22368 • 26416 • 30794 • 35450 • 40319 • 45327 • 50394	.06876 .08803 .11100 .13791 .16887 .20388 .24277 .285523 .33080 .37888 .42876 .47963	.06053 .07821 .07949 .12466 .15390 .18725 .22463 .26579 .31033 .35770 .40721	.05385 .07015 .08996 .11358 .14126 .17309 .20904 .24895 .29244 .33904 .38608 .43881	.04 .06 .08 .10 .13 .16 .19 .23 .23 .32
0.00 0.10 0.20 0.30 0.50 0.60 0.70 0.80 0.90 0.90	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433	•31549 •35636 •3983 •44255 •48685 •53123 •57515 •61807 •65950 •69902 •73625 •7709	.22324 .26020 .2999 .34223 .38643 .47847 .52508 .57122 .61629 .65972 .73978	•16917 •20193 •23812 •27750 •31971 •36428 •41063 •45814 •50612 •55387 •60071 •64610	•13419 •16325 •19603 •23241 •27216 •31491 •36017 •40734 •45575 •50468 •55339 •60115 •64729	• 10998 • 13592 • 16569 • 19928 • 23657 • 27730 • 32105 • 36730 • 41542 • 46470 • 51436 • 56364 • 61179	.09238 .11570 .14287 .17396 .20894 .24765 .28977 .33484 .38229 .43141 .48147 .53165	.07909 .10022 .125401 .15401 .18689 .26416 .30794 .35450 .40319 .45327 .503450	.06876 .08803 .11100 .13791 .16887 .20388 .24277 .28523 .33080 .42876 .47963 .53067	.06053 .07821 .079821 .12466 .15390 .18725 .22463 .26579 .31033 .35770 .40721 .45808 .50949	.05385 .07015 .08996 .11358 .14126 .17309 .20904 .24895 .29244 .33904 .38808 .43880	.04 .06 .08 .10 .13 .16 .19 .23 .27 .32 .32
0.00 0.10 0.20 0.40 0.50 0.60 0.70 0.80 0.90 0.00 0.20 0.30	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433	•31549 •35636 •39887 •44255 •48685 •53123 •57515 •61807 •65950 •69902 •73625 •77091 •80280 •83178	.22324 .26020 .29999 .34223 .38643 .47847 .52508 .57122 .61629 .65972 .70102 .73978	•16917 •20193 •23812 •27750 •31971 •36428 •41063 •45814 •50612 •55387 •60071 •64600 •68919 •72979	•13419 •16325 •19603 •23241 •27216 •31491 •40734 •45575 •50468 •55339 •60115 •64729	• 10998 • 13592 • 16569 • 19928 • 23657 • 27730 • 32705 • 36730 • 41542 • 46730 • 51436 • 56364 • 61179	.09238 .11570 .11287 .17396 .20894 .24765 .28977 .33484 .38229 .43141 .48147 .53165 .58117 .62927	• 07909 • 10022 • 12514 • 15401 • 18689 • 22368 • 26446 • 30794 • 35450 • 40327 • 50394 • 553438 • 60378	.06876 .08803 .11100 .13791 .16887 .20388 .24277 .28523 .33080 .37888 .42876 .47963 .53067	.06053 .07821 .09949 .12466 .15390 .18725 .22463 .26579 .31033 .35730 .40721 .45808 .50949	.05385 .07015 .08996 .11358 .14126 .17309 .20904 .24895 .29244 .33904 .38608 .43881 .49040	.04 .06 .08 .10 .13 .13 .27 .32 .37 .47
0.00 0.10 0.20 0.30 0.50 0.50 0.70 0.80 0.90 0.00 0.10 0.20 0.30	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .88493 .90320	•31549 •35636 •39887 •44255 •48685 •53123 •57515 •61902 •73625 •77091 •80280 •83178 •85781	.22324 .26020 .29999 .34223 .38643 .43205 .47847 .52508 .57122 .61629 .65972 .70102 .73978 .77567 .80847	*16917 *20193 *23812 *27750 *31971 *36428 *41063 *45814 *50612 *55387 *60071 *64600 *68919 *72979 *76743	• 13419 • 16325 • 19603 • 23241 • 27216 • 31491 • 36017 • 40734 • 45575 • 50468 • 55339 • 60115 • 64729 • 69122 • 73243	• 10998 • 13592 • 16569 • 19928 • 23657 • 27730 • 32105 • 36730 • 41542 • 46470 • 51436 • 56364 • 61179 • 65813 • 70205	.09238 .11570 .14287 .17396 .20894 .24765 .28977 .33484 .38229 .43141 .48147 .53165 .58117 .62927 .67527	• 07909 • 10022 • 12514 • 15401 • 18689 • 22368 • 26416 • 30794 • 35450 • 40319 • 45327 • 50394 • 55438 • 60378 • 65141	.06876 .08803 .11100 .13791 .16887 .20388 .24277 .28523 .33080 .37888 .42876 .47963 .53067 .58104	.06053 .07821 .07829 .12466 .15390 .18725 .22463 .26579 .31033 .35770 .40721 .45808 .50949 .56056 .61047	.05385 .07015 .08996 .11358 .14126 .17309 .20904 .24895 .29244 .33904 .38808 .43881 .49040 .54198 .59269	.04 .06 .08 .10 .13 .16 .19 .23 .27 .32 .37 .42 .57
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 0.00 0.20 0.30 0.40 0.50	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .881594 .84134 .86433 .88493 .90320 .91924	•31549 •35636 •39887 •44255 •53123 •57515 •61807 •65950 •69902 •73625 •7701 •80280 •831788 •885781	.22324 .26020 .29999 .34223 .38643 .43205 .47847 .52508 .57122 .61629 .65972 .70102 .73978 .77567 .80847	• 16917 • 20193 • 23812 • 27750 • 31971 • 36428 • 41063 • 45814 • 505387 • 60071 • 64600 • 68919 • 76743 • 80185	•13419 •16325 •19603 •23241 •27216 •31491 •36017 •40734 •45575 •50468 •55339 •60115 •64729 •63223 •77055	• 10998 • 13592 • 16569 • 19928 • 23657 • 27730 • 32105 • 36730 • 41542 • 46470 • 51436 • 56364 • 661179 • 65813 • 70205 • 74305	.09238 .11570 .14287 .17396 .20894 .24765 .28977 .33484 .38229 .43141 .48147 .53165 .58117 .62927 .67527	.07909 .10022 .125401 .15401 .18689 .226416 .30794 .35450 .40319 .45327 .50348 .55438 .60378 .65141	.06876 .08803 .11100 .13791 .16887 .20388 .24277 .28523 .33080 .37888 .42876 .47963 .53067 .58104 .62994	.06053 .07821 .07992 .12466 .15390 .18725 .22463 .26579 .31033 .35770 .40721 .45808 .50949 .56056 .61047	.05385 .07015 .08996 .11358 .14126 .17309 .20904 .24895 .29244 .33904 .38808 .43808 .44040 .54198 .59269	.04 .06 .08 .10 .13 .16 .19 .23 .27 .32 .37 .42 .57
1.000 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 1.90 1.90 1.90 1.90 1.90 1.90 1.9	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .89320 .91924 .93319	•31549 •35636 •39887 •44255 •48685 •53123 •57515 •61907 •65950 •77091 •80280 •83178 •85781 •885781	.22324 .26020 .29999 .34223 .38643 .47847 .52508 .57122 .61629 .65972 .70102 .73978 .77567 .80847 .83807	•16917 •20193 •23812 •27750 •31971 •36428 •41063 •45814 •50612 •55387 •60071 •64600 •68919 •72979 •76743 •80185 •83290	•13419 •16325 •19603 •23241 •27216 •31491 •40734 •45575 •50468 •55339 •60115 •64729 •69122 •73243 •77055 •80529	• 10998 • 13592 • 16569 • 19928 • 23657 • 27730 • 36730 • 41542 • 46470 • 51436 • 56364 • 61179 • 65813 • 70205 • 74305 • 78078	.09238 .11570 .114287 .17396 .20894 .24765 .28977 .33484 .38229 .43141 .48147 .53165 .58117 .62927 .67527	• 07909 • 10022 • 12514 • 15401 • 18689 • 22368 • 26416 • 30794 • 33450 • 40319 • 45327 • 55438 • 60378 • 665141 • 69660 • 73881	.06876 .08803 .11100 .13791 .16887 .20388 .24277 .28523 .33080 .42876 .47963 .53067 .58104 .62994 .67666	.06053 .07821 .09949 .12466 .15390 .18725 .22463 .26579 .31033 .35770 .40721 .45808 .50949 .56056 .61047	.05385 .07015 .08996 .11358 .14126 .17309 .20904 .24895 .29244 .33904 .33908 .43881 .49040 .54198 .59269	.04 .06 .08 .10 .13 .16 .19 .27 .32 .37 .42 .47 .52 .57
0.00 110 100 100 100 100 100 100	.50000 .53983 .57926 .617921 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .88493 .90320 .91924 .93319 .94520 .95543	•31549 •35636 •39887 •44255 •48685 •53123 •57516 •61807 •65950 •69902 •73625 •77091 •80280 •83178 •85781 •86993 •90121 •91881	• 22324 • 26020 • 29999 • 34223 • 38643 • 43205 • 57122 • 61629 • 65972 • 70102 • 73978 • 77567 • 80847 • 88807 • 88445	•16917 •20193 •23812 •27750 •31971 •36428 •41063 •45814 •50612 •55387 •60071 •64600 •68919 •72979 •76743 •80185 •83290 •86053	• 13419 • 16325 • 19603 • 23241 • 27216 • 31491 • 40734 • 45575 • 50468 • 55339 • 60115 • 64729 • 69122 • 73243 • 77055 • 805529 • 83652	• 10998 • 13592 • 16569 • 19928 • 23657 • 27730 • 32105 • 36730 • 41542 • 46470 • 51436 • 56364 • 61179 • 65813 • 70205 • 78078 • 81498	.09238 .11570 .14287 .17396 .20894 .24765 .28977 .33484 .48147 .53165 .58117 .62927 .71859 .75876	.07909 .10022 .12514 .15401 .18689 .22368 .26416 .35450 .40319 .45327 .50394 .55438 .66378 .65141 .69660	.06876 .08803 .11100 .13791 .16887 .20388 .24277 .28523 .33080 .37888 .42876 .47963 .53067 .58104 .62994 .67666 .72058	.06053 .07821 .07821 .12466 .15390 .18725 .22463 .26579 .31033 .35770 .40721 .45808 .50949 .56056 .61047 .65845 .70383 .74607	.05385 .07015 .08996 .11358 .14126 .17309 .20944 .33904 .38808 .43881 .49040 .54198 .59269 .64171 .68833 .73195	.04 .06 .10 .13 .16 .19 .23 .27 .32 .37 .42 .57 .62
0.00 0.10 0.20 0.30 0.40 0.50 0.70 0.90 0.10 0.20 0.30 0.40 0.50 0.40 0.50 0.60 0.70 0.60 0.70 0.60 0.70 0.60 0.70 0.7	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .881594 .84134 .864433 .88493 .90320 .91924 .93319 .94524 .95543	•31549 •35636 •39887 •44255 •53123 •57515 •61807 •65950 •69902 •73625 •7701 •80280 •83178 •85781 •88093 •90121 •91881	.22324 .26020 .29999 .34223 .38643 .43205 .47847 .52508 .57122 .61629 .65972 .70102 .73978 .77567 .80847 .888765 .88445	• 16917 • 20193 • 23812 • 27750 • 31971 • 36428 • 41063 • 45814 • 555387 • 60071 • 648919 • 72979 • 76743 • 80185 • 83290 • 86053	• 13419 • 16325 • 196325 • 23241 • 27216 • 31491 • 36617 • 40734 • 45575 • 55468 • 55339 • 60115 • 64729 • 69122 • 7325 • 836529 • 836529	• 10998 • 13592 • 165599 • 19928 • 23657 • 27730 • 32105 • 36730 • 41542 • 46470 • 51436 • 56364 • 661179 • 65813 • 70205 • 74305 • 78078 • 81498	.09238 .11570 .14287 .17396 .20894 .24765 .28977 .33484 .38229 .43141 .48147 .53165 .58117 .62927 .775876 .775876 .79547	.07909 .10022 .12514 .15401 .18689 .22368 .26416 .35450 .40319 .45327 .50394 .55438 .66378 .65141 .69660	.06876 .08803 .11100 .13791 .16887 .20388 .24277 .28523 .33080 .47876 .47963 .53067 .58104 .62994 .67666 .76124 .79829	.06053 .07821 .079821 .12466 .15390 .18725 .22463 .26579 .31033 .35770 .40721 .45808 .50949 .56056 .61047 .65845 .74607	.05385 .07015 .08996 .11358 .14126 .17309 .20904 .24895 .29244 .33904 .33808 .43881 .49040 .54198 .59269 .64171 .68833 .73195 .77212	.04 .06 .08 .10 .13 .16 .19 .23 .32 .37 .47 .52 .67 .62
0.00 10 20 20 20 20 20 20 20 20 20 2	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .919194 .9319 .94520 .93543 .96407	• 31549 • 35636 • 39887 • 44255 • 48685 • 53123 • 57515 • 61907 • 65950 • 69902 • 73625 • 77091 • 80280 • 83178 • 85781 • 88093 • 90121 • 91881 • 91389 • 93390 • 94669	.22324 .26020 .29999 .34223 .38643 .47847 .52508 .57122 .61629 .65972 .70102 .73978 .77567 .80847 .83807 .86445 .88765	• 16917 • 20193 • 23812 • 27750 • 31971 • 36428 • 41063 • 45814 • 55387 • 60071 • 64600 • 68919 • 72979 • 76743 • 60185 • 83290 • 86053 • 89480 • 890583	• 13419 • 16325 • 19603 • 23241 • 27216 • 31491 • 40734 • 45575 • 50468 • 55339 • 60115 • 64729 • 69122 • 73243 • 77055 • 80529 • 83652 • 886420 • 88840	• 10998 • 13592 • 16569 • 19928 • 23657 • 27730 • 32105 • 36730 • 41542 • 46470 • 51436 • 56364 • 61179 • 65813 • 74305 • 74305 • 78078 • 81498 • 81498	.09238 .11570 .114287 .17396 .20894 .24765 .28977 .33484 .38229 .43141 .48147 .53165 .58117 .62927 .67527 .71859 .75876 .79547 .82850 .85780	.07909 .10022 .125401 .155401 .18689 .26416 .30794 .355450 .40319 .45327 .50394 .553438 .60378 .65141 .77764 .81281	.06876 .08803 .11100 .13791 .16887 .20388 .24277 .28523 .33080 .47963 .53067 .58104 .62994 .676666 .72058 .76124 .7963	.06053 .07821 .07949 .12466 .15390 .18725 .22463 .26579 .31033 .35770 .40721 .45808 .50949 .56056 .61047 .74607 .74607 .74607 .85066	.05385 .07015 .08996 .11358 .14126 .17309 .20904 .24895 .29244 .33904 .38808 .49040 .54198 .59269 .64171 .68833 .73195 .77212 .80851 .84098	.044 .066 .08 .100 .131 .323 .37 .422 .57 .626 .67 .71 .766 .79
0.00 0.10 0.20 0.30 0.50 0.50 0.60 0.70 0.80 0.90 0.40 0.40 0.50 0.60 0.70 0.60 0.70 0.60 0.70 0.60 0.70	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .881594 .84134 .864433 .88493 .90320 .91924 .93319 .94524 .95543	•31549 •35636 •39887 •44255 •48685 •53123 •575123 •61807 •65950 •69902 •73625 •77091 •80280 •83178 •85781 •88093 •90121 •91881 •9189	. 22324 . 26020 . 29999 . 34223 . 38643 . 43205 . 47847 . 52508 . 57122 . 61629 . 65972 . 70102 . 73978 . 77567 . 80847 . 83807 . 888765 . 88765 . 90781 . 93977	• 16917 • 20193 • 23812 • 27750 • 31971 • 36428 • 41063 • 45814 • 55387 • 60071 • 64600 • 68919 • 72979 • 76743 • 60185 • 83290 • 86053 • 89480 • 890583	•13419 •16325 •19603 •23241 •27216 •31491 •36017 •40734 •45575 •50468 •55339 •60115 •64729 •69122 •73243 •77055 •80529 •83652 •8420 •88840	. 10998 . 13592 . 19928 . 23657 . 27105 . 36730 . 41542 . 46470 . 51436 . 56364 . 61179 . 65813 . 70205 . 74305 . 74305 . 74305 . 84554 . 87247 . 89585	.09238 .11570 .14287 .17396 .20894 .24765 .28977 .33484 .38229 .43141 .48147 .53165 .558117 .62927 .67527 .71859 .75876 .79547 .82850 .88341 .90548	.07909 .10022 .125401 .15401 .18689 .26416 .30794 .45327 .503450 .40319 .45327 .503450 .40319 .45346 .77764 .65141 .77764 .81281 .84420 .87180	.06876 .08803 .11100 .13791 .16887 .20388 .24277 .28523 .33080 .47876 .47963 .53067 .58104 .62994 .62994 .62994 .62994 .62994 .62994 .62994 .63994 .6	.06053 .07821 .079821 .12466 .15390 .18725 .22463 .26579 .31033 .35770 .40721 .45808 .50949 .56056 .61047 .65845 .74607 .748476 .81967 .85066	.05385 .07015 .0890 .11358 .14126 .17304 .24895 .29244 .33808 .43881 .49040 .54198 .59269 .77212 .80851 .80851	.04 .06 .08 .10 .13 .23 .27 .32 .47 .52 .67 .71 .76 .79 .83
0.00 0.10 0.20 0.30 0.40 0.50 0.70 0.80 0.70 0.80 0.90 0.90 0.10 0.20 0.30 0.40 0.20 0.30 0.40 0.40 0.50 0.40 0.50 0.60 0.70 0.80 0.80 0.80 0.80 0.80 0.80 0.8	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .881594 .884134 .864433 .90320 .91924 .93319 .945543 .96407 .97128	• 31549 • 35636 • 3986 • 44255 • 48685 • 53123 • 57515 • 61807 • 65950 • 69902 • 73625 • 7701 • 80280 • 83178 • 85781 • 93390 • 9121 • 91881 • 93390 • 94669 • 95742 • 96631	.22324 .26020 .29999 .34223 .38643 .47847 .52508 .57122 .61629 .65972 .70102 .73978 .77567 .80847 .83807 .86445 .88765 .90781 .93977 .95205	• 16917 • 20193 • 23812 • 27750 • 31971 • 36428 • 41063 • 45814 • 50612 • 555387 • 60071 • 646073 • 68919 • 726743 • 80185 • 83290 • 86053 • 88480 • 90583 • 92383 • 93903	•13419 •16325 •19603 •23241 •27216 •31491 •36017 •40734 •45575 •50468 •55339 •60115 •64729 •69122 •73243 •77055 •80529 •83652 •8420 •88840	• 10998 • 13592 • 16569 • 19928 • 23657 • 27730 • 36730 • 41542 • 46470 • 51436 • 56364 • 61179 • 65813 • 74305 • 74305 • 78078 • 81498 • 84554 • 89585 • 91589 • 93282	.09238 .11570 .114287 .17396 .20894 .24767 .33484 .38229 .43141 .48147 .53165 .58117 .62927 .67527 .71859 .75876 .79547 .82850 .88341 .90548	.07909 .10022 .12514 .15401 .18689 .22368 .26416 .30794 .35450 .40327 .50394 .65141 .69660 .73881 .77764 .81281 .84420 .87180	.06876 .08803 .11100 .13791 .16887 .20388 .24277 .28523 .33080 .42876 .47963 .53067 .58104 .62994 .67666 .72058 .76124 .79633 .86091 .886499	.06053 .07821 .09949 .12466 .15390 .18725 .22463 .26579 .31033 .35770 .40721 .45808 .50949 .56056 .61047 .65845 .70383 .74607 .78476 .81967 .81967	.05385 .07015 .0806 .11358 .14126 .17309 .20904 .24895 .29244 .33904 .33808 .43881 .49040 .54198 .59269 .64171 .68833 .73195 .7806	.04 .06 .08 .10 .13 .16 .19 .23 .27 .32 .47 .52 .57 .62 .67 .71 .71 .71 .72 .83 .84 .88
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.90 0.90 0.90 0.90 0.90 0.90 0.9	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .881594 .884134 .86433 .90320 .91320 .91320 .92543 .94520 .95543 .96407 .97725 .98214	• 31549 • 35636 • 39887 • 44255 • 48685 • 53123 • 57515 • 61907 • 65950 • 73625 • 77091 • 80280 • 83178 • 85781 • 88093 • 90121 • 91881 • 93390 • 94669 • 95742 • 96631 • 97360	. 22324 . 26020 . 29999 . 34223 . 38643 . 43205 . 47847 . 52508 . 57122 . 61629 . 67972 . 77962 . 73978 . 77567 . 83807 . 888765 . 88765 . 90781 . 93977 . 95205 . 96221 . 97051	• 16917 • 20193 • 23812 • 27750 • 31971 • 36428 • 41063 • 45814 • 55387 • 60071 • 64600 • 68919 • 72979 • 76743 • 80185 • 83290 • 86053 • 88480 • 90583 • 92383 • 93903 • 95170 • 96214	•13419 •16325 •19603 •23241 •27216 •31491 •36017 •40734 •45575 •50468 •55339 •60115 •64729 •69122 •73243 •77055 •80529 •83652 •86420 •88840 •90927 •92703 •94194	.10998 .13592 .16569 .19928 .23657 .27730 .32105 .36730 .41542 .46470 .51436 .56364 .61179 .65813 .70205 .74305 .74405 .7	.09238 .11570 .14287 .17396 .20894 .24765 .28977 .33484 .48147 .53165 .58117 .62927 .775876 .79547 .82850 .88341 .90548 .92423	.07909 .10022 .12514 .15401 .18689 .22368 .26416 .35450 .40319 .45327 .50394 .55394 .55394 .55458 .665141 .77764 .81281 .8420 .87180 .89571 .91613	.06876 .08803 .11100 .13791 .16887 .20388 .24277 .28523 .33080 .37888 .42876 .47963 .53067 .58104 .62994 .67666 .76124 .79829 .83153 .86091 .88649 .92700	.06053 .07821 .07949 .12466 .15390 .18725 .22463 .26579 .31033 .35770 .40721 .45808 .50949 .56056 .61047 .74607 .74607 .74607 .85066 .81777 .85066 .87777 .90113	.05385 .07015 .08996 .11358 .14126 .17309 .20904 .29244 .33904 .38808 .49040 .54198 .59269 .64171 .68833 .73195 .77212 .80851 .84098 .84949	.04 .06 .08 .10 .13 .19 .23 .37 .32 .37 .42 .67 .71 .71 .71 .71 .71 .71 .71 .71 .71 .7
0.00 0.10 0.20 0.40 0.50 0.70 0.80 0.70 0.80 0.70 0.80 0.70 0.80 0.70 0.80 0.70 0.80 0.90 0.90 0.90 0.90 0.90 0.90 0.9	.50000 .53983 .57926 .61791 .65542 .69146 .7257 .75804 .78814 .881594 .884134 .86433 .90320 .91320 .91520 .95543 .96407 .97128 .977128 .977128 .978214 .989214 .989218	• 31549 • 35636 • 3983 • 44255 • 48685 • 53123 • 57515 • 61807 • 65950 • 69902 • 73625 • 7701 • 885781 • 98121 • 91881 • 93390 • 94669 • 975742 • 96631 • 97360 • 97951 • 98425	.22324 .26020 .2999.34223 .38643 .47847 .52508 .57122 .61629 .65972 .70102 .73978 .77567 .83807 .86445 .88765 .90781 .92511 .93977 .95205	• 16917 • 20193 • 23812 • 27750 • 31971 • 36428 • 41063 • 45814 • 555387 • 60071 • 660071 • 648919 • 72979 • 7679 • 7683 • 83290 • 80185 • 83290 • 8053 • 83480 • 90583 • 92383 • 93903 • 95170 • 96214 • 97063	• 13419 • 16325 • 196327 • 23241 • 27216 • 31491 • 36617 • 40734 • 45575 • 55339 • 60115 • 64729 • 69122 • 73243 • 77055 • 80529 • 836529 • 886420 • 88840 • 9927 • 92703 • 94194 • 95431 • 96442	• 10 998 • 13592 • 19928 • 23657 • 27730 • 32105 • 36730 • 41542 • 46470 • 51436 • 56364 • 65813 • 70205 • 74305 • 74305 • 78078 • 84554 • 81498 • 84554 • 91585 • 91589 • 93282 • 94693	.09238 .11570 .14287 .17396 .20894 .24765 .28977 .33484 .38229 .43141 .48147 .53165 .58117 .62927 .67527 .71859 .75876 .79547 .82850 .88341 .90548 .90548 .93295	.07909 .10022 .125401 .15401 .18689 .22368 .26416 .30794 .355436 .60378 .65141 .69660 .73881 .77764 .81281 .84420 .87180 .89571 .91613 .93332	.06876 .08803 .111100 .13791 .16887 .20388 .24277 .28523 .33080 .37888 .42876 .47963 .53067 .58104 .629944 .62994 .62994 .62994 .62994 .62994 .62994 .62994 .62994 .629944 .62994 .62994 .62994 .62994 .62994 .62994 .62994 .62994 .629944 .62994 .62994 .62994 .62994 .62994 .62994 .62994 .62994 .6294	.06053 .07821 .07821 .12466 .15390 .18725 .22463 .26579 .31033 .35770 .40721 .45808 .50949 .56056 .61047 .7383 .74607 .78476 .81967 .81967 .93756	.05385 .07015 .0890 .11358 .14126 .17309 .20904 .24895 .29244 .33808 .43881 .49040 .54198 .59269 .77212 .80851 .84098 .86949 .89416	.04 .06 .08 .10 .13 .16 .19 .23 .27 .42 .47 .52 .67 .71 .76 .79 .83 .86 .90
0.00 10 10 10 10 10 10 10 10 10	.50000 .53983 .5796 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .93543 .96407 .97128 .97725 .98214 .98610 .98928 .99180	• 31549 • 35636 • 39887 • 44255 • 48685 • 53123 • 61807 • 65950 • 67992 • 73625 • 77091 • 80280 • 83178 • 85781 • 91881 • 91881 • 93390 • 94669 • 975742 • 96631 • 97360 • 97951 • 98801	.22324 .26020 .29999 .34223 .38643 .47847 .52508 .57122 .61629 .65972 .70102 .73978 .77567 .80847 .83807 .86445 .88765 .90711 .939777 .95205 .96221 .97072 .97072	• 16917 • 20193 • 23812 • 27750 • 31971 • 36428 • 41063 • 45814 • 555387 • 60071 • 64600 • 68919 • 72979 • 76743 • 80185 • 83290 • 86053 • 90583 • 92383 • 93903 • 95170 • 96214 • 97063 • 97746	• 13419 • 16325 • 19603 • 23241 • 27216 • 31491 • 36017 • 40734 • 45575 • 55339 • 60115 • 64729 • 69122 • 73243 • 77055 • 80529 • 83652 • 88840 • 92703 • 9273 • 9273 • 94194 • 95431 • 96426	• 10998 • 13592 • 16569 • 19928 • 23657 • 27730 • 32105 • 36730 • 41542 • 46470 • 51436 • 56364 • 61179 • 65813 • 74305 • 74305 • 74305 • 74305 • 78078 • 81498 • 847247 • 89585 • 91282 • 94693 • 95853 • 96796	.09238 .11570 .114287 .17396 .20894 .24967 .33484 .38229 .43141 .48147 .53165 .58117 .62927 .67527 .71859 .75876 .79547 .82850 .88341 .90548 .92423 .93995 .95293	.07909 .10022 .12514 .15401 .18689 .22368 .26416 .30794 .35450 .45327 .55438 .60378 .65141 .69660 .73881 .77764 .81281 .84420 .87180 .89571 .91613 .94752 .94752 .94752	.06876 .08803 .11100 .13791 .16887 .20388 .24277 .28523 .33080 .47888 .42876 .47963 .576124 .79629 .79626	.06053 .07821 .07821 .19466 .15390 .18725 .22463 .26579 .31033 .35770 .40721 .45808 .50949 .56056 .61047 .65845 .70383 .74607 .78476 .81967 .87777 .90113 .93756 .93756	.05385 .07015 .08996 .11358 .14126 .17309 .20904 .24895 .29244 .33904 .33808 .43881 .49040 .54198 .59269 .64171 .68833 .73195 .77125 .80851 .84098 .84098 .89416 .91519 .93284	.04 .06 .08 .10 .13 .16 .19 .23 .27 .42 .47 .52 .57 .62 .67 .71 .76 .88 .92 .92 .92
0.00 0.10 0.20 0.30 0.50 0.60 0.70 0.80 0.90 0.10 0.40 0.40 0.40 0.70 0.80 0.90 0.90 0.90 0.90 0.90 0.90 0.9	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .881594 .884134 .864433 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .98214 .98610 .98928 .99379 .99534	•31549 •35636 •39887 •44255 •53123 •57515 •61807 •65950 •69902 •73625 •73625 •85781 •88093 •90121 •91881 •93390 •94669 •95742 •96631 •97360 •97951 •98425 •98425	. 22324 . 26020 . 29999 . 34223 . 38643 . 47847 . 52508 . 57122 . 61629 . 67972 . 7797 . 77567 . 83807 . 83807 . 888765 . 90781 . 93977 . 95205 . 97722 . 9722 . 9722 . 98258	.16917 .20193 .23812 .27750 .31971 .36428 .41063 .45814 .50612 .55387 .60071 .64600 .68919 .76743 .80185 .83290 .86053 .88480 .90583 .93903 .93170 .94214 .97063 .97746	•13419 •16325 •19603 •23241 •27216 •31491 •36017 •40534 •5553 •50468 •55339 •60115 •64729 •69122 •73243 •77055 •80529 •83652 •86420 •88840 •9927 •92703 •94134 •97431 •974259 •97911	.10998 .13592 .16569 .19928 .23657 .27730 .32105 .36730 .41542 .46470 .51436 .56364 .61179 .65813 .70205 .74305 .74305 .78078 .84554 .87247 .89585 .91589 .9385 .94693 .96756	.09238 .11570 .14287 .17396 .20894 .24765 .28977 .33484 .38229 .43141 .48147 .53165 .58117 .62927 .775876 .79547 .82850 .88341 .90548 .92423 .93995 .96352	.07909 .10022 .12514 .15401 .18689 .22368 .26416 .30794 .45327 .50394 .553450 .60378 .65141 .69660 .73881 .77764 .81281 .87180 .87180 .89571 .91613 .93332 .94759 .95871	.06876 .08803 .11100 .13791 .16887 .20388 .24277 .2833080 .37888 .42876 .47963 .53067 .58104 .62994 .67666 .76124 .79829 .86193 .86691 .88649 .92700 .94247 .95518	.06053 .07821 .079421 .12466 .15390 .18725 .22463 .26579 .31033 .35770 .40721 .45808 .50949 .56056 .61047 .74607 .74607 .74607 .85066 .81967 .90113 .92097	.05385 .07015 .08996 .11358 .14126 .17309 .20904 .24895 .24244 .33904 .38808 .49040 .54198 .59269 .64171 .68833 .73195 .77212 .80851 .84949 .89416 .91519 .93284 .94744	.04 .06 .08 .10 .13 .13 .23 .37 .42 .47 .52 .67 .71 .76 .88 .88 .89 .92 .94 .92
0.00 0.10 0.20 0.30 0.40 0.50 0.70 0.80 0.90 0.90 0.90 0.90 0.90 0.90 0.9	.50000 .53983 .57983 .57986 .61791 .65542 .69146 .72575 .75804 .78814 .881594 .884134 .88493 .90320 .91320 .91543 .94520 .95543 .94520 .97128 .97128 .97128 .97128 .97128 .99180 .99379 .99534	• 31549 • 35636 • 39836 • 48685 • 53123 • 57515 • 61807 • 65950 • 69902 • 73625 • 7701 • 80280 • 83178 • 88093 • 90121 • 91881 • 93390 • 94669 • 975742 • 96631 • 97951 • 98801 • 99096	.22324 .26020 .29999 .34223 .38643 .47847 .52508 .57122 .61629 .65972 .70102 .73978 .77567 .80847 .86445 .90781 .92511 .93977 .95205 .96211 .97722 .98258 .99258	• 16917 • 20193 • 23812 • 27750 • 31971 • 36408 • 41063 • 45814 • 555387 • 60071 • 660071 • 64007 • 72979 • 7679 • 7683 • 90583 • 92383 • 93903 • 95170 • 96214 • 97063 • 98287 • 98287	• 13419 • 16325 • 196325 • 23241 • 27216 • 31491 • 36017 • 40535 • 55339 • 60115 • 64729 • 69122 • 73243 • 77055 • 80529 • 886420 • 88840 • 9927 • 92703 • 9442 • 97259 • 97259 • 97259	• 10998 • 13592 • 16959 • 19928 • 23657 • 27730 • 32105 • 36730 • 41542 • 51436 • 56364 • 65813 • 70205 • 74305 • 7430	.09238 .11570 .14287 .17396 .20894 .24765 .28977 .33484 .38229 .43141 .48147 .53165 .58117 .62927 .67527 .775876 .79547 .82850 .885780 .88341 .90548 .93995 .93995 .95293 .96352 .97294 .97881	.07909 .10022 .12514 .155401 .18689 .226416 .30794 .35450 .40319 .45327 .503436 .60378 .65141 .69660 .73881 .77764 .81281 .84420 .87180 .89571 .91613 .94759 .94759	.06876 .08803 .111100 .13791 .16887 .20388 .28523 .33080 .37888 .42876 .47863 .53067 .58104 .62994 .62994 .67965 .76124 .79829 .83153 .86091 .88649 .97372	.06053 .07821 .079821 .12466 .15390 .18725 .22463 .26579 .31033 .35770 .40721 .45808 .50949 .56056 .61047 .65845 .74607 .7883 .74607 .7887 .7896 .87777 .99113 .92097 .93756	.05385 .07015 .0890 .11358 .14126 .17309 .20904 .24895 .29244 .33904 .38808 .43881 .49040 .54198 .59269 .77212 .80851 .84098 .86949 .89416 .91519 .93284 .95935 .96893	.04 .06 .08 .10 .13 .16 .19 .23 .27 .42 .47 .52 .67 .76 .76 .79 .83 .86 .90 .92 .94 .92 .94
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 0.90 0.90 0.90 0.90 0.90 0.9	.50000 .53983 .5796 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .93543 .96407 .97128 .97725 .985407 .97128 .97725 .985407 .97128 .97725 .985407 .97128 .97725 .985407 .97128 .97725 .985407 .97128 .97725 .985407 .97128 .97725 .985407 .995543 .99653	•31549 •35636 •3983 •48685 •53123 •5755 •61807 •65950 •73625 •77091 •80280 •83178 •85781 •88093 •90121 •91881 •93390 •95742 •96631 •97360 •979425 •98801 •98801 •99325	.22324 .26020 .2999.34223 .38643 .43205 .47847 .52508 .57122 .61629 .65972 .70102 .73978 .77567 .83807 .86445 .88765 .90781 .92511 .93977 .95205 .96221 .97051 .97051 .97051 .97051 .97051 .97051 .97051 .97051 .97051 .97051	• 16917 • 20193 • 23812 • 27750 • 31971 • 36428 • 45814 • 555387 • 60071 • 64600 • 68919 • 72979 • 76743 • 80185 • 83290 • 86053 • 90583 • 92383 • 93170 • 96214 • 97063 • 97746 • 982871 • 98712 • 99042	• 13419 • 16325 • 19603 • 23241 • 27216 • 31491 • 36017 • 40734 • 45575 • 55339 • 60115 • 64729 • 69122 • 73243 • 77055 • 80529 • 83652 • 888840 • 92703 • 92703 • 94194 • 97259 • 97811 • 98425 • 98825	• 10 998 • 13 592 • 16 569 • 19 928 • 23 657 • 27 730 • 32 105 • 36 730 • 4 15 42 • 4 64 70 • 51 43 6 • 51 43 6 • 51 47 • 65 81 3 • 74 305 • 74 305 • 74 305 • 78 97 8 • 81 498 • 81 498 • 81 498 • 93 282 • 94 693 • 95 75 51 • 96 796 • 97 55 1 • 98 61 56	.09238 .11570 .11520 .117396 .20894 .24767 .33484 .38229 .43141 .48147 .53165 .58117 .62927 .67527 .71859 .75876 .97547 .82850 .88341 .90548 .92423 .93995 .95293 .96352 .97204 .97804	.07909 .10022 .12514 .15401 .18689 .22368 .26416 .30794 .35450 .45327 .55394 .65141 .69660 .73881 .77764 .81281 .84420 .87180 .89571 .91613 .94759 .95927 .95927	.06876 .08803 .11100 .13791 .16887 .20388 .24277 .28523 .33080 .37888 .42876 .4793 .53067 .58104 .62994 .676666 .72058 .76124 .79628 .786091 .886091 .886091 .92700 .92518 .94548 .97372	.06053 .07821 .07821 .12466 .15390 .18725 .22463 .26579 .31033 .35770 .40721 .45808 .50949 .56056 .61047 .65845 .70383 .74607 .78476 .87777 .90113 .93756 .93756 .93757 .937124	.05385 .07015 .08996 .11358 .14126 .17309 .29904 .24895 .29244 .33904 .33808 .49040 .54198 .59269 .64171 .68833 .73195 .77195 .78051 .86949 .86949 .94744 .95935 .96893	.04 .06 .08 .10 .13 .16 .19 .23 .27 .32 .47 .52 .57 .71 .76 .79 .83 .84 .88 .92 .92 .92 .92 .92 .92 .93
0.00 0.10 0.20 0.30 0.50 0.50 0.60 0.70 0.80 0.90 1.00 1.00 1.00 1.00 1.00 1.00 1.0	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .881594 .884134 .864433 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .98610 .98928 .99180 .99534 .99534 .99534	.31549 .35636 .39887 .44255 .53123 .57515 .61807 .65950 .69902 .73625 .73625 .83178 .80280 .83178 .80280 .83178 .90121 .91881 .93390 .94669 .95742 .96631 .97360 .977951 .98425 .98425 .989096	. 22324 . 26020 . 29999 . 34223 . 38643 . 47847 . 52508 . 57122 . 61629 . 67572 . 77567 . 808445 . 88765 . 90781 . 92511 . 93917 . 95205 . 97722 . 98258 . 99012 . 99012 . 99012	.16917 .20193 .23812 .27750 .31971 .36428 .41063 .45814 .55387 .60071 .646071 .646073 .80185 .83290 .86053 .88480 .90583 .92383 .93903 .95170 .96214 .97063 .987746 .98297	•13419 •16325 •19603 •23241 •27216 •31491 •36017 •40734 •45575 •50468 •55339 •60115 •64729 •69122 •73243 •77055 •80529 •83652 •86420 •88840 •90927 •92703 •94131 •96442 •97259 •97259 •97911	.10998 .13592 .16569 .19928 .23657 .27730 .32105 .36730 .41542 .46470 .51436 .61179 .65813 .70205 .74305 .7	.09238 .11570 .14287 .17396 .20894 .24765 .28977 .33484 .48147 .53165 .58117 .62927 .775876 .79547 .82850 .88341 .90548 .92423 .93995 .95293 .96292 .97204	.07909 .10022 .12514 .15401 .18689 .22368 .26416 .30794 .45327 .50394 .553450 .65141 .69660 .73881 .77764 .81281 .87180 .891613 .93332 .94759 .953332 .94759 .96871	.06876 .08803 .11100 .13791 .16887 .20388 .24277 .2833080 .37888 .42876 .47963 .53067 .58104 .62994 .67666 .76124 .79829 .83153 .86091 .88699 .92700 .94247 .95518 .96548	.06053 .07821 .07921 .12466 .15390 .18725 .22463 .26579 .31033 .35770 .40721 .45808 .50949 .56056 .61047 .65845 .74607 .74607 .78476 .85066 .87777 .90113 .92097 .93756 .96237 .97129 .97835	.05385 .07015 .08996 .11358 .14126 .17309 .20904 .24895 .29244 .33904 .38808 .49040 .54198 .59269 .64171 .68833 .73195 .77212 .80851 .80951 .91519 .93284 .94744 .95935 .96893	.04 .06 .08 .10 .13 .13 .13 .23 .37 .42 .47 .52 .67 .71 .71 .71 .71 .71 .71 .71 .71 .71 .7
0.00 0.10 0.20 0.30 0.40 0.50 0.70 0.80 0.70 0.80 0.90 1.00 1.00 1.00 1.00 1.00 1.00 1.0	.50000 .53983 .57926 .61791 .65542 .69146 .67255 .75804 .78814 .881594 .884133 .90320 .91320 .91543 .94520 .95543 .96407 .97725 .98214 .98610 .98918 .99379 .99533 .99452 .99533 .9944 .99319 .99533 .9944 .99534 .99534 .99534 .99534 .99534 .99534 .99534 .99653	• 31549 • 35636 • 39836 • 44865 • 53123 • 57515 • 61807 • 65950 • 69902 • 73625 • 7701 • 80280 • 83178 • 88093 • 90121 • 91881 • 93390 • 94669 • 95742 • 96631 • 98801 • 99801 • 999501 • 999501 • 99634	.22324 .26020 .29999 .34223 .38643 .47847 .52508 .57122 .61629 .65972 .70102 .73978 .77567 .80847 .86445 .90781 .93977 .95205 .90781 .97722 .98258 .99258 .99267 .99267	• 16917 • 20193 • 23812 • 27750 • 31971 • 34428 • 345814 • 555387 • 60071 • 646071 • 648919 • 72979 • 76743 • 83290 • 803290 • 803290 • 803290 • 80428 • 90583 • 93903 • 95170 • 96214 • 97746 • 98287 • 98287 • 99042 • 992485 • 992485	• 13419 • 16325 • 196325 • 23241 • 27216 • 31491 • 36017 • 40535 • 55339 • 60115 • 64729 • 69122 • 73243 • 77055 • 80529 • 886420 • 88840 • 9927 • 92703 • 9442 • 97259 • 97259 • 97825 • 98825 • 99132 • 99366	• 10 998 • 13592 • 16928 • 23657 • 27730 • 32105 • 36730 • 41542 • 41542 • 465813 • 70 205 • 780 78 • 81498 • 84554 • 87247 • 891589 • 94693 • 94693 • 94693 • 9765 • 98615 • 98615 • 99 250	.09238 .11570 .14287 .17396 .20894 .24765 .28977 .33484 .38229 .43141 .48147 .53165 .58117 .62927 .67527 .71859 .75876 .79547 .82850 .88341 .99548 .93293 .93293 .93293 .97294 .97881 .97881 .97881 .97881	.07909 .10022 .125401 .15401 .18689 .226416 .30794 .35450 .40319 .45327 .503450 .65141 .77764 .81281 .84420 .87188 .69460 .73881 .77764 .81281 .84420 .87180 .89711 .93332 .94759 .95871 .97623	.06876 .08803 .111100 .13791 .16887 .20388 .24277 .28523 .33080 .47876 .47863 .53067 .58104 .62994 .62994 .62998 .6124 .79829 .83153 .86091 .88649 .97372 .98518 .97372 .98528	.06053 .07821 .07821 .12466 .15390 .18725 .22463 .26579 .31033 .35770 .40721 .45808 .50949 .56056 .61047 .65845 .70383 .74607 .78476 .81967 .81967 .93135 .92097 .93756 .96237 .97129	.05385 .07015 .0890 .11358 .14126 .17309 .20904 .24895 .29244 .33904 .38808 .43881 .49040 .54198 .59264 .64171 .68833 .73195 .77212 .80851 .84094 .89416 .91519 .93284 .95935 .96893 .96893	.04 .06 .08 .10 .13 .16 .23 .27 .42 .47 .52 .57 .76 .76 .76 .79 .83 .88 .90 .92 .94 .92 .94 .92 .94 .95 .96 .96 .96 .96 .96 .96 .96 .96 .96 .96
0.00 0.10 0.20 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.90 2.00 2.10 2.10 2.20 2.30 2.40 2.50 2.40 2.50 2.40 2.50 2.60 2.70 2.80 2.80 2.80 2.80 2.80 2.80 2.80 2.8	.50000 .53983 .57963 .61791 .65542 .69146 .72575 .75804 .78814 .88134 .86433 .90320 .91924 .9319 .94520 .95543 .96407 .97128 .97725 .98610 .98928 .99194 .99379 .99593 .99633 .99744 .99813 .999813	•31549 •35636 •3983 •44255 •48685 •53123 •5755 •61807 •65950 •67992 •73625 •77091 •80280 •83178 •85781 •91881 •91881 •93390 •95742 •96631 •979469 •979469 •979469 •979469 •979469 •979469 •979469 •979469 •979469 •979469 •979469 •979469	.22324 .26020 .29923 .34223 .38643 .47847 .52508 .57122 .61629 .65972 .70102 .73978 .77567 .83807 .86445 .88765 .90781 .92511 .92511 .93977 .95205 .96221 .97052 .98258 .99012 .99267 .99461 .99461 .99461	• 16917 • 20193 • 23812 • 27750 • 31971 • 36428 • 41063 • 45814 • 550612 • 55387 • 60071 • 64600 • 68919 • 72979 • 76743 • 80185 • 83290 • 86053 • 89383 • 935170 • 96214 • 979629 • 99485 • 99485 • 99485 • 99629	• 13419 • 16325 • 19603 • 23241 • 27216 • 31491 • 36017 • 40734 • 45575 • 55339 • 60115 • 64729 • 69122 • 73243 • 77055 • 80529 • 83652 • 88884 • 99273 • 994194 • 994194 • 97259 • 97811 • 98825 • 998825 • 99842 • 99362	• 10 998 • 13592 • 16569 • 19928 • 23657 • 27730 • 32105 • 36 730 • 41542 • 46470 • 51436 • 56364 • 61179 • 65813 • 70 205 • 74 305 • 74 305 • 74 305 • 74 305 • 91 589 • 93 282 • 94 693 • 96 796 • 97 551 • 98 615 • 99 250 • 99 250 • 99 250	.09238 .11570 .11570 .117396 .20894 .228977 .33484 .38229 .43141 .48147 .53165 .58117 .62927 .67527 .71859 .75876 .79547 .82850 .88341 .90548 .92423 .93995 .95293 .96352 .97204 .97881 .998411 .99841 .99822 .99136	.07909 .10022 .12514 .15401 .18689 .22368 .26416 .30794 .35450 .45327 .55394 .65141 .69660 .73881 .77764 .81281 .84420 .87180 .89571 .91613 .93332 .94759 .95927 .96871 .99673	.06876 .08803 .11100 .13791 .16887 .20388 .24277 .28523 .33080 .42876 .4793 .53067 .58104 .62994 .67666 .72058 .76124 .79628 .78153 .866091 .886991 .9424 .97372 .98518 .98518 .98518 .98518 .98528 .98916	.06053 .07821 .07949 .12466 .15390 .18725 .22463 .26579 .31033 .35770 .40721 .45808 .50949 .56056 .61047 .70383 .74607 .78476 .8777 .90113 .992097 .93756 .95124 .95237 .97129 .97835 .98386 .99133	.05385 .07015 .08996 .11358 .14126 .17309 .29944 .38808 .43881 .49040 .54198 .59269 .64171 .68833 .73195 .77195 .86949 .86949 .89416 .91519 .94744 .95935 .96893 .97653 .98247	.04 .06 .08 .10 .13 .13 .23 .37 .42 .37 .52 .67 .71 .76 .88 .88 .90 .92 .94 .95 .95 .95 .95 .95 .95 .95 .95 .95 .95
0.00 0.10 0.20 0.30 0.50 0.50 0.60 0.70 0.80 0.90 1.00 1.00 1.00 1.00 1.00 1.00 1.0	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .881594 .884134 .864433 .89493 .90320 .91524 .93319 .94520 .95543 .96407 .97128 .98214 .98610 .98928 .99180 .99534 .99653 .99653	•31549 •35636 •3987 •44255 •48685 •53123 •57515 •61907 •65950 •69902 •73625 •85781 •80280 •83178 •80121 •91881 •93390 •94669 •95742 •96631 •97360 •97951 •98901 •99501 •99501 •99503	. 22324 . 26020 . 29999 . 34223 . 38643 . 47847 . 52508 . 57122 . 61629 . 67572 . 70567 . 80845 . 90781 . 92511 . 93977 . 95205 . 96221 . 97722 . 98258 . 99012 . 99012 . 99016 . 99968 . 99968 . 99799	.16917 .20193 .231971 .36428 .41063 .45814 .55387 .60071 .6460071 .646073 .80185 .83290 .86053 .88480 .90583 .92383 .93903 .95170 .96214 .97063 .97746 .986214 .99042 .99485 .99485	•13419 •16325 •19603 •23241 •27216 •31491 •36017 •40734 •45575 •50468 •55339 •60115 •64729 •69122 •77253 •80529 •83652 •86420 •88840 •90927 •92703 •94194 •97259 •97259 •98425 •99464 •99366 •99366	.10998 .13592 .16592 .19928 .23657 .27730 .32105 .36730 .41542 .46470 .51436 .61179 .65813 .70205 .74305 .7	.09238 .11570 .14287 .17396 .20894 .24765 .28977 .33484 .38229 .43141 .48147 .53165 .58117 .62927 .71859 .75876 .79547 .82850 .85780 .85780 .85780 .93995 .97242 .93995 .97204 .97881 .98822 .97204 .97881 .98822 .99136 .99373	.07909 .10022 .125401 .18689 .22368 .26416 .30794 .35450 .40319 .45327 .50348 .65141 .69660 .73881 .77764 .81281 .84420 .87180 .89591 .91613 .93332 .94759 .95927 .96871 .97623	.06876 .08803 .11100 .13791 .16887 .20388 .24277 .2853 .33080 .37888 .42876 .47963 .53067 .58104 .62994 .67666 .76124 .79829 .83153 .86049 .9210 .9427 .98548 .97372 .98548 .97372 .98528 .98548	.06053 .07821 .07821 .12466 .15390 .18725 .22463 .26579 .31033 .35770 .45808 .50949 .56056 .61047 .65845 .70383 .74607 .78476 .87777 .9313 .92097 .93756 .96237 .97129 .97835 .98310 .99375	.05385 .07015 .0890 .11358 .14126 .17309 .20904 .24895 .29244 .33904 .38808 .43881 .49040 .54198 .59269 .59269 .77212 .80851 .84098 .86949 .891519 .93284 .94744 .95935 .96893 .97653 .98247 .98765 .990518	.044 .066 .088 .100 .133 .27 .233 .27 .42 .47 .52 .67 .71 .76 .79 .83 .88 .90 .92 .94 .95 .96 .97 .98 .98 .99 .98 .99 .98 .99 .99 .99 .99
0.00 0.10 0.20 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.90 2.00 2.10 2.10 2.20 2.30 2.40 2.50 2.40 2.50 2.40 2.50 2.60 2.70 2.80 2.80 2.80 2.80 2.80 2.80 2.80 2.8	.50000 .53983 .57963 .61791 .65542 .69146 .72575 .75804 .78814 .88134 .86433 .90320 .91924 .9319 .94520 .95543 .96407 .97128 .97725 .98610 .98928 .99194 .99379 .99593 .99633 .99744 .99813 .999813	• 31549 • 35636 • 398636 • 44865 • 53123 • 57515 • 61807 • 65950 • 69902 • 73625 • 7701 • 80280 • 83178 • 88093 • 90121 • 91881 • 93390 • 94669 • 95742 • 96631 • 99801 • 99959 • 999634 • 999634 • 999634 • 999634 • 99904	.22324 .26020 .29923 .38643 .47847 .52508 .57122 .61629 .65972 .70102 .73978 .77567 .83807 .86445 .90781 .92511 .93977 .95205 .90781 .97722 .98258 .98681 .99267 .99267 .99461 .99968	• 16917 • 20193 • 23812 • 27750 • 31971 • 341063 • 45814 • 50612 • 555387 • 60071 • 640071 • 64	• 13419 • 16325 • 196325 • 23241 • 27216 • 31491 • 36017 • 40734 • 45575 • 55339 • 60115 • 64729 • 69122 • 73243 • 77055 • 80529 • 886420 • 88840 • 9027 • 92703 • 9411 • 98425 • 98825 • 991366 • 99572 • 99572	• 10998 • 13592 • 19928 • 23657 • 27730 • 32105 • 36730 • 41542 • 51436 • 56143 • 70205 • 74305 • 7430	.09238 .11570 .14287 .17396 .20894 .24765 .28977 .33484 .38229 .43141 .48147 .53165 .58117 .62927 .71859 .7587 .79547 .82850 .85780 .85780 .85780 .92423 .93995 .95293 .96352 .97204 .97881 .98411 .98822 .99136 .99580 .99589 .99589 .99589 .99589 .99589 .99589 .99589 .99589 .99589 .99589 .99589 .99589 .99589 .99589 .99589 .99589 .99589 .99589 .99589 .99580 .99580 .99580	.07909 .10022 .12514 .15401 .18689 .22368 .26416 .30794 .35450 .45327 .55394 .65141 .67660 .73881 .77764 .81281 .84420 .87180 .89571 .91613 .93332 .94752 .95927 .96871 .97623 .98673 .996381 .996381 .996381 .996381 .996381	.06876 .08803 .11100 .13791 .16887 .20388 .24277 .28523 .33080 .37888 .42876 .4763 .53067 .58104 .62994 .67666 .72058 .76124 .7968 .76124 .79518 .88699 .983153 .88649 .992707 .99518 .99538 .99538 .99538 .99538 .99538	.06053 .07821 .07821 .12466 .15390 .18725 .22463 .26579 .31033 .35770 .40721 .45808 .50949 .56056 .61047 .65845 .70383 .74607 .78476 .87777 .8756 .87777 .99113 .992097 .99124 .97129	.05385 .07015 .08996 .11358 .14126 .17309 .29944 .38808 .43881 .49040 .54198 .59269 .64171 .68833 .73195 .77195 .86949 .84098 .86949 .94744 .95935 .96893 .97653 .98247 .99055	.57 .62 .67 .71 .76 .79 .83 .88 .90 .92 .94 .95 .98 .98 .98 .98 .98

 $Table\ iI$  Probability that N standard normal random variables with common correlation  $\rho$  are simultaneously less than or equal to H.

ρ = .500

N	1	2	3	4	5	6	7	8	9	10	11	12
-н												
3.50	.00023	.00001	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000
3.40	.00034	.00001	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000
3.30	.00048	-00002	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000
3.20	.00069	.00003	.00001	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000
3.10 3.00	.00097	.00005	.00001	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000
2.90	.00135	.00008	.00002	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000
2.80	.00256	.00020	.00004	.00001	.00001	.00000	.00000	.00000	.00000	.00000	.00000	.00000
2.70	.00347	.00030	.00007	.00002	.00001	.00001	.00000	.00000	.00000	.00000	.00000	.00000
2.60	.00466	.00045	.00011	.00004	.00002	.00001	.00001	.00000	.00000	.00000	.00000	.00000
2.50	-00621	.00067	.00017	.00006	.00003	.00002	.00001	.00001	.00000	.00000	.00000	.00000
2.40	.00820	.00098	.00027	.00011	.00005	.00003	-00002	.00001	.00001	.00001	.00000	.00000
2.30 2.20	.01072	.00143	.00041	.00017	.00009	.00005	.00003	.00002	.00001	.00001	.00001	.00001
2.10	-01786	.00289	.00093	.00041	.00014	.00013	.00005	.00004	.00004	.00002	.00001	.00001
2.00	.02275	.00405	.00137	.00063	.00035	.00021	.00014	.00010	.00007	.00006	.00004	.00004
1.90	.02872	.00561	.00201	.00096	. 00054	.00034	.00023	.00016	.00012	.00009	.00007	.00006
1.80	.03593	.03767	.00289	.00143	.00083	.00053	.00037	.00026	.00020	.00016	.00012	.00010
1.70	-04457	.01037	.00411	.00210	.00125	.00082	.00057	.00042	.00032	.00025	.00020	.00017
1.60	-05480	.01386	.00576	.00305	.00185	-00124	.00088	.00066	.00051	.00040	.00033	.00027
1.50 1.40	.06681	.01832	.00799	.00436	.00272	.00185	.00133	-00101	.00079	.00063	.00052	.00043
1.30	.09680	.03094	.01093	.00616	.00393	.00272	.00200	.00153	.00121	.00098	.00081	.00068
1.20	-11507	.03955	.01970	.01179	.00788	.00565	.00427	.00228	.00270	.00223	.00124	.03105
1.10	.13567	.04999	.02596	.01600	.01092	.00797	.00611	.00485	.00375	.00329	.00279	.00241
1.00	.15866	.06251	.03380	.02142	.01494	-01109	.00861	.00692	.03570	.00479	.03410	.00355
0.90	-18406	.07734	.04347	.02832	.02015	.01521	.01197	.00973	.00809	.00686	.00591	.00516
0.80	-21186	.09469	.05526	.03695	.02683	.02058	.01641	.01348	.01133	.00969	.00841	.00739
D.70 D.60	.24196	.11472	.06941	.04762	.03525	.02746	.02218	.01842	.01562	-01348	.01179	.01043
0.50	.30854	.16332	.10580	.07617	.05850	.03614	.02957 .03887	.02481	.02124	.01847	.01627	-01449
0.40	.34458	.19198	.12841	.09458	.07393	.06017	.05041	.04318	.03762	.02495	.02214	.01984
0.30	.38209	.22349	.15414	.11606	.09227	.07612	.06451	.05579	04902	.04363	.03924	.03561
0.20	.42074	.25771	.18303	.14075	.11374	.09508	.08147	.07113	.06302	.05650	.05115	.04668
0.10	-46017	.29442	.21503	.16873	.13850	.11727	.10156	.08948	.07991	.07215	.06574	.06034
0.00	-50000	.33333	.25000	.20000	-16667	.14286	.12500	.11111	.10000	.09091	.00333	.07692
N												
	1	2	. 3	4	5	6	7	8	9	10	11	12
н /	•	2	3	4	5	6	7	8	9	10	11	12
#	•	Z	. 3	• 4	5	6	7	8	9	10	11	12
					5	6	7	8	9	10	11	12
0.00	.50000	.33333	.25000	.20000	.16667	.14286	.12500	.11!11	.10000	.09091	.08333	<del></del>
0.00 0.10	.50000 .53983	.33333	.25000 .28772	.20000	.16667	.14286	.12500	.11111	.10000	.09091		.07692
0.00 0.10 0.20	.50000 .53983 .57926	.33333 .37408 .41623	.25000 .28772 .32788	.20000 .23446 .27192	.16667 .19823 .23308	.14286 .17192 .20445	.12500 .15193 .18240	.11111 .13620 .16487	.10000 .12353 .15058	.09091 .11302 .13869	.08333 .10422 .12863	.07692 .09673 .12000
0.00 0.10 0.20 0.30	.50000 .53983 .57926	.33333 .37408 .41623 .45931	.25000 .28772 .32788 .37006	.20000 .23446 .27192 .31206	.16667 .19823 .23308 .27104	.14286 .17192 .20445 .24032	.12500 .15173 .18240 .21637	.11111 .13620 .16487 .19713	.10000 .12350 .15058 .18129	.09091 .11302 .13869	.08333 .10422 .12863	.07692 .09673 .12000
0.00 0.10 0.20	.50000 .53983 .57926 .61791	.33333 .37408 .41623 .45931 .50282	.25000 .28772 .32788 .37006	.20000 .23446 .27192 .31206	.16667 .19823 .23308 .27104 .31177	.14286 .17192 .20445 .24032 .27930	.12500 .15173 .18240 .21637 .25368	.11111 .13620 .16487 .19713	.10000 .12350 .15058 .18129 .21559	.09091 .11302 .13869 .16801	.08333 .10422 .12863 .15669	.07692 .09673 .12000 .14692 .17757
0.00 0.10 0.20 0.30 0.40 0.50	.50000 .53983 .57926 .61791 .65542 .69146	.33333 .37408 .41623 .45931 .50282 .54624	.25000 .28772 .32788 .37006	.20000 .23446 .27192 .31206	.16667 .19823 .23308 .27104 .31177	.14286 .17192 .20445 .24032 .27930 .32104	.12500 .15173 .18240 .21637 .25368 .29403	.11111 .13620 .16487 .19713 .23287 .27187	.10000 .12350 .15058 .18129 .21559 .25332	.09091 .11302 .13869 .16801 .20099	.08333 .10422 .12863 .15669 .18845	.07692 .09673 .12000 .14692 .17757
0.00 0.10 0.20 0.30 0.40 0.50 0.60	.50000 .53983 .57926 .61791 .65542 .69146 .72575	.33333 .37408 .41623 .45931 .50282 .54624 .58906 .63079	.25000 .28772 .32788 .37006 .41379 .45855 .50376	.20000 .23446 .27192 .31206 .35450 .39874 .44425	.16667 .19823 .23308 .27104 .31177 .35486 .39981	.14286 .17192 .20445 .24032 .27930	.12500 .15173 .18240 .21637 .25368	.11111 .13620 .16487 .19713	.10000 .12350 .15058 .18129 .21559 .25332 .29417	.09091 .11302 .13869 .16801 .20099 .23750 .27732	.08333 .10422 .12863 .15669 .18845 .22384 .26266	.07692 .09673 .12000 .14692 .17757 .21190
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804	.33333 .37408 .41623 .45931 .50282 .54624 .58906 .63079 .67098	.25000 .28772 .32788 .37006 .41379 .45855 .50376 .54885 .59323	.20000 .23446 .27192 .31206 .35450 .39874 .44425 .49041	.16667 .19823 .23308 .27104 .31177 .35486 .39981 .44605 .49293	.14286 .17192 .20445 .24032 .27930 .32104 .36509 .41091 .45788	.12500 .15193 .18240 .21637 .25368 .29403 .33704 .38220 .42894	.11111 .13620 .16487 .19713 .23287 .27187 .31380 .35820 .40451	.10000 .12350 .15058 .18129 .21559 .25332 .29417 .33775 .38353	.09091 .11302 .13869 .16801 .20099	.08333 .10422 .12863 .15669 .18845	.07692 .09673 .12000 .14692 .17757
0.D0 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594	.33333 .37408 .41623 .45931 .50282 .54624 .58906 .63079 .67098	.25000 .28772 .32788 .37006 .41379 .45855 .50376 .54885 .59323 .63638	.20000 .23446 .27192 .31206 .35450 .39874 .44425 .49041 .53661	.16667 .19823 .23308 .27104 .31177 .35486 .39981 .44605 .49293 .53983	.14286 .17192 .20465 .24032 .27930 .32104 .36509 .41091 .45788 .50536	.12500 .15193 .18240 .21637 .25368 .29403 .33704 .38220 .42894 .47660	.11111 .13620 .16487 .19713 .23287 .27187 .31380 .35620 .40451 .45211	.10000 .12350 .15058 .18129 .21559 .25332 .29417 .33775 .38353 .43090	.09091 .11302 .13869 .16801 .20099 .23750 .27732 .32006 .36525 .41231	.08333 .10422 .12863 .15669 .18845 .22384 .26266 .30458 .34915 .39582	.07692 .09673 .12000 .14692 .17757 .21190 .24977 .29089 .33483 .38107
0.DO 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594	.33333 .37408 .41623 .45931 .50282 .54624 .58906 .63079 .67098 .70922 .74520	.25000 .28772 .32788 .37006 .41379 .45855 .59323 .63638 .67778	.20000 .23446 .27192 .31206 .35450 .39874 .44425 .49041 .53661 .58224	.16667 .19823 .23308 .27104 .31177 .35486 .44605 .49293 .53983 .58608	.14286 .17192 .20445 .24032 .27930 .32104 .36509 .41091 .45788 .50536 .55257	.12500 .15173 .18240 .21637 .25368 .29403 .33704 .38220 .42894 .47660 .52450	.1111 .13620 .16487 .19713 .23287 .27187 .27187 .31380 .35820 .40451 .45211 .50030	.10000 .12350 .15058 .18129 .21559 .25332 .29417 .33775 .38353 .43090 .47920	.09091 .11302 .13869 .16801 .20099 .23750 .27732 .32006 .36525 .41231 .46056	.08333 .10422 .12863 .15669 .18845 .22384 .26266 .30458 .34915 .34582	.07692 .09673 .12000 .14692 .17757 .21190 .24977 .29089 .33483 .38107 .42898
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594	.33333 .37408 .41623 .45931 .50282 .54624 .58906 .63079 .67098 .70922 .74520 .77866	.25000 .28772 .32788 .37006 .41379 .45855 .50376 .54885 .59323 .63638 .67778 .71701	. 20000 . 23446 . 27192 . 31206 . 35450 . 39874 . 44425 . 49041 . 53661 . 58224 . 62670	.16667 .19823 .23308 .27104 .31177 .35486 .39981 .44605 .49293 .53983 .58608 .63107	.14286 .17192 .20445 .24032 .27930 .32104 .36509 .41091 .45788 .50536 .55257	.12500 .15173 .18240 .21637 .25368 .29403 .33704 .38220 .42894 .47660 .52450	.11111 .13620 .16487 .19713 .23287 .27187 .31380 .35820 .40451 .45211 .50030 .54839	.10000 .12350 .15058 .18129 .21559 .25332 .29417 .33775 .38353 .43090 .47920 .52770	.09091 .11302 .13869 .16801 .20099 .23750 .27732 .32006 .36525 .41231 .46056 .50930	.08333 .10422 .12863 .15669 .18845 .22384 .26266 .30458 .34915 .39582 .44394	.07692 .09673 .12000 .14692 .17757 .21190 .21997 .29089 .33483 .38107 .42898 .47786
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .84433 .88493	.33333 .37408 .41623 .45931 .50282 .54624 .58906 .63079 .67098 .70922 .74520	.25000 .28772 .32788 .37006 .41379 .45855 .59323 .63638 .67778	.20000 .23446 .27192 .31206 .35450 .39874 .44425 .49041 .53661 .58224 .62670 .66944 .71000	.16667 .19823 .23308 .27104 .31177 .35486 .39981 .44605 .53983 .58608 .63107 .67424	.14286 .17192 .20465 .24032 .27930 .32104 .36509 .41091 .45788 .50536 .55257 .59913	.12500 .15193 .18240 .21637 .25368 .29403 .33704 .38220 .42894 .47660 .52450 .57195 .61828	.1111 .13620 .16487 .19713 .23287 .27187 .31380 .35820 .40451 .45211 .50030 .54839 .59568	.10000 .12350 .15058 .18129 .21559 .25332 .29417 .33775 .38353 .43090 .47920 .52770 .577569	.09091 .11302 .13869 .16801 .20099 .23750 .27732 .32006 .36525 .41231 .46056 .50930 .55780	.08333 .10422 .12863 .15669 .18845 .22384 .26266 .304915 .39582 .44394 .49279 .54166	.07692 .09673 .12000 .14692 .17757 .21190 .24977 .29089 .33483 .38107 .42898 .47786
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .88493 .90320 .91924	.33333 .37408 .41623 .45928 .5928 .54624 .58906 .63079 .67098 .70922 .74520 .77866 .80941 .83734 .86243	.25000 .28772 .32788 .37006 .41379 .45855 .50376 .54885 .59323 .63638 .67778 .71701	. 20000 . 23446 . 27192 . 31206 . 35450 . 39874 . 44425 . 49041 . 53661 . 58224 . 62670	.16667 .19823 .23308 .27104 .31177 .35486 .39981 .44605 .49293 .53983 .58608 .63107	.14286 .17192 .20445 .24032 .27930 .32104 .36509 .41091 .45788 .50536 .55257 .59913 .64414	.12500 .15173 .18240 .21637 .25368 .29403 .33704 .47660 .52450 .52450 .57195 .61828	.11111 .13620 .16487 .19713 .23287 .27187 .31380 .45211 .50030 .54839 .59568	.10000 .12350 .15058 .18129 .21559 .25332 .29417 .33775 .38353 .43070 .47920 .52770 .57569 .62248	.09091 .11302 .13869 .16801 .20099 .23750 .27732 .32006 .36525 .41231 .46056 .50930 .55780	.08333 .10422 .12863 .15665 .22384 .26266 .30458 .34915 .34915 .44394 .49279 .54166	.07692 .09673 .12000 .14692 .17757 .21190 .24977 .29089 .33483 .38107 .42898 .47786 .52698
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .88493 .90320 .91924 .93319	.33333 .37408 .41623 .45931 .50282 .54624 .58906 .63079 .70922 .74520 .77866 .80941 .83734 .86243	.25000 .28772 .32788 .37006 .41379 .45855 .50376 .54885 .59323 .63638 .67778 .71701 .75373 .78766 .81864	.20000 .23446 .27192 .31206 .35450 .39874 .44425 .49041 .53661 .58224 .62670 .71000 .74799 .78309 .81513	.16667 .19823 .23308 .27104 .31177 .35486 .39981 .44605 .49293 .53983 .58608 .63107 .67424 .71510 .75326 .78843	.14286 .17192 .20445 .24032 .27930 .32104 .36509 .41091 .45788 .50536 .55951 .59913 .64414 .68713 .72763	.12500 .15193 .18240 .21637 .25368 .29403 .33704 .38220 .42894 .47660 .52450 .57195 .61828	.1111 .13620 .16487 .19713 .23287 .27187 .31380 .35820 .40451 .45211 .50030 .54839 .59568	.10000 .12350 .15058 .18129 .21559 .25332 .29417 .33775 .38353 .43090 .47920 .52770 .577569	.09091 .11302 .13869 .16801 .20099 .23750 .27732 .32006 .36525 .41231 .46056 .50930 .55780 .60535	.08333 .10422 .12863 .158645 .22384 .26266 .30458 .34915 .39582 .44394 .49279 .54166 .58980	.07692 .09673 .12000 .14692 .17757 .21190 .24977 .29089 .33483 .38107 .42898 .47786 .52698 .57559 .62297
0.D0 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.70 0.80 1.10 1.20 1.30 1.40	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .84134 .84134 .84433 .84493 .90320 .91924 .93319	.33333 .37408 .41623 .45931 .50282 .54624 .58906 .70922 .74520 .77866 .80941 .83734 .86243 .88471 .90427	.25000 .28772 .32788 .37006 .41379 .45855 .50376 .50376 .50373 .71701 .7	.20000 .23446 .27192 .31206 .35450 .39874 .44425 .49041 .53661 .58224 .62670 .66944 .71000 .74799 .78309 .78399 .81513 .84398	.16667 .19823 .23308 .27104 .31177 .35486 .39981 .44605 .49293 .53983 .58608 .63107 .67424 .71510	.14286 .17192 .20445 .24032 .27930 .32104 .36509 .41091 .45788 .50536 .55257 .59913 .64414 .68713	.12500 .15193 .18240 .21637 .25368 .29403 .33704 .38220 .42894 .47660 .52450 .52450 .52450 .61828 .66287	.11111 .13620 .16487 .19713 .23287 .27187 .31880 .35820 .40451 .45211 .50030 .54839 .59568 .64151	.10000 .12350 .15058 .18129 .21559 .25332 .29417 .38775 .38353 .43090 .47920 .52770 .527569 .62248	.09091 .11302 .13869 .16801 .20099 .23750 .27732 .32006 .36525 .41231 .46056 .50930 .55780	.08333 .10422 .12863 .15665 .22384 .26266 .30458 .34915 .39582 .44394 .49279 .54166 .58980 .63652 .68119	.07692 .09673 .12000 .14692 .17757 .21190 .24977 .29089 .33483 .38107 .42898 .47786 .52698
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .84134 .84134 .86433 .88432 .91924 .91924 .93319 .94520	.33333 .37408 .41623 .45931 .50282 .54624 .58906 .63079 .67098 .70922 .74520 .77866 .80941 .83734 .86243 .88471 .90427	.25000 .28772 .32788 .37006 .41379 .45855 .50376 .54885 .57323 .63638 .67778 .71701 .75373 .78766 .81864 .84656 .87143	.20000 .23446 .27192 .31206 .35450 .39874 .44425 .49041 .53661 .58224 .62670 .66944 .71000 .74799 .78309 .81513 .84398	.16667 .19823 .23308 .27104 .31177 .35486 .39981 .44605 .49293 .53608 .63107 .67424 .71510 .75326 .78843 .82040 .84908	.14286 .17192 .20445 .24032 .27930 .32104 .36509 .41091 .45788 .55257 .59913 .64414 .68713 .72763 .76525 .79973 .83090	.12500 .15193 .18240 .21637 .25368 .29403 .33704 .38220 .42894 .47660 .52450 .52450 .52450 .70519 .74480 .78134	.11111 .13620 .16487 .19713 .23287 .27187 .31380 .36820 .40451 .45211 .50030 .54839 .59568 .64151 .68529 .72652 .72652	.10000 .12350 .15058 .18129 .21559 .25332 .29417 .38775 .38353 .43090 .47920 .52770 .52770 .52770 .62248 .66744 .71001 .74975 .78631	.09091 .11302 .13869 .16801 .20099 .23750 .27732 .32026 .36525 .41231 .46056 .50930 .55780 .60535 .65127 .69498 .73598	.08333 .10422 .12863 .158645 .22384 .26266 .30458 .34915 .39582 .44394 .49279 .54166 .58980 .63652 .68119 .72326	.07692 .09673 .12000 .14692 .17757 .21190 .24977 .29089 .33483 .38107 .42898 .57559 .62297 .66847
0.D0 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .88493 .90320 .91924 .93319 .94520 .95543	.33333 .37408 .41623 .45931 .50282 .54624 .58906 .63079 .77866 .80941 .83734 .86243 .88471 .90427 .92124	.25000 .28772 .32788 .37006 .41379 .45855 .50376 .54885 .59323 .63638 .67778 .71701 .75373 .78766 .81866 .84656 .87143 .89331 .91233	.20000 .23446 .27192 .31206 .35450 .39874 .44425 .49041 .53661 .58224 .62670 .71000 .74799 .78309 .78309 .78309 .84398 .86964 .89218	.16667 .19823 .23308 .27104 .31177 .35486 .39981 .44605 .49293 .53983 .58608 .63107 .67424 .71510 .75326 .78843 .82040 .84908 .87448	.14286 .17192 .20445 .24032 .27930 .32104 .36509 .41091 .45788 .50536 .55257 .59913 .64414 .68713 .72753 .72753 .739973 .83090 .85870	.12500 .15193 .18240 .21637 .25368 .29403 .33704 .38220 .42894 .47660 .52450 .52450 .51828 .66287 .70519 .74480 .78134 .81459 .84444	.11111 .13620 .16487 .19713 .23287 .27187 .31380 .35820 .40451 .45211 .50030 .59568 .64151 .68529 .72652 .76479 .7982	.10000 .12350 .15058 .18129 .21559 .25332 .29417 .33775 .38353 .43090 .47920 .57769 .62248 .66744 .71001 .74975 .78631 .81948	.09091 .11302 .13869 .16801 .20099 .23750 .27732 .32006 .36525 .41231 .46056 .50930 .55780 .60535 .65127 .69498 .73598	.08333 .10422 .12863 .15669 .18845 .22384 .26266 .30458 .34915 .39582 .44394 .54166 .58980 .68652 .68119 .72328 .76236	.07692 .09673 .12000 .14692 .17757 .21190 .24977 .29089 .33483 .38107 .42898 .57559 .62297 .66847 .71151 .75163
0.D0 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.70 0.1.10 1.20 1.30 1.40 1.50 1.60 1.70	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .84134 .84134 .84433 .8493 .90320 .91924 .93319 .94520 .95543 .96407	.33333 .37408 .41623 .45931 .50282 .54624 .58906 .63079 .67098 .70922 .74520 .77866 .80941 .83734 .86243 .88471 .90427 .92124 .93581 .94817	.25000 .28772 .32788 .37006 .41379 .45855 .50376 .504885 .57323 .63638 .67778 .71701 .75373 .78766 .81864 .84656 .87143 .89331 .91233	.20000 .23446 .27192 .31206 .35450 .39874 .44425 .49041 .53661 .58224 .71000 .74799 .78309 .81513 .84398 .86964 .89218	.16667 .19823 .23308 .27104 .31177 .35486 .39981 .53983 .53983 .53983 .53107 .67424 .71510 .75326 .78843 .82040 .84908 .87468	.14286 .17192 .20445 .24032 .27930 .32104 .36509 .41091 .45788 .50536 .55257 .59913 .64414 .68713 .72763 .76525 .79973 .838090 .88317	.12500 .15193 .18240 .21637 .25368 .29403 .33704 .47660 .52450 .57195 .61828 .66287 .70519 .74480 .78134 .81459 .84444	.11111 .13620 .16487 .19713 .23287 .27187 .31380 .40451 .45211 .50030 .54839 .59588 .64151 .68529 .72652 .76479 .79982 .83144 .85958	.10000 .12350 .15058 .18129 .21559 .25332 .29417 .38353 .43090 .52770 .57569 .62248 .66744 .71001 .74975 .78631 .81948	.09091 .11302 .13869 .16801 .20099 .23750 .27732 .32006 .36525 .41231 .46056 .50930 .55780 .60535 .65127 .69498 .73598 .73598 .73598 .73598	.08333 .10422 .12863 .158645 .22384 .26266 .34915 .34915 .34915 .44394 .49279 .54166 .58980 .63652 .68119 .72328 .76236 .79811 .83036	.07692 .09673 .12000 .14692 .17757 .21190 .24977 .29089 .33483 .38107 .42898 .47786 .52698 .57559 .62297 .66847 .71151 .75163 .78848 .82183
0.DO 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214	.33333 .37408 .41623 .45931 .50282 .54624 .58906 .63079 .77866 .80941 .83734 .86243 .88471 .90427 .92124	.25000 .28772 .32788 .37006 .41379 .45855 .50376 .54885 .59323 .63638 .67778 .71701 .75373 .78766 .81866 .84656 .87143 .89331 .91233	.20000 .23446 .27192 .31206 .35450 .39874 .44425 .49041 .53661 .58224 .62670 .66944 .71000 .74799 .78309 .81513 .84398 .86964 .89218 .89218 .9218 .921845	.16667 .19823 .23308 .27104 .31177 .35486 .39981 .44605 .49293 .53983 .58608 .63107 .67424 .71510 .75326 .78843 .82040 .84908 .87448 .89669 .91585	.14286 .17192 .20445 .24032 .27930 .32104 .36509 .41091 .45788 .50536 .55257 .59913 .64414 .68713 .72763 .76525 .79973 .83090 .85870 .88317 .90442	.12500 .15193 .18240 .21637 .25368 .29403 .33704 .38220 .42894 .47660 .52450 .52450 .52450 .70519 .74480 .78134 .81459 .81459 .81459 .81459 .81459	.11111 .13620 .16487 .19713 .23287 .27187 .31380 .40451 .45211 .50030 .54839 .5958 .64151 .68529 .72652 .76479 .79982 .83144 .85958	.10000 .12350 .15058 .18129 .21559 .25332 .29417 .38775 .38353 .43070 .47920 .57769 .62248 .66744 .71001 .74975 .78631 .81948 .84914 .87531	.09091 .11302 .13869 .16801 .20099 .23750 .27732 .3206 .36525 .41231 .46056 .50930 .60535 .65127 .69498 .73598 .77388 .80841 .83943	.08333 .10422 .12863 .158645 .22384 .26266 .34915 .39582 .44394 .49279 .54166 .58980 .63652 .68119 .76236 .76236 .76236 .76236 .76236 .76236 .76236 .76236	.07692 .09673 .12000 .14692 .17757 .21190 .24977 .29089 .33483 .38107 .42898 .47786 .57559 .62297 .66847 .711563 .781848 .82183 .85159
0.DO 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.70 0.80 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.10	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .84134 .84134 .84433 .8493 .90320 .91924 .93319 .94520 .95543 .96407 .97725 .97725	.33333 .37408 .41623 .459312 .54624 .58906 .70922 .74520 .77866 .80941 .83734 .86243 .88471 .90427 .92124 .935817 .95855 .96717	.25000 .28772 .32788 .37006 .41379 .45855 .50376 .54885 .57323 .63638 .67778 .71701 .75373 .78766 .81864 .84656 .87143 .89331 .91233 .92867	.20000 .23446 .27192 .31206 .35450 .39874 .44425 .49041 .53661 .58224 .71000 .74799 .78309 .81513 .84398 .86964 .89218	.16667 .19823 .23308 .27104 .31177 .35486 .39981 .53983 .53983 .53983 .53107 .67424 .71510 .75326 .78843 .82040 .84908 .87468	.14286 .17192 .20445 .24032 .27930 .32104 .36509 .41091 .45788 .50536 .55257 .64414 .68713 .72763 .72763 .73076 .75376 .7	.12500 .15193 .18240 .21637 .25368 .29403 .33704 .38220 .42894 .47660 .52450 .61828 .66287 .70519 .74480 .78134 .81459 .84444 .81459 .84444 .87087 .89395 .91385	.1111 .13620 .16487 .19713 .23287 .31380 .35820 .40451 .45211 .50030 .59568 .64151 .68529 .72652 .76482 .83144 .85958 .88429	.10000 .12350 .15058 .18129 .21559 .25332 .29417 .33775 .38353 .43090 .47920 .57569 .62248 .66744 .71001 .749631 .81948 .84914 .87531 .89826	.09091 .11302 .13869 .16809 .23750 .27732 .32006 .36525 .41231 .46056 .50930 .55780 .60535 .65127 .69498 .73398 .73388 .80841 .83943 .8693	.08333 .10422 .12863 .15669 .18845 .22384 .26266 .304915 .39582 .44394 .54166 .58980 .68652 .68119 .72328 .79811 .83906 .83902 .88415	.07692 .09673 .12000 .14692 .17757 .21190 .24977 .29089 .33483 .38107 .42898 .57559 .62297 .66847 .71151 .75163 .78848 .82183 .85159 .87776
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.10 2.10 2.20 2.30	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .88493 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214 .98610 .98928	.33333 .37408 .41623 .45932 .59282 .54624 .58906 .67098 .70922 .74520 .77866 .80941 .83734 .86243 .88471 .90427 .92124 .93581 .94817 .95855 .96717 .97424	.25000 .28772 .32788 .37006 .41379 .45855 .50376 .54885 .57323 .63638 .67778 .71701 .75373 .78766 .81864 .87143 .89331 .91233 .92867 .94253 .95416 .96380 .97169	.20000 .23446 .27192 .31206 .35450 .39874 .44425 .49041 .53661 .58224 .62670 .66944 .71000 .74799 .78309 .81513 .84398 .86964 .89218 .91172 .92845 .92845 .94260 .95443	.16667 .19823 .23308 .27104 .31177 .35486 .39981 .44605 .49293 .53608 .63107 .674510 .75326 .78843 .82040 .84908 .87448 .89669 .95730	.14286 .17192 .20445 .24032 .27930 .32104 .36509 .41091 .45788 .50536 .55257 .59913 .64414 .68713 .72763 .76525 .79973 .83090 .85870 .88317 .90442	.12500 .15193 .18240 .21637 .25368 .29403 .33704 .38220 .42894 .47660 .52450 .52450 .52450 .70519 .74480 .78134 .81459 .81459 .81459 .81459 .81459	.11111 .13620 .16487 .19713 .23287 .27187 .31380 .40451 .45211 .50030 .54839 .5958 .64151 .68529 .72652 .76479 .79982 .83144 .85958	.10000 .12350 .15058 .18129 .21559 .25332 .29417 .38775 .38353 .43070 .47920 .57769 .62248 .66744 .71001 .74975 .78631 .81948 .84914 .87531	.09091 .11302 .13869 .16801 .20099 .23750 .27732 .3206 .36525 .41231 .46056 .50930 .60535 .65127 .69498 .73598 .77388 .80841 .83943	.08333 .10422 .12863 .158645 .22384 .26266 .34915 .34915 .34915 .44394 .49279 .54166 .58980 .63652 .68119 .72328 .76236 .79811 .83036 .85902 .884918	.07692 .09673 .12000 .14692 .17757 .21190 .24977 .29089 .33483 .38107 .42898 .47786 .52698 .57559 .62297 .66847 .71151 .75163 .78848 .82183 .851776 .87076
0.DO 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.10 2.20 2.30 2.40	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .88493 .90320 .91924 .93319 .94520 .95543 .96407 .97728 .97725 .98214 .98610 .98928 .99180	.33333 .37408 .47408 .45931 .50282 .54624 .58906 .63079 .77866 .80941 .83734 .88471 .90424 .93581 .94817 .95855 .96717 .97424 .97494 .97494	.25000 .28772 .32788 .37006 .41379 .45855 .50376 .54885 .59323 .63638 .67778 .71701 .75373 .78766 .81864 .84656 .87143 .89331 .91233 .92867 .94253 .95416 .96380 .97169	.20000 .23446 .27192 .31206 .354574 .44425 .49041 .53661 .58224 .62670 .74799 .81513 .84398 .86964 .89218 .991172 .92845 .91172 .92845 .94260 .95443 .96419	.16667 .19823 .23308 .27104 .31177 .35486 .39981 .44605 .49293 .53983 .58608 .63107 .67424 .71510 .75326 .78843 .82040 .84908 .87448 .89669 .91585 .93217 .94590 .95730	.14286 .17192 .20445 .24032 .27930 .32104 .36509 .41091 .45788 .50536 .55257 .64414 .68713 .72763 .76525 .793090 .85870 .888317 .92264 .93264 .93264 .93264	.12500 .15193 .18240 .21637 .25368 .29403 .33704 .38220 .42894 .47660 .52450 .61828 .66287 .70519 .74480 .78134 .81459 .84444 .87087 .89395 .91385 .93077 .95673	.1111 .13620 .16487 .19713 .23287 .31380 .35820 .40451 .45211 .50030 .59568 .64151 .68529 .79482 .79482 .83144 .85958 .84529 .90569 .92397 .93928	.10000 .12350 .15058 .18129 .21559 .25332 .29417 .38353 .43090 .52770 .57569 .62248 .66744 .71001 .74975 .78631 .81948 .84914 .87531	.09091 .11302 .13869 .16801 .20099 .23750 .27732 .32006 .36525 .41231 .46056 .50930 .55780 .60535 .65127 .69498 .77388 .80841 .83943 .86691 .89090 .91156	.08333 .10422 .12863 .158645 .22384 .26266 .30458 .34915 .39582 .44394 .49279 .54166 .58980 .63652 .68119 .7282 .68365 .76236 .79811 .83036 .76236 .79811 .83036 .76236 .79811 .83036 .76236 .76236 .79811 .83036 .76236 .79811 .79911 .7	.07692 .09673 .12000 .14692 .17757 .21190 .24977 .29089 .33483 .38107 .42898 .47786 .57559 .62297 .66847 .711513 .78848 .82183 .78848 .82183 .78848 .82183 .78848 .776 .90045
0.DO 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.70 1.10 1.20 1.30 1.40 1.50 1.70 1.80 1.70 2.00 2.10 2.20 2.30 2.40 2.50	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .84134 .84134 .84433 .90320 .91924 .93319 .94520 .95543 .96407 .97725 .98214 .98610 .98928 .99180	.33333 .37408 .41623 .459312 .54624 .58906 .70922 .74520 .77866 .80941 .83734 .86243 .88471 .90427 .935817 .95855 .96717 .97424 .9798825	.25000 .28772 .32788 .37006 .41379 .45855 .50376 .50376 .71701 .75373 .78766 .81864 .84656 .87143 .89331 .92867 .94253 .95486 .97169 .97809 .97809	. 20000 . 23446 . 27192 . 31206 . 35450 . 35874 . 44425 . 49041 . 58224 . 62670 . 66944 . 71000 . 74799 . 78309 . 81513 . 84398 . 86964 . 91172 . 92845 . 92845 . 94260 . 95443 . 95443 . 95443 . 96419 . 97856	.16667 .19823 .23308 .27104 .31177 .35486 .39981 .49293 .53983 .53983 .63107 .67424 .71510 .75326 .78843 .784908 .87469 .87489 .91585 .93217 .94590 .95730 .96665	.14286 .17192 .20445 .24032 .27930 .32104 .36509 .41091 .45788 .50536 .55267 .59913 .64414 .68713 .72763 .76525 .79973 .838070 .88817 .90442 .92264 .93805 .95092 .96153	.12500 .15193 .18240 .21637 .25368 .29403 .33704 .42894 .47660 .52450 .57195 .61828 .70519 .74480 .78134 .81459 .84444 .87087 .89395 .91387 .94467 .95673 .96635	.11111 .13620 .16487 .19713 .23287 .27187 .31380 .40451 .45030 .54839 .54839 .54839 .54852 .72652 .72652 .72652 .72652 .72652 .72652 .72652 .72652 .73982 .73982 .739882 .739982 .739982 .739982 .739982 .739982 .739982 .739982 .7398	.10000 .12350 .15058 .18129 .21559 .255332 .29417 .38353 .43090 .52770 .5752648 .66744 .71001 .74975 .78631 .81948 .84914 .87531 .89826 .91758 .934710 .95927	.09091 .11302 .13869 .16801 .20099 .23750 .27732 .32006 .36525 .41231 .46056 .50930 .55780 .65127 .69498 .77388 .80841 .89691 .89091 .89091 .9156 .92911 .94382	.08333 .10422 .12863 .158645 .22384 .26266 .34915 .34915 .34915 .44394 .49279 .54166 .58980 .63652 .68119 .72328 .76236 .79811 .83036 .85902 .884918	.07692 .09673 .12000 .14692 .17757 .21190 .24977 .29089 .33483 .38107 .42898 .47786 .52698 .57559 .62297 .66847 .71151 .75163 .78848 .82183 .851776 .87076
0.DO 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.10 2.20 2.30 2.40 2.50	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .88432 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214 .98610 .98928 .99180	.33333 .37408 .41623 .45931 .50931 .50931 .50931 .67098 .70922 .74520 .77866 .80941 .83734 .86243 .88471 .92124 .93581 .94817 .92124 .93581 .94817 .97998 .97998 .98459 .98459	.25000 .28772 .32788 .37006 .41379 .45855 .50376 .54885 .57323 .63638 .67778 .71701 .75373 .78766 .81864 .84656 .87143 .92867 .91233 .92867 .97809 .97809 .97809	.20000 .23446 .27192 .31206 .35450 .39874 .44425 .49041 .53661 .58224 .62670 .66944 .71000 .74799 .81513 .84398 .86964 .89218 .91172 .92845 .92845 .94260 .95443 .97856 .97856	.16667 .19823 .23308 .27104 .31177 .35486 .39981 .49605 .49293 .53608 .63107 .674510 .75326 .71510 .75326 .78843 .82040 .84908 .87448 .89669 .91585 .93217 .94590 .95730 .96665 .97423 .98030	.14286 .17192 .20445 .24032 .27930 .32104 .36509 .41091 .45788 .50536 .55257 .59913 .64414 .68713 .72763 .76525 .79973 .83090 .88317 .90442 .93805 .95092 .95092 .96153 .97017	.12500 .15193 .18240 .216378 .29403 .33704 .38220 .42894 .47660 .57195 .61828 .66287 .70519 .74480 .78134 .81459 .84444 .87087 .89395 .93077 .94497 .95673 .96635 .97411	.11111 .13620 .16487 .19713 .23287 .27187 .31380 .40451 .45211 .50030 .54839 .54839 .54659 .72652 .76479 .79982 .83144 .85958 .8429 .90569 .92397 .93938 .95220 .96272	.10000 .12350 .15058 .18129 .21559 .25332 .29417 .38775 .38353 .43090 .47920 .52770 .577569 .62248 .66744 .71001 .74975 .78631 .81948 .84914 .87531 .81948 .84914 .87531 .89876 .91758 .93411 .94790 .95927 .96851	.09091 .11302 .13869 .16801 .20099 .23750 .27732 .36525 .41231 .46056 .50930 .55780 .60535 .65127 .69498 .77388 .7	.08333 .10422 .12863 .158645 .22384 .26266 .34915 .39582 .44394 .49279 .54166 .58980 .63652 .68119 .76236 .79811 .85902 .88418 .92437 .92437 .92437 .92437	.07692 .09673 .12000 .14692 .17757 .21190 .24977 .29089 .33483 .38107 .42898 .47786 .52698 .57559 .62297 .66847 .711563 .7818848 .85159 .87176 .90045 .91984 .93619 .94979 .96094
0.DO 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.10 2.20 2.30 2.40 2.50	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .88493 .90320 .91924 .93319 .94520 .955543 .96407 .97725 .98214 .98610 .98928 .99180 .99379 .99534	.33333 .37403 .45028 .45931 .50282 .54624 .58906 .630798 .70922 .74520 .77866 .80941 .83734 .86471 .904124 .93581 .94817 .95855 .96717 .97494	.25000 .28772 .32788 .37006 .41379 .45855 .50376 .54885 .59323 .63638 .67778 .71701 .75373 .78766 .81864 .84656 .87143 .89331 .91233 .92867 .94253 .95416 .96380 .97169 .97809 .97809 .988721 .98726 .99043	.20000 .23446 .27192 .31206 .35450 .39874 .44425 .49041 .53661 .58224 .62670 .74799 .81513 .84398 .86964 .89218 .991172 .92845 .91172 .92845 .91172 .92845 .91172 .92845 .9215 .97856 .98366	.16667 .19823 .23308 .27104 .31177 .35486 .39981 .44605 .49293 .53983 .58608 .63107 .67424 .71510 .75326 .78843 .82040 .84908 .87448 .89669 .91585 .93217 .94590 .95730 .96665 .97423 .986030 .98509	.14286 .17192 .20445 .24032 .27930 .32104 .36509 .41091 .45788 .50536 .55257 .76781 .64414 .68713 .72763 .76525 .79309 .85870 .888317 .92264 .93805 .92264 .93805 .9597017 .97712 .97712	.12500 .15193 .18240 .21637 .25368 .29403 .33704 .382894 .47660 .52450 .52450 .761828 .66287 .70519 .74480 .78134 .81459 .84444 .87087 .983077 .95673 .93077 .95673 .96635	.1111 .13620 .16487 .19713 .23287 .31380 .35820 .40451 .45211 .50030 .59568 .6451 .68529 .794782 .7847	.10000 .12350 .15058 .18129 .21559 .21559 .29417 .33775 .38353 .43090 .47920 .57569 .62248 .66744 .71001 .749631 .81948 .84914 .87531 .81948 .847531 .81948 .847531 .94790 .95851 .94790	.09091 .11302 .13869 .16809 .23750 .27732 .32005 .41231 .46056 .50930 .55780 .60535 .65127 .69498 .73598 .7	.08333 .10422 .12863 .158645 .22384 .26266 .304515 .39582 .44394 .26458 .34915 .39582 .44394 .68119 .72328 .76811 .83036 .88415 .9248 .96837 .93992 .96337 .97188	.07692 .09673 .12000 .14692 .17757 .21190 .24977 .29089 .33483 .38107 .42898 .57698 .57559 .62297 .66847 .71151 .75163 .78848 .82183 .85159 .87776 .90045 .91984 .93619 .94979 .96094
0.DO 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.70 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.10 2.10 2.20 2.30 2.40 2.50 2.70 2.80 2.90	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .84134 .86433 .88432 .93319 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214 .98610 .99379 .99534 .99180	.33333 .37408 .41623 .45931 .50931 .50931 .50931 .67098 .70922 .74520 .77866 .80941 .83734 .86243 .88471 .92124 .93581 .94817 .92124 .93581 .94817 .97998 .97998 .98459 .98459	.25000 .28772 .32788 .37006 .41379 .45855 .50376 .54885 .57323 .63638 .67778 .71701 .75373 .78766 .81864 .84656 .87143 .92867 .91233 .92867 .97809 .97809 .97809	. 20000 . 23446 . 27192 . 31206 . 35450 . 35874 . 44425 . 49041 . 53661 . 58224 . 62670 . 66944 . 71000 . 74799 . 78309 . 84398 . 84398 . 84398 . 84398 . 91172 . 92845 . 92845 . 92845 . 94260 . 95443 . 97215 . 97856 . 98366 . 98366 . 98766	.16667 .19823 .23308 .27104 .31177 .35486 .39981 .549293 .53983 .53107 .67424 .71510 .75326 .78843 .71510 .75326 .78843 .795730 .98590 .995730 .98590 .98509 .98884	.14286 .17192 .20445 .24032 .27930 .32104 .36509 .41091 .45788 .50536 .55267 .59913 .64414 .68713 .72753 .76525 .79973 .83090 .88317 .90442 .92264 .93805 .95092 .96153 .97017 .97712 .98264	.12500 .15193 .18240 .21637 .25368 .29403 .33704 .42894 .47660 .52450 .57195 .61828 .70519 .74480 .78134 .81459 .84444 .87087 .98037 .996673 .996673 .97411 .98030 .98517	.11111 .13620 .16487 .19713 .23287 .27187 .313820 .40451 .450439 .54839 .54839 .54839 .54852 .72652 .72652 .72652 .72652 .73982 .83144 .88429 .90597 .93938 .95220 .97125 .97807 .97807 .97807 .97807	.10000 .12350 .15058 .18129 .21559 .25332 .29417 .38353 .43070 .52770 .575248 .66744 .71001 .74675 .78631 .81948 .87531 .81948 .87531 .81948 .87531 .89876 .91758 .93411 .94790 .95927 .96851 .95927	.09091 .11302 .13869 .16801 .20099 .23750 .27732 .32006 .36525 .41231 .46056 .50930 .55780 .60535 .65127 .69498 .77388 .80841 .83943 .86691 .94382 .95597 .96588 .976588	.08333 .10422 .12863 .158645 .22384 .26266 .34915 .34915 .34915 .44394 .49279 .54160 .58980 .63652 .68119 .63652 .68128 .79811 .83036 .85902 .8845 .85902 .8845 .97881	.07692 .09673 .12000 .14692 .17757 .21190 .24977 .229089 .33483 .38107 .428898 .47786 .52698 .57559 .62297 .66847 .71151 .75163 .78848 .82183 .85159 .87776 .90045 .91984 .93619 .94979 .96094 .96996
0.DO 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.10 2.20 2.30 2.40 2.50 2.40 2.50 2.80 2.70 2.80 2.90 3.00	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .881594 .86433 .88493 .90320 .91924 .93319 .94520 .95543 .96407 .97725 .98214 .98610 .98928 .99180 .99534 .99534 .99534 .99534	.33333 .37408 .41623 .459312 .54624 .58906 .70922 .74520 .77866 .80941 .83734 .86243 .88471 .90427 .92124 .935817 .95855 .96717 .97424 .935817 .97424 .935817 .97424 .935817 .97424 .935817 .97424 .935817 .97424 .98459 .994113 .99359	.25000 .28772 .32788 .37006 .41379 .45855 .50376 .50376 .71701 .75373 .78766 .81864 .84656 .87143 .89331 .91233 .92867 .94253 .95416 .96380 .97169 .96380 .97169 .97809 .98726 .990288	.20000 .23446 .27192 .31206 .35450 .39874 .44425 .49041 .53661 .58224 .62670 .74799 .81513 .84398 .86964 .89218 .991172 .92845 .91172 .92845 .91172 .92845 .91172 .92845 .9215 .97856 .98366	.16667 .19823 .23308 .27104 .31177 .35486 .39981 .49293 .53983 .58608 .63107 .674510 .75326 .71510 .75326 .78843 .82040 .84908 .87448 .89669 .91585 .93217 .94590 .95730 .96665 .97423 .98509 .98809 .98809 .98809 .98809 .98809	.14286 .17192 .20445 .24032 .27930 .32104 .36509 .41091 .45788 .50536 .55257 .59913 .64414 .68713 .72763 .76525 .79573 .83090 .88317 .90426 .95092 .95092 .95092 .96153 .97017 .97712 .98264 .98697	.12500 .15193 .18240 .216368 .29403 .33704 .38220 .42894 .47660 .57195 .618287 .761828 .66287 .761834 .81459 .84464 .81459 .84464 .81459 .84467 .93673 .93677 .94697 .95673 .96631 .976411 .98896	.11111 .13620 .16487 .19713 .23287 .27187 .31380 .40451 .45211 .50030 .54839 .54839 .54839 .72652 .76479 .72652 .76479 .79982 .83144 .85958 .92397 .93938 .95220 .96272 .97125 .97125 .971807 .98345	.10000 .12350 .15058 .18129 .21559 .25332 .29417 .38775 .38353 .43070 .52770 .577569 .62248 .66744 .71901 .74975 .78631 .81948 .84914 .87531 .81948 .84914 .87531 .898758 .93411 .94790 .95927 .96851 .97592 .98180 .98639	.09091 .11302 .13869 .16801 .20099 .23750 .27732 .36525 .41231 .45056 .50930 .55780 .60535 .65127 .69498 .77388 .80841 .83943 .86691 .89999 .91156 .92911 .94382 .95597 .96588 .97386 .98020 .98517	.08333 .10422 .12863 .158645 .22384 .26266 .34915 .39582 .44394 .49279 .54166 .58980 .63652 .68119 .76236 .79811 .83036 .76236 .79811 .83036 .79811 .83036 .79811 .83036 .79811 .83036 .79811	.07692 .09673 .12000 .14692 .17757 .21190 .24977 .29089 .33483 .38107 .42898 .47786 .52698 .57559 .62297 .66847 .75163 .7818848 .85159 .87176 .90094 .93619 .94979 .94979 .94979 .96994 .97716
0.DO 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.70 1.00 1.10 1.20 1.30 1.40 1.50 1.70 1.80 1.70 2.00 2.10 2.20 2.30 2.40 2.70 2.80 2.90 3.10	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .84134 .84134 .8433 .88433 .90320 .91924 .93520 .995543 .905543 .905543 .907725 .98214 .98610 .99379 .99379 .99534 .99610 .99379 .99534 .99610 .999744 .99613 .99865 .999744	.33333 .37408 .41623 .459312 .54624 .58906 .67092 .74520 .74520 .74520 .74520 .74520 .74520 .74520 .74520 .74520 .74520 .74520 .74520 .74520 .86243 .88471 .95855 .96717 .97424 .935817 .97424 .935817 .97424 .935817 .97424 .979113 .999113 .999509 .999509 .99738 .998429	.25000 .28772 .32788 .37006 .41379 .45855 .50376 .50376 .50378 .71701 .75373 .78766 .81864 .84656 .87143 .89331 .91233 .92867 .94253 .95416 .96380 .97169 .97809 .97809 .97809 .998726 .99288 .99476 .99288 .99476 .99288	.20000 .23446 .27192 .31206 .35450 .39874 .44425 .49041 .53661 .58224 .62670 .66944 .71000 .74799 .78309 .81513 .84398 .86964 .89218 .91172 .92845 .94260 .95443 .97215 .97856 .988768 .988768	.16667 .19823 .23308 .27104 .31177 .35486 .39981 .549293 .53983 .53107 .67424 .71510 .75326 .78843 .71510 .75326 .78843 .795730 .98590 .995730 .98590 .98509 .98884	.14286 .17192 .20445 .24032 .27930 .32104 .36509 .41091 .45788 .50536 .55267 .59913 .64414 .68713 .72753 .76525 .79973 .83090 .88317 .90442 .92264 .93805 .95092 .96153 .97017 .97712 .98264	.12500 .15193 .18240 .21637 .25368 .29403 .33704 .42894 .47660 .52450 .57195 .61828 .70519 .74480 .78134 .81459 .84444 .87087 .98037 .996673 .996673 .97411 .98030 .98517	.1111 .13620 .16487 .197187 .27187 .27187 .31380 .35820 .40451 .45211 .50030 .59568 .64151 .68529 .79652 .764782 .83144 .85958 .84529 .794782 .90569 .92397 .9338 .95220 .96725 .97807 .98345 .98345 .99089	.10000 .12350 .15058 .18129 .21559 .25332 .29417 .33753 .43070 .47920 .57569 .62248 .66744 .71001 .749631 .81948 .84914 .87531 .89826 .91759	.09091 .11302 .13869 .16809 .23750 .27732 .32005 .41231 .46056 .50930 .55780 .60535 .65127 .69498 .73598 .7	.08333 .10422 .12863 .158865 .22386 .26258 .34918 .34918 .44394 .54166 .58982 .63652 .6362 .6362 .6362 .6362 .6362 .6362	.07692 .09673 .12000 .14692 .17757 .21190 .24977 .29989 .33483 .38107 .42898 .57559 .62297 .66847 .71151 .75163 .78848 .82183 .8159 .82183 .87776 .90045 .93619 .94979 .96996 .97716 .98283 .98724
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.10 2.20 2.20 2.20 2.50 2.50 2.70 2.80 2.70 2.80 2.90 3.10 3.20	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .84134 .86433 .86433 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214 .98610 .99379 .99534 .99534 .99534 .99534 .99534 .99534 .99534 .99534 .99534 .99534 .99534 .99534 .99534 .99653 .999534 .99865 .99903 .99931	.33333 .37408 .41623 .45931 .50931 .50931 .50931 .67098 .70922 .74520 .77866 .80941 .83734 .86243 .88471 .90427 .92124 .93581 .94817 .97998 .98459 .98459 .99798 .999640 .99738 .99866	.25000 .28772 .32788 .37006 .41379 .45855 .50376 .54885 .57323 .63638 .67778 .71701 .75373 .78766 .81864 .84656 .87143 .991233 .92867 .94253 .95416 .96380 .97169 .97169 .98321 .99123 .99123 .99123 .99124 .99128	.20000 .23446 .27192 .31206 .35450 .39874 .44425 .49041 .53661 .58224 .62670 .66944 .71000 .74799 .81513 .84398 .86964 .89218 .91172 .92845 .92845 .94260 .95443 .97856 .98768 .98866 .98866 .98866 .98866 .98866 .99321 .99504 .99504 .99504	.16667 .19823 .23308 .27104 .31177 .35486 .39981 .44605 .49293 .53608 .63107 .674510 .75326 .78843 .82040 .84908 .87448 .89665 .991585 .93217 .94590 .95730 .96665 .97423 .98509 .98509 .98809 .98809 .98809 .998606	.14286 .17192 .20445 .24032 .27930 .32104 .36509 .41078 .50536 .55257 .64414 .68713 .72763 .76525 .79309 .85870 .888317 .92264 .93805 .92264 .93805 .97017 .97712 .98697 .998697 .99288	.12500 .15193 .18240 .21637 .25368 .29403 .33704 .38294 .47660 .52450 .57195 .61828 .66287 .70519 .74480 .78134 .81459 .84444 .87087 .98517 .98635 .99187	.11111 .13620 .16487 .19713 .23287 .27187 .31380 .40451 .45211 .50030 .54839 .54839 .54839 .72652 .76479 .72652 .76479 .79982 .83144 .85958 .92397 .93938 .95220 .96272 .97125 .97125 .971807 .98345	.10000 .12350 .15058 .18129 .21559 .25332 .29417 .38775 .38353 .43070 .52770 .577569 .62248 .66744 .71901 .74975 .78631 .81948 .84914 .87531 .81948 .84914 .87531 .898758 .93411 .94790 .95927 .96851 .97592 .98180 .98639	.09091 .11302 .13869 .16801 .20099 .23750 .27732 .32006 .36525 .41231 .46056 .50930 .55780 .60535 .65127 .69498 .77388 .80841 .89090 .91156 .92911 .94382 .95597 .96588 .97388 .97388	.08333 .10422 .12863 .158645 .22384 .26266 .34915 .34915 .44394 .49279 .54160 .58980 .63652 .68119 .76236 .79811 .83036 .85902 .8458 .85902 .8458 .9788 .9788 .9788 .9788 .98398 .9788	.07692 .09673 .12000 .14692 .17757 .21190 .24977 .29089 .33483 .38107 .42898 .47786 .52698 .62297 .66847 .71151 .75163 .78848 .82183 .85159 .87776 .90045 .90045 .91984 .93619 .94094 .94094 .94094 .94094 .94094 .96094 .97716 .98283 .98724
0.DO 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.10 2.20 2.40 2.50 2.40 2.50 2.70 2.80 2.70 2.80 3.10 3.20 3.30	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .86433 .88493 .90320 .91924 .93319 .94520 .95543 .96407 .97725 .98214 .98610 .999379 .99534 .999534 .999534 .999534 .999534 .999653	.33333 .37408 .47623 .459312 .50282 .58906 .630798 .70922 .74520 .77866 .80941 .83734 .86471 .90422 .93581 .94817 .97424 .93581 .97427	.25000 .28772 .32788 .37006 .41379 .45855 .50376 .54865 .59323 .63638 .67778 .71701 .75373 .78766 .81864 .84656 .87143 .89331 .91233 .92867 .97169 .97169 .97169 .97809 .98321 .997809 .997809 .997809 .997809 .997809 .997809	.20000 .23446 .27192 .31206 .35450 .35450 .494425 .49041 .538224 .62670 .74799 .81513 .84398 .86964 .89218 .91172 .94260 .95449 .97215 .97856 .98768 .9981 .99504 .99504 .99504 .99504 .99743 .99817	.16667 .19823 .23308 .27104 .31177 .35486 .39981 .44605 .49293 .53983 .58608 .63107 .67424 .71510 .75326 .78843 .82040 .84908 .87448 .89669 .91585 .93217 .94590 .95730 .96665 .97423 .98509 .98509 .98509 .98509 .98509 .99560 .99560 .99560	.14286 .17192 .20445 .24032 .27930 .32104 .36509 .41091 .45788 .50536 .55257 .76525 .79713 .64414 .68713 .72763 .76525 .79309 .85870 .888317 .92264 .93805 .97017 .98697 .97712 .9864 .99288 .99288 .99288	.12500 .15193 .18240 .216368 .29403 .33704 .42894 .47660 .52450 .52450 .61828 .66287 .70519 .74480 .78134 .81459 .81459 .84444 .87087 .91385 .93077 .94635 .97411 .98030 .99408 .99408 .99408 .99408	.11111 .13620 .16487 .197187 .27187 .27187 .31380 .40451 .45211 .50030 .59568 .64529 .72652 .76479 .79687 .83144 .85958 .92397 .9338 .95220 .96272 .97125 .97807 .98345 .99089 .99089 .99089 .99089	.10000 .12350 .15058 .18129 .21559 .25332 .29417 .33753 .43070 .47920 .47920 .57569 .62248 .66744 .71001 .749631 .81948 .847531 .81948 .847531 .89836 .91759	.09091 .11302 .13869 .16809 .23750 .27732 .32005 .41231 .46056 .50930 .55780 .60535 .65127 .69498 .73598 .7	.08333 .10422 .12863 .158865 .22386 .26258 .34918 .34918 .44394 .54166 .58982 .63652 .6362 .6362 .6362 .6362 .6362 .6362	.07692 .09673 .12000 .14692 .17757 .21190 .24977 .29989 .33483 .38107 .42898 .57559 .62297 .66847 .71151 .75163 .78848 .82183 .8159 .82183 .87776 .90045 .93619 .94979 .96996 .97716 .98283 .98724
0.DO 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.70 1.00 1.10 1.20 1.30 1.40 1.50 1.70 1.80 1.70 2.20 2.30 2.40 2.70 2.80 2.70 2.80 2.90 3.10 3.20 3.20 3.40	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .84134 .84134 .8433 .88433 .90320 .91924 .93520 .995543 .905543 .905543 .97725 .98214 .98610 .98928 .99379 .99379 .99534 .99610 .99379 .99534 .9965 .999744 .9965 .999744 .9965 .999744 .9965 .999744 .9965 .999744 .9965 .999744 .9965 .999744 .9965 .999744 .9965 .99976	.33333 .37408 .41623 .459312 .54624 .58906 .67092 .74520 .74520 .74520 .74520 .74520 .74520 .74520 .74520 .74520 .74520 .74520 .74520 .74520 .74520 .74520 .86243 .88471 .935817 .935817 .97424 .935817 .97424 .935817 .97424 .935817 .97424 .935817 .97424 .935817 .97424 .979113 .99866 .999113 .99930 .99931 .999866 .99931	.25000 .28772 .32788 .37006 .41379 .45855 .50376 .59323 .63638 .67778 .71701 .75373 .78766 .81864 .84656 .87143 .89331 .91233 .92867 .94253 .95416 .96380 .97169 .97809 .98726 .99618 .99724 .99724 .99803 .99803 .99803	. 20000 . 23446 . 27192 . 31206 . 35450 . 35874 . 44425 . 49041 . 58224 . 62670 . 66944 . 71000 . 74799 . 78309 . 84398 . 86964 . 91172 . 92845 . 92845 . 94260 . 95443 . 97215 . 97215 . 98366 . 98366 . 98366 . 98366 . 98366 . 99081 . 99504 . 99504 . 99504 . 99743 . 99872 . 99872 . 99872 . 99872 . 99872 . 99872	.16667 .19823 .23308 .27104 .31177 .35486 .39981 .53983 .53983 .53983 .63107 .67424 .71510 .75326 .78843 .71510 .75326 .78843 .79510 .795730 .98509 .995730 .98509 .98665 .995730 .98509 .98884 .99173 .99560 .99560 .998884 .99174 .995760	.14286 .17192 .20445 .24032 .27930 .32104 .36509 .41091 .45788 .50536 .55267 .59913 .64414 .72763 .767525 .79973 .83090 .88317 .90442 .92264 .93805 .97017 .97712 .98697 .99032 .99288 .997813	.12500 .15193 .18240 .216378 .29403 .33704 .42894 .47660 .57195 .618287 .70519 .74480 .78134 .81459 .844447 .870819 .98497 .995673 .99497 .998896 .99188896 .99188896 .99188896 .99188896 .99188896 .99188896 .99188896 .99188896 .991888886 .9918888 .991888 .99	.1111 .13620 .16487 .197187 .27187 .271887 .271887 .313820 .40451 .45021 .45021 .54839 .54852 .72652 .72652 .72652 .72652 .73934 .64529 .74679 .79982 .88452 .90597 .93938 .95222 .97125 .97805 .998345 .998345 .998345 .99835 .99835 .999527 .999527	.10000 .12350 .15058 .18129 .21559 .25332 .29417 .38350 .47920 .52770 .575268 .66744 .71001 .74975 .78631 .81948 .87531 .81948 .87531 .8980 .91758 .93411 .94790 .986851 .99730	.09091 .11302 .13869 .120099 .23750 .27732 .32006 .36525 .41231 .46056 .50930 .50930 .50930 .60535 .65127 .69498 .77388 .80841 .89691 .99195 .92911 .94382 .98517 .98517 .98517 .99195 .99195 .99195 .99195	.08333 .10422 .12863 .158645 .22384 .26266 .34915 .349582 .49279 .54160 .58980 .63652 .68119 .76236 .79811 .83036 .85902 .868128 .76236 .79818 .83036 .85902 .88415 .83036 .85902 .88415 .83036 .85902 .88415 .83036 .85902 .88416 .99128 .99128 .99128 .99128 .99128 .99128 .995678	.07692 .09673 .12000 .14692 .17757 .21190 .24977 .29089 .33483 .38107 .42786 .57559 .62297 .66847 .75163 .78188 .85159 .87176 .90984 .93619 .94979 .94979 .94979 .96094 .97916 .98283 .98724 .99063
0.DO 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.10 2.20 2.30 2.40 2.50 2.50 2.80 2.70 2.80 3.10 3.20 3.30	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .86433 .88493 .90320 .91924 .93319 .94520 .95543 .96407 .97725 .98214 .98610 .999379 .99534 .999534 .999534 .999534 .999534 .999653	.33333 .37408 .47623 .459312 .50282 .58906 .630798 .70922 .74520 .77866 .80941 .83734 .86471 .90422 .93581 .94817 .97424 .93581 .97427	.25000 .28772 .32788 .37006 .41379 .45855 .50376 .54865 .59323 .63638 .67778 .71701 .75373 .78766 .81864 .84656 .87143 .89331 .91233 .92867 .97169 .97169 .97169 .97809 .98321 .997809 .997809 .997809 .997809 .997809 .997809	.20000 .23446 .27192 .31206 .35450 .35450 .494425 .49041 .538224 .62670 .74799 .81513 .84398 .86964 .89218 .91172 .94260 .95449 .97215 .97856 .98768 .9981 .99504 .99504 .99504 .99504 .99743 .99817	.16667 .19823 .23308 .27104 .31177 .35486 .39981 .44605 .49293 .53983 .58608 .63107 .67424 .71510 .75326 .78843 .82040 .84908 .87448 .89669 .91585 .93217 .94590 .95730 .96665 .97423 .98509 .98509 .98509 .98509 .98509 .99560 .99560 .99560	.14286 .17192 .20445 .24032 .27930 .32104 .36509 .41091 .45788 .50536 .55257 .76525 .79713 .64414 .68713 .72763 .76525 .79309 .85870 .888317 .92264 .93805 .97017 .98697 .97712 .9864 .99288 .99288 .99288	.12500 .15193 .18240 .216368 .29403 .33704 .42894 .47660 .52450 .52450 .61828 .66287 .70519 .74480 .78134 .81459 .81459 .84444 .87087 .91385 .93077 .94635 .97411 .98030 .99408 .99408 .99408 .99408	.11111 .13620 .16487 .197187 .27187 .27187 .31380 .40451 .45211 .50030 .59568 .64529 .72652 .76479 .79687 .83144 .85958 .92397 .9338 .95220 .96272 .97125 .97807 .98345 .99089 .99089 .99089 .99089	.10000 .12350 .15058 .18129 .21559 .25332 .29417 .33753 .43070 .47920 .47920 .57569 .62248 .66744 .71001 .749631 .81948 .847531 .81948 .847531 .89836 .91759	.09091 .11302 .13869 .16809 .23750 .27732 .32005 .41231 .46056 .36525 .41231 .46056 .50930 .55780 .60535 .65127 .69498 .77388 .80841 .83943 .89090 .91156 .92911 .94382 .95588 .97386 .98020 .98901 .98901 .98901 .99582	.08333 .10422 .12863 .158645 .22384 .26266 .304518 .34915 .34915 .44394 .443279 .54166 .58982 .44394 .72328 .72328 .79811 .83036 .79811 .83036 .79811 .83036 .79811 .83036 .79811 .83036 .79811 .83036 .79811 .83036 .79811 .83036 .79811 .995282 .995387 .995887 .995887 .995866	.07692 .09673 .12000 .14692 .17757 .21190 .24977 .29088 .33483 .38107 .42898 .57559 .62297 .66847 .71151 .75163 .78848 .82183 .78848 .82183 .87776 .90045 .93619 .94979 .94979 .96996 .97716 .98283 .98724

Probability that N standard normal random variables with common correlation  $\rho$  are simultaneously less than or equal to H.

p = .600

< N	1	2	3	4	5	6	7	8	9	10	11	12
	-	-	•	·		_	·	•	•	• •	••	••
.н	İ											
3.50	.00023	.00001	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	00000
3.40	.00034	.00002	.00001	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000
3.30	.00048	.00004	.00001	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000
3.20	.00069	.00006	.00001	.00001	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000
3.10 3.00	.00097	.00009	.00002	.00001	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000
2.90	.00187	.00021	.00006	.00003	.00001	.00001	.00001	.00000	.00000	.00000	.00000	.00000
2.80	.00256	.00032	.00010	.00004	.00002	.00001	.00001	.00001	.00001	.00000	.00000	.00000
2.70 2.60	.00347	.00047	.00015	.00007	-00004	.00002	.00002	.00001	.00001	.00001	.00001	.00000
2.50	.00621	.00101	.00035	.00011	.00006	.00006	.00004	.00002	.00001	.00001	.00001	.00001
2.40	.00820	.00145	.00053	.00026	.00016	.00010	.00007	.00005	.00004	.00003	.00003	.00002
2.30	.01072	.00206	.00078	.00040	.00024	.00016	.00012	.00009	.00007	.00005	.00004	.00004
2.20 2.10	.01390	.00289	.00115	.00060	.00037	.00025	.00018	.00014	.00011	.00009	.00007	.00006
2.00	.02275	.00550	.00237	.00132	.00084	.00059	.03044	.00034	.00027	.00022	.00019	.00016
1.90	.02872	.00747	.00335	.00191	.00124	.00088	.00066	.00052	.00042	.00035	.00029	.00025
1.80	.03593	.01003	.00468	.00274	.00182	.00131	.00099	.00078	.00064	.00053	.00045	.00039
1.60	.05480	.01753	.00645	.00387	.00262	.00191	.00147	.00117	.00096	.00081	.03069	.00050
1.50	.06681	.02279	.01186	.00747	.00523	.00392	.00308	.00251	.00209	.00178	.00154	.00135
1.40	.08076	.02933	.01581	.01018	.00725	.00551	.00438	.00359	.00302	.00259	.00226	.00199
1.30 1.20	.09680	.03736	.02082	.01372	.00994	.00765	.00614	.00509	.00431	.00372	.00326	.00290
1.10	.13567	.05873	.03492	.02403	.01798	.01420	.01164	.00981	.00844	.00738	.00655	.00587
1.00	-15866	.07253	.04447	.03125	.02375	.01898	.01572	.01336	.01158	.01019	.00909	.00819
0.90	.18406	.08866	.05601	.04017	.03099	.02507	.02096	.01796	.01568	.01389	.01246	.01128
0.80 0.70	.21186	.10731	.06978	.05104	.03996	.03271	.02761	.02385	.02097	.01869	.01685	.01533
0.60	.27425	.15270	.10488	.07965	.06416	.05370	.04618	.04052	.03610	.03256	.02966	.02724
0.50	.30854	.17956	.12657	.09786	.07989	.06759	.05864	.05184	.04649	.04217	.03862	.03563
0.40 0.30	.34458	.20919	.15118	.11893	.09837	.08410	.07360	.06553	.05915	.05395	.04965	.04602
0.20	. 42074	. 27631	.17876 .20927	.14299	.11978 .14425	.10344	.09128	.08187	.07434	.06819	.06305	.05869
0.10	.46017	.31338	.24262	.20030	.17186	.15130	.13567	.12334	.11334	.10505	.09804	.09204
0.00	-50000	. 35242	.27862	.23345	. 20259	.17999	.16263	.14882	.13753	.12810	.12009	.11320
h	1	2	3	4	5	6	7	8	9	10	1.1	1 2
н \												
0.00	•50000	.35242	•27862	.23345	.20259	•17999	.16263	•14882	•13753	.12810	.12009	.11320
0.10	•53983	.39304	.31701	.26941	• 23636	-21185	19282	17756	.16499	.15442	.14540	.13759
0.20	•57926	.43482	.35742	•30790	.27297	.24674	• 22618	.20954	.19573	.18406	.17404	.16532
0.30	•61751 •65542	•47732 •52003	•39946 •44266	•34B59 •39105	•31214 •35352	.28445 .32466	.26252	• 24463	.22969	.21698	.20600	.19639
0.50	69146	.56248	48650	43480	• 39665	.36699	•30160 •34305	•28263 •32321	.26668 .30641	.25302 .29194	.24116 .27930	.23073 .26815
0.60	•72575	.60419	•53046	•47931	• 44104	•41094	.38644	.36596	•34851	.33339	.32012	.30835
0.70 0.80	•75804 •78814	•64470 •68360	•57400 •61660	•52403	•48612 •53133	• 45599	•43123	•41039	.39251	• 37693	.36319	.35095
0.90	81594	• 72054	•65780	•56840 •61187	•57608	•50155 •54704	•47688 •52277	•45595 •50204	•43788 •48402	•42204 •46815	.40801 .45402	.39545
1.00	.84134	• 75521	.69715	•65392	•61982	•59186	56830	.54804	•53032	.51463	.50059	.48791
1.10	•86433 •88493	• 78740 • 81604	•73429 •76893	•69410	•66202	.63545	.61289	• 59334	•57616	•56086	.54710	.53462
1.30	.90320	.81694 .84376	• 80085	• 73203 • 76739	• 70222 • 74004	•67730 •71697	•65598 •69707	•63738 •67961	•62093 •66407	•60621	.59291	.58080 62584
1.40	.91924	.86782	.82993	79994	•77516	.75408	• 73576	•71958	.70510	.65010 .69202	.63743	.62584 .66916
1.50	.93319	88919	.85610	•82955	.80739	• 78836	• 77171	• 75691	• 74361	• 73152	.72046	.71027
1.60	•94520 •95543	•90793 •92420	.87938 .89984	.85616 .87979	.83658 .86269	.81963 .84778	.80469 .83455	.79133 .82266	.77926 .81185	•76825 •80194	.75813 .79281	•74876
1.80	.96407	•93817	.91763	90050	.88577	.87282	.86125	.85079	.84124	.83245	.82431	.78432 .81673
1.90	•97128	95004	•93291	•91846	•90591	.89481	.88482	.87574	.86742	e85972	.85256	.84587
2.00	•97725 •98213	•96000 •96828	•94588 •95677	•93383 •94684	.92328	•91387	• 90536	.89759	.89042	.88377	.87756	.87173
2.20	.98610	•97508	•96580	•95772	•93808 •95052	•93020 •94402	.92304 .93807	.91647 .93258	•91038 •92747	•90470 •92269	.89938 .91820	.89438 .91396
2.30	•98928	• 98061	•97321	•96671	•96087	• 95556	95068	.94615	94192	93795	93421	.93066
2.50	•99180	98505	•97922	.97405	.96937	•96509	96114	95745	•95399	.95073	.94765	.94472
2.50 2.60	•99379	• 98659 • 99137	•98405 •98787	•97998 •98471	•97628 •98181	.97287 .97913	•96970 •97662	.96673	•96394 •97204	•96130	95880	95641
2.70	•99653	99354	•99087	98844	• 98620	.98411	.98216	•97427 •98031	•97204 •97856	•96993 •97689	.96792 .97530	.96600 .97378
2.80	.99744	• 99521	•99319	•99135	• 98964	•98803	• 98652	.98509	.98373	.98243	.98119	97999
2.90 3.00	•99813 •99865	•99648 •99744	•99498 •99633	•99359	•99230	.99108	98993	98894	98779	.98679	.98583	.98490
3.10	199903	99816	•99735	•99530 •99659	•99433 •99588	•99342 •99520	• 99255 • 99455	•99173 •99394	•99094 •99334	•99017 •99277	.98944 .99222	•98873 •99169
3.20	•99931	• 99868	•99810	99755	•99703	•99653	99606	99560	.99516	.99474	.99433	•99169
3.30	•99952	•99907	•99865	•99826	•99788	•99752	.99718	99685	•99652	•99621	99591	.99562
3.40 3.50	•99966	• 99935 • 99955	•99905 •99934	•99877 •99915	•99851 •99896	•99825 •99877	•99800 •99860	•99776 •99843	•99753	•99730	•99708	99687
	1					•	• • • • • • • •	*******	•99826	•99810	•99794	.99779

Table II

Probability that N standard normal random variables with common correlation  $\rho$  are simultaneously less than or equal to H.

/"	1	2	3	4	5	6	7	8	9	10	11	12
- н												
3.50	•00023	•00002	•00000	•00000	•00000	•00000	•00000	•00000	•00000	•00000	•00000	•00000
3.40	•00034	•00003	•00001	•00000	•00000	•00000	•00000	• 00000	•00000	•00000	•00000	.00000
3.30	·00048	•00004	.00001	•00000	•00000	•00000	•00000	• 00000	•00000	•00000	•00000	•00000
3.10	.00069 .00097	•00007 •00010	.00002 .00003	.00001	•00000 •00001	•00000	•00000	•00000	•00000	•00000	•00000	.00000
3.00	•00135	•00016	•00005	•00002	•00001	•00001	•00000	•00000	•00000	•00000	•00000	•00000
2.90 2.80	•00187	.00024	.00008	•00003	•00002	•00001	•00001	• 000001	•00000	•00000 •00001	.00000	•00000
2.70	•00256 •00347	•00036 •00053	.00012 .00018	•00006	•00003 •00005	•00002 •00003	•00001 •00002	•00001 •00002	•00001 •00001	•00001	.00001	•00001
2.60	•00466	•00077	•00028	•00014	•00008	.00005	•00004	•00003	•00002	•00002	.00001	.00001
2 • 50	.00621	•00111	.00042	•00021	.00013	.00009	•00006	• 00005	•00004	•00003	•00002	.00002
2.40	•00820	.00159	•00062	•00032 •00049	•00020	•00013	.00010	.00007 .00012	•00006 •00009	+00005 +00008	•00004 •00006	•00005
2.20	•01072 •01390	.00224 .00314	•00091 •00132	.00073	•00031 •00046	.00021 .00032	.00015	•00019	.00015	•00012	.00010	•00009
2.10	·01786	.00433	•00190	.00107	•00070	•00049	•00037	• 00029	•00023	•00019	+00016	+00014
2.00	.02275	.00592	.00269	•00155	•00103	•00074	•00056	• 00044	•00036	•00030	.00026	.00022
1.90	.02872 .03593	.00801 .01071	•00378 •00524	.00224 .00318	•00151 •00217	•00109 •00160	.000B4	.00067 .00100	•00055 •00083	•00046 •00070	•00060	.00053
1 • 70	•04457	.01417	•0071B	.00446	.00310	.00231	.00181	.00147	.00123	+00104	•00090	• 00079
1.60	•05480	•01855	•00973	.0061B	•00437	•00330	•00261	.00214	·00180	-00154	.00134	-00118
1.50	•06681	•02404	•01303	•00846	.00607	.00465	.00372	•00307 •00436	•00260 •00371	.00224 .00322	•00196 •00284	.00174 .00253
1.30	.08076 .09680	.03083 .03912	.01725 .02259	.01144 .01530	.00835	.00647 .00890	.00523	.00610	,00523	·00457	.00405	.00362
1.20	.11507	.04914	.02926	•02023	.01522	·0120B	• 00995	. 00843	.00728	•00640	•00570	.00512
1.10	•13567	+06111	•0374B	.02643	.02018	•01620	•01348	• 01150	•01001	•00885	•00792	•00716 •00987
0.90	•15866 •18406	•07523 •09171	•04748 •05951	•03414	•02644 •03425	.02148 .02812	.01803	•01551 •02065	•01358 •01821	•01208 •01628	•01086 •01472	.01343
0.80	-21186	•11070	.07380	•04361 •05507	.04385	.03640	.03110	.02716	.02410	.02167	.01969	-01805
0.70	•24196	•13234	•09056	•06879	+05550	.04655	.04013	.03529	.03152	.02850	.02602	.02395
0 • 60 0 • 50	.27425	•15672	•10997	.08499	•06945	.05886	.05116	.04532	•04072	•03702	.03396	.03140 .04065
0.40	•30854 •34458	.18387 .21375	•1,3219 •15730	•10387 •12561	•08595 •10521	•07357 •09092	.06447 .08032	.05751 .07212	.05199 .06559	+04751 +06024	.04379 .05578	•05200
0.30	•38209	.24626	18534	.15031	.12739	.11112	.09893	.08942	.08178	.07549	.07021	•06572
0.20	.42074	.28122	.21625	•17803	• 15260	• 13432	. 12049	. 10961	·10080	•09350	.08734	.08207
0.10	•46017 •50000	•31838 •35745	•24993 •28618	•20875 •24234	•18089 •21224	• 16063 • 19007	.14514 .17295	.13285 .15926	•12283 •14802	•11448 •13860	•10740 •13056	•10131 •12362
\\	1	2	3	4	5	6	7	8	9	10	11	12
н ,												
0.00	E0000	25746	20610	. 24 2 3 4	-2122A	. 19007	.17295	. 15926	-14802	.13860	.13056	.12362
	•50000 •53983	•35745 •39804	•28618 •32471	•24234 •27864	•21224 •24651	•19007 •22257	.17295 .20391	•15926 •18886	•14802 •17643	•13860 •16594	.13056 .15694	.14913
0.20	•50000 •53983 •57926	•35745 •39804 •43974	•28618 •32471 •36518	•24234 •27864 •31736	•24651 •28351	.22257 .25800	•20391 •23792	.18886 .22160	•17643 •20803	•16594 •1965!	.15694 .18658	.14913 .17791
0.20 0.30	•53983 •57926 •61791	•39804 •43974 •48208	•32471 •36518 •40717	•27864 •31736 •35815	•24651 •28351 •32294	.22257 .25800 .29610	.20391 .23792 .27479	.18886 .22160 .25733	.17643 .20803 .24271	•16594 •1965! •23023	.15694 .18658 .21942	.14913 .17791 .20994
0.20 0.30 0.40	•53983 •57926 •61791 •65542	•39804 •43974 •48208 •54259	•32471 •36518 •40717 •45021	•27864 •31736 •35815 •50059	•24651 •28351 •32294 •36443	.22257 .25800 .29610 .33656	.20391 .23792 .27479 .31423	.18886 .22160 .25733 .29580	.17643 .20803 .24271 .28027	•16594 •1965!	.15694 .18658	.14913 .17791
0.20 0.30 0.40 0.50	•53983 •57926 •61791 •65542 •69146	•39804 •43974 •48208 •54259 •56680	•32471 •36518 •40717 •45021 •49381	.27864 .31736 .35815 .50059	•24651 •28351 •32294	.22257 .25800 .29610	.20391 .23792 .27479	.18886 .22160 .25733	.17643 .20803 .24271	.16594 .19651 .23023 .26693 .30634 .34808	.15694 .18658 .21942 .25532 .29404 .33523	.14913 .17791 .20994 .24510 .28316 .32381
0.20 0.30 0.40 0.50 0.60 0.70	•53983 •57926 •61791 •65542	•39804 •43974 •48208 •54259	.32471 .36518 .40717 .45021 .49381 .53744	.27864 .31736 .35815 .50059 .44419 .48843	.24651 .28351 .32294 .36443 .40753 .45173	.22257 .25800 .29610 .33656 .37897 .42283	.20391 .23792 .27479 .31423 .35587 .39927 .44390	.18886 .22160 .25733 .29580 .33668 .37954 .42389	.17643 .20803 .24271 .28027 .32040 .36270 .40670	.16594 .19651 .23023 .26693 .30634 .34808 .39170	.15694 .18658 .21942 .25532 .29404 .33523 .37845	.14913 .17791 .20994 .24510 .28316 .32381 .36663
0.20 0.30 0.40 0.50 0.60 0.70	•53983 •57926 •61791 •65542 •69146 •72575 •75804 •78814	•39804 •43974 •48208 •54259 •56680 •60822 •64842 •68699	.32471 .36518 .40717 .45021 .49381 .53744 .58058	.27864 .31736 .35815 .50059 .44419 .48843 .53276	.24651 .28351 .32294 .36443 .40753 .45173 .49649	.22257 .25800 .29610 .33656 .37897 .42283 .46763	.20391 .23792 .27479 .31423 .35587 .39927 .44390	.18886 .22160 .25733 .29580 .33668 .37954 .42389	.17643 .20803 .24271 .28027 .32040 .36270 .40670	.16594 .19651 .23023 .26693 .30634 .34808 .39170 .43669	.15694 .18658 .21942 .25532 .29404 .33523 .37845 .42321	.14913 .17791 .20994 .24510 .28316 .32381 .36663
0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90	•53983 •57926 •61791 •65542 •69146 •72575 •75804 •78814 •81594	•39804 •43974 •48208 •54259 •56680 •60822 •64842 •68699 •72359	.32471 .36518 .40717 .45021 .49381 .53744 .58058 .62273	.27864 .31736 .35815 .50059 .44419 .48843 .53276 .57665	.24651 .28351 .32294 .36443 .40753 .45173 .49649 .54124	.22257 .25800 .29610 .33656 .37897 .42283 .46763 .51280	.20391 .23792 .27479 .31423 .35587 .39927 .44390	.18886 .22160 .25733 .29580 .33668 .37954 .42389	.17643 .20803 .24271 .28027 .32040 .36270 .40670	.16594 .19651 .23023 .26693 .30634 .34808 .39170 .43669 .48246	.15694 .18658 .21942 .25532 .29404 .33523 .37845 .42321 .46894 .51503	.14913 .17791 .20994 .24510 .28316 .32381 .36663 .41114 .45677 .50294
0.20 0.30 0.40 0.50 0.60 0.70	•53983 •57926 •61791 •65542 •69146 •72575 •75804 •78814	•39804 •43974 •48208 •54259 •56680 •60822 •64842 •68699	.32471 .36518 .40717 .45021 .49381 .53744 .58058	.27864 .31736 .35815 .50059 .44419 .48843 .53276	.24651 .28351 .32294 .36443 .40753 .45173 .49649	.22257 .25800 .29610 .33656 .37897 .42283 .46763	.20391 .23792 .27479 .31423 .35587 .39927 .44390 .48921 .53460 .57950	.18886 .22160 .25733 .29580 .33668 .37954 .42389 .46918 .51482 .56022	.17643 .20803 .24271 .28027 .32040 .36270 .40670 .45187 .49762 .54336	.16594 .19651 .23023 .26693 .30634 .34808 .39170 .43669 .48246 .52842	.15694 .18658 .21942 .25532 .29404 .33523 .37845 .42321 .46894 .51503	.14913 .17791 .20994 .24510 .28316 .32381 .36663 .41114 .45677 .50294 .54902
0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10	.53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433	.39804 .43974 .48208 .54259 .56680 .60822 .64842 .68699 .72359 .75792 .78978	.32471 .36518 .40717 .45021 .49381 .53744 .58058 .62273 .66343 .70225 .73886 .77297	.27864 .31736 .35815 .50059 .44419 .48843 .53276 .57665 .61956 .66100 .70053 .73779	.24651 .28351 .32294 .36443 .40753 .45173 .49649 .54124 .58543 .62652 .67000 .70945	.22257 .25800 .29610 .33656 .37897 .42283 .46763 .51280 .55775 .60192 .64477 .68581	.20391 .23792 .27479 .31423 .3587 .39927 .44390 .48921 .53460 .57950 .62334	.18886 .22160 .25733 .29580 .33668 .37954 .42389 .46918 .51482 .56022 .60479	.17643 .20803 .24271 .28027 .32040 .36270 .40670 .45187 .49762 .54336 .58847	.16594 .1965! .23023 .26693 .30634 .34808 .39170 .43669 .48246 .52842 .57394	.15694 .18658 .219532 .25532 .29404 .33523 .37845 .42321 .46894 .51503 .56087	.14913 .17791 .20994 .24510 .28316 .32381 .36663 .41114 .45677 .50294 .54902 .59439
0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30	.53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .88493	.39804 .43974 .48208 .54259 .56680 .60822 .64842 .68699 .72359 .75792 .78978 .81901	.32471 .36518 .40717 .45021 .49381 .53744 .58058 .62273 .66343 .70225 .73886 .77297	.27864 .31736 .35815 .50059 .44419 .48843 .53276 .61956 .66100 .70053 .73779	.24651 .28351 .32294 .36443 .40753 .45173 .49649 .54124 .58543 .62852 .67000 .70945	.22257 .25800 .29610 .33656 .37897 .42283 .46763 .51280 .55775 .60192 .64477 .68581 .72463	.20391 .23792 .27479 .31423 .3587 .39927 .44390 .48921 .53460 .57950 .62334 .66560	.18886 .22160 .25733 .29580 .33668 .37954 .42389 .46918 .51482 .56022 .60479 .64798	.17643 .20803 .24271 .28027 .32040 .36270 .40670 .45187 .49762 .54336 .58847 .63240	.16594 .19651 .23023 .26693 .30634 .34808 .39170 .43669 .48246 .52842	.15694 .18658 .21942 .25532 .29404 .33523 .37845 .42321 .46894 .51503	.14913 .17791 .20994 .24510 .28316 .32381 .36663 .41114 .45677 .50294 .54902
0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10	.53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .81594 .84134 .86433 .88493 .90320 .91924	.39804 .43974 .48208 .54259 .56680 .60822 .64842 .68699 .72359 .75792 .78978 .81901 .84552 .86931	.32471 .36518 .40717 .45021 .49381 .53744 .58058 .62273 .66343 .70225 .73886 .77297 .80438 .83296	.27864 .31736 .35815 .50059 .44419 .48843 .53276 .57665 .61956 .66100 .70053 .73779 .73779 .80438	.24651 .28351 .32294 .36443 .40753 .45173 .49649 .54124 .58543 .62652 .67000 .70945	.22257 .25800 .29610 .33656 .37897 .42283 .46763 .51280 .55775 .60192 .64477 .68581	.20391 .23792 .27479 .31423 .3587 .39927 .44390 .48921 .53460 .57950 .62334	.18886 .22160 .25733 .29580 .33668 .37954 .42389 .46918 .51482 .56022 .60479	.17643 .20803 .24271 .28027 .32040 .36270 .40670 .45187 .49762 .54336 .58847 .63240 .67461 .71464 .75212	• 16594 • 19651 • 23023 • 26693 • 30634 • 34808 • 39170 • 43669 • 48246 • 52842 • 57394 • 61846 • 66141 • 70231	.15694 .18658 .21942 .25532 .29404 .33523 .37845 .42321 .46894 .51503 .60586 .64943 .69107 .73034	.14913 .17791 .20994 .24510 .28316 .32381 .36663 .41114 .45677 .50294 .54902 .59439 .63848 .68076 .72076
0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50	.53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .86433 .90320 .91924 .93319 .94520	.39804 .43974 .48208 .54259 .56680 .60822 .64842 .68699 .72359 .75792 .78978 .81901	.32471 .36518 .40717 .45021 .49381 .53744 .58058 .62273 .66343 .70225 .73886 .77297 .80438 .83296 .85868 .88154	.27864 .31736 .35815 .50059 .44419 .48843 .53276 .57665 .61956 .66100 .70053 .73779 .77248 .80438 .83337 .85941	.24651 .28351 .32294 .36443 .40753 .45173 .49649 .54124 .58543 .62852 .67000 .70945 .74650 .78086 .7	. 22257 . 25800 . 29610 . 33656 . 37897 . 42283 . 46763 . 551280 . 55775 . 60192 . 64477 . 68581 . 72463 . 76089 . 79433 . 82479	.20391 .23792 .27479 .31423 .35587 .39927 .44390 .48921 .53460 .57950 .62334 .66560 .70580 .77861 .81069	.18886 .22160 .25733 .29580 .33668 .37954 .42389 .46918 .51482 .56022 .60479 .64798 .68929 .72829 .72829	.17643 .20803 .24271 .28027 .32040 .36270 .40670 .45187 .49762 .54336 .58847 .63240 .67461 .71464 .75212	• 16594 • 19651 • 23023 • 26693 • 30634 • 34808 • 39170 • 43669 • 48246 • 52842 • 57394 • 61846 • 66141 • 70231 • 77640	.15694 .18658 .21942 .25532 .29404 .33523 .37845 .42321 .46894 .51503 .56087 .60586 .64943 .69107 .73034 .76690	.14913 .17791 .20994 .24510 .28316 .32381 .36663 .41114 .45677 .50294 .59439 .63848 .68076 .72076
0.20 0.30 0.40 0.50 0.60 0.70 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.50	.53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .84134 .86433 .88433 .90320 .91924 .93319 .94520	.39804 .43974 .48208 .54259 .56680 .60822 .64842 .68699 .72359 .75792 .78978 .81901 .84552 .86931 .89043 .9080	.32471 .36518 .40717 .45021 .49381 .53744 .58058 .62273 .66343 .70225 .73886 .77297 .80438 .83296 .85868 .88154	.27864 .31736 .35815 .50059 .44419 .48843 .53276 .57665 .66100 .70053 .73779 .77248 .80438 .83337 .88941 .88250	.24651 .28351 .32294 .36443 .40753 .45173 .49649 .54124 .58543 .62852 .67000 .70945 .74650 .78086 .81233 .84082 .86628	.22257 .25800 .29610 .33656 .37897 .42283 .46763 .51280 .55775 .60192 .64477 .68581 .72463 .76089 .79433 .82479 .85218	.20391 .23792 .27479 .31423 .35587 .39927 .44390 .48921 .53460 .62334 .66560 .70580 .74357 .77661 .81069 .83970	.18886 .22160 .25733 .29580 .33668 .37954 .42389 .46918 .51482 .56022 .60479 .64798 .68929 .72829 .76465 .7981 .82851	.17643 .20803 .24271 .28027 .32040 .36270 .40670 .45187 .49762 .54336 .58847 .63240 .67461 .71464 .75212 .78675 .81835	• 16594 • 19651 • 23023 • 26693 • 30634 • 34808 • 39170 • 43669 • 48246 • 52842 • 57394 • 66141 • 70231 • 77640 • 80905	.15694 .18658 .21942 .25532 .29404 .33523 .37845 .42321 .46894 .51503 .56087 .60586 .64943 .69107 .73034 .76690 .80048	.14913 .17791 .20994 .24510 .28316 .32381 .36663 .41114 .45677 .50294 .54902 .59439 .63848 .68076 .72076
0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70	.53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543	.39804 .43974 .48208 .54259 .56680 .60822 .64842 .68699 .72359 .75792 .7878 .81901 .84552 .86931 .89043 .90896 .923895	.32471 .36518 .40717 .45021 .49381 .53744 .58058 .66243 .70225 .73886 .83296 .88154 .90164	.27864 .31736 .35815 .50059 .44419 .48843 .53276 .57665 .61956 .66100 .70053 .73779 .77248 .80438 .83337 .85941 .88250 .90275	.24651 .28351 .32294 .36443 .40753 .49649 .58543 .62852 .67000 .70945 .74650 .78086 .81233 .84082 .86628 .88877	. 22257 . 25800 . 29610 . 33656 . 37897 . 42283 . 46763 . 515775 . 60192 . 64477 . 64581 . 72463 . 76089 . 79433 . 82479 . 85218 . 87652	.20391 .23792 .27479 .31423 .35587 .44390 .48921 .53460 .57950 .62334 .66560 .70580 .74357 .77861 .81069 .83970	.18886 .22160 .25733 .29580 .33668 .37954 .42389 .46918 .51482 .56022 .60479 .64798 .68929 .72829 .7	.17643 .20803 .24271 .28027 .32040 .36270 .40670 .45187 .49762 .54336 .58847 .63240 .67461 .71464 .75212	• 16594 • 19651 • 23023 • 26693 • 30634 • 34808 • 39170 • 43669 • 48246 • 52842 • 57394 • 61846 • 66141 • 70231 • 77640	.15694 .18658 .21942 .25532 .29404 .33523 .37845 .42321 .46894 .51503 .56087 .60586 .64943 .69107 .73034 .76690 .80048	.14913 .17791 .20994 .24510 .28316 .32381 .36663 .41114 .45677 .50294 .59492 .59499 .63848 .68076 .72076 .72076 .72078 .7
0.20 0.30 0.40 0.50 0.60 0.70 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.50	.53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .84134 .86433 .88433 .90320 .91924 .93319 .94520	.39804 .43974 .48208 .54259 .56680 .60822 .64842 .68659 .72359 .75792 .78978 .81901 .84552 .86931 .89043 .90896 .92504 .93895 .93895	.32471 .36518 .40717 .45021 .49381 .53744 .58058 .62273 .66343 .70225 .73886 .77297 .80438 .83296 .85868 .88154	.27864 .31736 .35815 .50059 .44419 .48843 .53276 .57665 .66100 .70053 .73779 .77248 .80438 .83337 .85941 .88250 .90275 .92029 .93531	.24651 .28351 .32294 .36443 .40753 .45173 .49649 .54124 .58543 .62852 .67000 .70945 .74650 .78086 .81233 .84082 .86628 .88877 .90838	.22257 .25800 .29610 .33656 .37897 .42283 .46763 .51280 .55775 .60192 .64477 .68581 .72463 .76089 .79433 .82479 .85218 .87652 .9188 .91639	.20391 .23792 .27479 .31423 .35587 .39927 .44390 .48921 .53460 .62334 .66560 .70580 .70580 .74357 .77661 .81069 .83970 .86561	.18886 .22160 .25733 .29580 .33668 .37954 .42389 .46918 .51482 .56022 .60479 .64798 .68929 .72829 .76465 .7981 .82851 .85577 .87992 .90105	.17643 .20803 .24271 .28027 .32040 .36270 .40670 .45187 .49762 .54336 .58847 .63240 .67461 .71464 .75212 .7865 .81835 .81835 .84680 .87211	• 16594 • 19651 • 23023 • 26693 • 30634 • 34808 • 39170 • 43669 • 48246 • 52842 • 57394 • 66141 • 70231 • 74074 • 77640 • 80905 • 83856 • 86489 • 88809	.15694 .18658 .21942 .25532 .29404 .33523 .37845 .42321 .46894 .51503 .56087 .60586 .64943 .69107 .73034 .76690 .80048 .83093 .85819 .8228	.14913 .17791 .20994 .24510 .28316 .32381 .36663 .41114 .45677 .50294 .59439 .63848 .68076 .75811 .79253 .82383 .85194
0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.10	.53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214	.39804 .43974 .48208 .54259 .56680 .60822 .64842 .68699 .72359 .75792 .78978 .81901 .84552 .86931 .89043 .90896 .9256 .9256 .9256 .9256 .926642 .94860	.32471 .36518 .40717 .45021 .49381 .53744 .58058 .62273 .70225 .73886 .83296 .88154 .90164 .91909 .93409 .94682 .95751	.27864 .31736 .35815 .50059 .44419 .48843 .53276 .57665 .61956 .66100 .70053 .73779 .77248 .80438 .83337 .85941 .88250 .90275 .92029 .93531	.24651 .28351 .32294 .36443 .40753 .49649 .58543 .62852 .67000 .70945 .74650 .78086 .81233 .84082 .86628 .88877 .90838 .925968	. 22257 . 25800 . 29610 . 33656 . 37897 . 42283 . 46763 . 51280 . 55775 . 60192 . 64477 . 68581 . 72463 . 76089 . 79433 . 82479 . 8524 . 89788 . 87652 . 89788 . 99788 . 99788	.20391 .23792 .27479 .31423 .35587 .44390 .48921 .53460 .57950 .62334 .66560 .70580 .74357 .77861 .81069 .83970 .88846 .90836	.18886 .22160 .25733 .29580 .33668 .37954 .42389 .46918 .51482 .56022 .60479 .64798 .68929 .72829 .72929 .7	.17643 .20803 .24271 .28027 .32040 .36270 .40670 .45187 .49762 .54336 .58847 .63240 .67461 .71464 .75212 .78675 .81680 .87211 .89432	• 16594 • 19651 • 23023 • 26693 • 30634 • 34808 • 39170 • 48646 • 52842 • 57394 • 66141 • 70231 • 74074 • 77640 • 80905 • 88489 • 88809 • 90826	.15694 .18658 .21942 .25532 .29404 .33523 .37845 .4251 .46894 .51503 .56087 .60586 .64943 .69107 .73034 .76690 .80048 .83093 .85819 .8828	.14913 .17791 .20994 .24510 .28316 .32381 .33663 .41114 .45677 .50294 .59439 .63848 .68076 .72076 .75811 .79233 .82383 .83194 .87684
0.20 0.30 0.40 0.50 0.60 0.70 0.80 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.10	.53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725	.39804 .43974 .48208 .54259 .56680 .60822 .64842 .68699 .72359 .75792 .78978 .81910 .84552 .86931 .89043 .90896 .92504 .93895 .95057 .96042 .96042	.32471 .36518 .40717 .45021 .49381 .53744 .58058 .62273 .66343 .70225 .73886 .77297 .80438 .83296 .88154 .90164 .9199 .93409 .94682 .95751	.27864 .31736 .35815 .50059 .44419 .48843 .53276 .57665 .61956 .66100 .70053 .7377248 .80438 .83337 .7248 .89941 .88250 .90275 .92029 .93531 .94802	.24651 .28351 .32294 .36443 .40753 .49649 .54124 .58543 .62852 .67000 .70945 .74650 .78086 .81233 .84082 .86628 .88628 .88628 .88677 .90838 .92529 .9398 .95180	. 22257 . 22800 . 29610 . 33656 . 37897 . 42283 . 46763 . 51280 . 55775 . 60192 . 64477 . 68581 . 72463 . 76089 . 79433 . 82479 . 85218 . 87652 . 89788 . 99788 . 991639 . 994563	.20391 .23792 .27479 .31423 .35587 .39927 .44390 .48921 .53460 .57950 .62334 .66560 .70580 .70580 .77861 .81069 .83970 .8656 .90836 .92548	.18886 .22160 .25733 .29580 .33668 .37954 .42389 .46918 .51482 .56022 .60479 .6479 .64929 .72829 .72829 .72829 .78851 .8551 .8551 .8551 .87992 .90105 .9192	.17643 .20803 .24271 .28027 .32040 .36270 .40670 .45187 .49762 .54336 .58847 .63240 .67461 .71464 .75212 .78675 .81835 .84680 .87211 .89432 .91358	• 16594 • 19651 • 23023 • 26693 • 30634 • 34808 • 39170 • 43669 • 48246 • 52842 • 57394 • 66141 • 70231 • 74074 • 77640 • 80905 • 83856 • 86489 • 88809	.15694 .18658 .21942 .25532 .29404 .33523 .37845 .42321 .46894 .51503 .56087 .60586 .64943 .69107 .73034 .76690 .80048 .83093 .85819 .8228	.14913 .17791 .20994 .24510 .28316 .32381 .36663 .41114 .45677 .50294 .54902 .59439 .63848 .68076 .72076 .73811 .79253 .82383 .82383 .82194 .87584 .89662 .91742
0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.10 2.20 2.30	.53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214	.39804 .43974 .48208 .54259 .56680 .60822 .68699 .72359 .72359 .78978 .81901 .84552 .86931 .89043 .92504 .93895 .95504 .93895 .95054 .96860 .97533 .98880	.32471 .36518 .40717 .45021 .49381 .53744 .58058 .62273 .70225 .73886 .83296 .88154 .90164 .91909 .93409 .94682 .95751	.27864 .31736 .35815 .50059 .44419 .48843 .53276 .57665 .61956 .66100 .70053 .73779 .77248 .80438 .83337 .85941 .88250 .90275 .92029 .93531	.24651 .28351 .32294 .36443 .40753 .49649 .58543 .62852 .67000 .70945 .74650 .78086 .81233 .84082 .86628 .88877 .90838 .925968	. 22257 . 22800 . 29610 . 33656 . 37897 . 42283 . 46763 . 51280 . 55775 . 60192 . 64477 . 68581 . 72463 . 76089 . 79433 . 82479 . 85218 . 87652 . 89788 . 99788 . 991639 . 994563	.20391 .23792 .27479 .31423 .35587 .39927 .44390 .48921 .53460 .57950 .62334 .66560 .70580 .70580 .77861 .81069 .83970 .8656 .90836 .92548	.18886 .22160 .25733 .29580 .33668 .37954 .42389 .46918 .51482 .56022 .60479 .68929 .72829 .72929 .7	.17643 .20803 .24271 .28027 .32040 .36270 .40670 .45187 .49762 .54336 .58847 .67461 .71464 .75212 .78675 .81835 .84680 .87211 .89432 .891358 .93006 .94399 .95562	• 16594 • 19651 • 23023 • 26693 • 30634 • 34808 • 39170 • 48646 • 52842 • 57394 • 66141 • 70231 • 74074 • 77640 • 80805 • 86489 • 88809 • 90826 • 92558 • 94027 • 95256	.15694 .18658 .21942 .25532 .29404 .33523 .37845 .42321 .51503 .56087 .60586 .64943 .69107 .73034 .76690 .80048 .83093 .85819 .85819 .85819 .89329 .92138 .93676	.14913 .17791 .20994 .24510 .28316 .32381 .33663 .41114 .45677 .50294 .59490 .59439 .63848 .68076 .72076 .7
0.20 0.40 0.40 0.50 0.60 0.70 0.80 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.10 2.20 2.30 2.40 2.50	.53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214 .98610 .98928 .99130	.39804 .43974 .48208 .54259 .56680 .60822 .64842 .68699 .72359 .75792 .78978 .8191 .84552 .86931 .89043 .90896 .92504 .93895 .95057 .96042 .96	.32471 .36518 .40717 .45021 .49381 .53744 .58058 .62273 .66343 .70225 .73886 .77297 .80438 .83154 .90164 .91909 .93409 .93409 .93409 .94682 .957365 .97365	.27864 .31736 .35815 .50059 .44419 .48843 .53276 .57665 .61956 .66100 .70053 .73779 .77248 .80438 .83337 .73779 .77248 .80438 .83941 .88250 .90275 .92029 .93531 .94802 .95864 .96742 .978639	.24651 .28351 .32294 .36443 .40753 .49649 .54124 .58543 .62852 .67000 .70945 .74650 .78086 .81233 .8	.22257 .25800 .29610 .33656 .37897 .42283 .46763 .51280 .55775 .60192 .64477 .68581 .72463 .76089 .79437 .89218 .87628 .91639 .91639 .9263 .9263 .9263 .9263	.20391 .23792 .27479 .31423 .35587 .39927 .44390 .48921 .53460 .57950 .62334 .66560 .70580 .70580 .70580 .70580 .83970 .86561 .81069 .83970 .86846 .90836 .92548 .94002 .95222 .96234 .97062	.18886 .22160 .25733 .29580 .33668 .37954 .42389 .46918 .51482 .56022 .60479 .6479 .64929 .72829 .72929 .72	.17643 .20803 .24271 .28027 .32040 .36270 .40670 .45187 .49762 .54336 .58847 .63240 .67461 .71464 .75212 .78675 .81835 .84680 .87211 .89432 .9132 .91306 .94399 .95520	• 16594 • 19651 • 23023 • 26693 • 30634 • 34808 • 39170 • 48646 • 52842 • 57394 • 66141 • 70231 • 74074 • 77640 • 80805 • 88809 • 9886489 • 88809 • 992538 • 94027 • 95258 • 96273	.15694 .18658 .21942 .25532 .29404 .33523 .37845 .42321 .46894 .51503 .56087 .69107 .73034 .76690 .83093 .83093 .83093 .83093 .93138 .93138 .93676 .94968	.14913 .17791 .20994 .24510 .28316 .32381 .32663 .41114 .45677 .50294 .554902 .554902 .554902 .59439 .63848 .68076 .72076
0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.70 1.80 2.00 2.10 2.20 2.30 2.40 2.50 2.60	.53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214 .98610 .98928 .99150 .99534	.39804 .43974 .48208 .54259 .56680 .60822 .64842 .68699 .72359 .75792 .78792 .8991 .89043 .90896 .92504 .92504 .93895 .95057 .96042 .96860 .97533 .98080 .98519 .98531	.32471 .36518 .40717 .45021 .49381 .53744 .58058 .62273 .66343 .70225 .73886 .83286 .83286 .88154 .91909 .93409 .94682 .95751 .96637 .97365 .97956	.27864 .31736 .35815 .50059 .44419 .48843 .53276 .57665 .66100 .70053 .73779 .77248 .80438 .83337 .85941 .88250 .90275 .92029 .93531 .94802 .95844 .96742 .97459 .98039	.24651 .28351 .32294 .36443 .40753 .49649 .58543 .62852 .67000 .70945 .74650 .78086 .81233 .84082 .86628 .8877 .90838 .92529 .93968 .95529 .96186 .97014	. 22257 . 25800 . 29610 . 33656 . 37897 . 42283 . 46763 . 515775 . 60192 . 68581 . 72463 . 76089 . 79433 . 82479 . 85218 . 87652 . 89788 . 9788 . 91639 . 91639	.20391 .23792 .27479 .31423 .35587 .39927 .44390 .48921 .53460 .57950 .62334 .66560 .70580 .74357 .77661 .81069 .83970 .86561 .88846 .92548 .94002 .95222 .95222 .95234	.18886 .22160 .25733 .29580 .33668 .37954 .42389 .461482 .56022 .604798 .68929 .72829 .72929	.17643 .20803 .24271 .28027 .32040 .36270 .40670 .45187 .49762 .54336 .58847 .63240 .67461 .71464 .75212 .78675 .81835 .84680 .87211 .89432 .91358 .93306 .94399 .95562 .967301	.16594 .19651 .23023 .26693 .30634 .34808 .39170 .43669 .48246 .52842 .57394 .61846 .66141 .70231 .74074 .77640 .80905 .83856 .86489 .90826 .92538 .94027 .95256 .96273 .97103	.15694 .18658 .21942 .25532 .29404 .33523 .37845 .42321 .46894 .51503 .56087 .60586 .64943 .69107 .73034 .76690 .80048 .83093 .85819 .8228 .90329 .92138 .90329 .92138 .94968 .94968	.14913 .17791 .20994 .24510 .28316 .32381 .35663 .41114 .45677 .50294 .54902 .59439 .63848 .68076 .72076 .7253 .82383 .85194 .87684 .8962 .91745 .93469 .93469 .93469
0.20 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.10 2.20 2.30 2.40 2.50 2.70	.53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214 .98610 .98928 .99150 .995343	.39804 .43974 .48208 .54259 .56680 .60822 .64842 .68699 .72359 .75792 .7878 .81901 .84552 .86931 .90896 .92504 .93895 .95057 .96042 .94860 .97533 .98859 .98519 .98869 .98519	.32471 .36518 .40717 .45021 .49381 .53744 .58058 .62273 .70225 .73886 .83296 .88154 .90164 .91909 .93409 .95751 .96637 .97956 .98429 .98805 .99100	.27864 .31736 .35815 .50059 .44419 .48843 .53276 .57665 .61956 .66100 .70053 .73779 .77248 .80438 .83337 .85941 .88250 .90275 .92029 .9351 .94802 .95864 .96742 .97459 .98039 .98866	.24651 .28351 .32294 .36443 .40753 .49649 .58543 .62852 .67000 .70945 .74650 .78086 .81233 .84082 .86628 .88877 .90838 .92529 .92529 .93180 .96186 .97014 .97686	. 22257 . 22800 . 29610 . 33656 . 37897 . 42283 . 46763 . 51280 . 55775 . 60192 . 64477 . 68581 . 72463 . 76089 . 79433 . 82479 . 85218 . 87652 . 99788 . 91639 . 91639 . 94563 . 95608 . 97362 . 97362 . 97362 . 97362 . 97362 . 97362 . 97362	.20391 .23792 .27479 .31423 .35587 .44390 .48921 .53460 .57950 .62334 .62560 .70580 .74357 .77861 .81069 .83570 .86561 .88846 .90836 .90836 .92548 .94002 .95222 .95222 .95234 .977062	.18886 .22160 .25733 .29580 .33668 .42389 .46918 .51482 .56022 .60479 .64798 .68929 .72829 .7	.17643 .20803 .24271 .28027 .32040 .36270 .40670 .45187 .49762 .54336 .58847 .63240 .67461 .71464 .75212 .78675 .81835 .84680 .87211 .89432 .9132 .91306 .94399 .95520	• 16594 • 19651 • 23023 • 26693 • 30634 • 34808 • 39170 • 48646 • 52842 • 57394 • 66141 • 70231 • 74074 • 77640 • 80805 • 88809 • 9886489 • 88809 • 992538 • 94027 • 95258 • 96273	.15694 .18658 .21942 .25532 .29404 .33523 .37845 .42321 .46894 .51503 .56087 .69107 .73034 .76690 .83093 .83093 .83093 .83093 .93138 .93138 .93676 .94968	.14913 .17791 .20994 .24510 .28316 .32381 .36663 .41114 .45677 .50294 .59439 .63848 .68076 .72976 .72976 .72976 .72978 .82383 .82383 .85194 .87684 .89684 .91742 .93345 .94694 .9
0.20 0.30 0.40 0.50 0.60 0.70 0.80 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.10 2.20 2.30 2.40 2.50 2.50 2.50 2.70 2.80	.53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214 .98610 .98928 .99150 .99534	.39804 .43974 .48208 .54259 .56680 .60822 .68892 .72359 .75792 .78978 .81910 .84552 .86931 .89083 .90896 .92504 .93895 .9557 .96042 .96	.32471 .36518 .40717 .45021 .49381 .53744 .58058 .62273 .66343 .70225 .73886 .83286 .83286 .88154 .91909 .93409 .94682 .95751 .96637 .97365 .97956	.27864 .31736 .35815 .50059 .44419 .48843 .53276 .57665 .66100 .70053 .73779 .77248 .80438 .83337 .85941 .88250 .90275 .92029 .93531 .94802 .95844 .96742 .97459 .98039	.24651 .28351 .32294 .36443 .40753 .49649 .58543 .62852 .67000 .70945 .74650 .78086 .81233 .84082 .86628 .8877 .90838 .92529 .93968 .95529 .96186 .97014	. 22257 . 2280 . 29610 . 33656 . 37897 . 42283 . 46763 . 515775 . 60192 . 64477 . 68581 . 72463 . 76089 . 79433 . 82479 . 85218 . 87652 . 89788 . 91639 . 93223 . 94563 . 95683 . 95683 . 97969 . 99453 . 998453 . 998453 . 998453	.20391 .23792 .27479 .31423 .35587 .39927 .44390 .68921 .53460 .57950 .62334 .66560 .70580 .74357 .77661 .81069 .83970 .86561 .88846 .92548 .94002 .95222 .95222 .97732 .98268 .98268	.18886 .22160 .25733 .29580 .33668 .37954 .42389 .46918 .51482 .56022 .60479 .68929 .72829 .72929 .7	.17643 .20803 .24271 .28027 .32040 .36270 .40670 .45187 .49762 .54836 .58847 .63240 .67461 .71464 .71212 .78675 .84680 .87211 .89432 .91358 .933006 .94399 .95562 .965201 .97929 .98427 .98819	.16594 .19651 .23023 .26693 .30634 .34808 .39170 .43669 .48246 .52842 .57394 .61846 .66141 .74074 .77640 .80905 .83856 .86489 .90826 .92526 .92526 .9256 .9256 .9256 .97772 .98372	.15694 .18658 .21942 .25532 .29404 .33523 .37845 .42321 .46894 .51503 .56087 .60586 .64943 .69107 .73034 .76690 .80048 .83093 .85819 .8228 .90329 .92138 .90329 .92138 .94968 .94968 .94963 .94963 .94914 .97623 .98188	.14913 .17791 .20994 .24510 .28316 .32381 .35663 .41114 .45677 .50294 .54902 .599439 .63848 .68076 .72075 .72253 .82383
0.20 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.10 2.20 2.30 2.40 2.50 2.70	.53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214 .98610 .98928 .99150 .99379 .99553 .999553	.39804 .43974 .48208 .54259 .56680 .60822 .64842 .68699 .72359 .75792 .7878 .81901 .84552 .86931 .90896 .92504 .92504 .93895 .95057 .96042 .96042 .96049 .98519 .98869 .98519 .98869 .99359 .99359 .99359	.32471 .36518 .40717 .45021 .49381 .53744 .58058 .62273 .70225 .73886 .70225 .73886 .88154 .90164 .91909 .93409 .93409 .93751 .96637 .97365 .97956 .98429 .99751 .99329 .99329 .99329	.27864 .31736 .35815 .50059 .44419 .48843 .53276 .57665 .61956 .66100 .70053 .73779 .77248 .80438 .83337 .85941 .88250 .90275 .92029 .9351 .94802 .95864 .96742 .97459 .98039 .98039 .99151 .99538	.24651 .28351 .32294 .36443 .40753 .49649 .58543 .62852 .67000 .70945 .74650 .78086 .81233 .84082 .86628 .88877 .90838 .92529 .9	. 22257 . 25800 . 29610 . 33656 . 37897 . 42283 . 46763 . 51280 . 55775 . 60192 . 64477 . 68581 . 72463 . 76089 . 79433 . 82479 . 85218 . 87652 . 89788 . 91632 . 94563 . 95683 . 95683 . 97362 . 97969 . 98834 . 99130 . 99358	.20391 .23792 .27479 .31423 .35587 .44390 .48921 .53460 .57950 .62334 .62560 .70580 .70580 .74357 .77861 .81069 .83561 .88846 .90836 .90836 .90836 .92548 .94002 .95222 .95222 .97062 .97062 .97062 .97062 .98691 .99276	.18886 .22160 .25733 .29580 .33668 .42389 .46918 .51482 .56022 .60479 .64798 .68929 .72829 .7	.17643 .20803 .24271 .28027 .32040 .36270 .45187 .49762 .54336 .58847 .67461 .71464 .75212 .78675 .81835 .84680 .87211 .89432 .94392 .9	.16594 .19651 .23023 .26693 .30634 .34808 .39170 .43666 .52842 .57394 .61846 .66141 .70231 .74074 .77640 .83856 .86489 .88809 .88809 .92558 .94027 .95256 .94273 .97172 .98305 .98724	.15694 .18658 .21942 .25532 .29404 .33523 .37845 .4251 .46894 .51503 .56087 .60586 .64943 .69107 .73034 .76690 .80048 .83093 .85819 .8828 .90329 .92138 .903676 .94968 .94968 .94963 .94963 .94963 .94963 .94963 .98634 .98981	.14913 .17791 .20994 .24510 .28316 .32381 .33663 .41114 .45677 .50294 .59439 .63848 .68076 .75811 .79253 .82383 .83194 .87684 .87684 .91742 .93345 .94694 .95915 .97480
0.20 0.30 0.40 0.50 0.60 0.70 0.80 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.10 2.20 2.30 2.40 2.50 2.50 2.50 2.50 2.70 2.90 3.10	.53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97128 .97128 .99190 .99534 .99190 .99534 .99613 .99653 .99744 .99613	.39804 .43974 .48208 .54259 .56680 .60822 .68693 .72359 .75792 .78978 .8190 .84552 .86931 .89043 .99557 .96042 .9469 .97533 .98080 .98519 .98519 .98519 .99851 .99851 .99851	.32471 .36518 .40717 .45021 .49381 .53744 .58058 .62273 .66343 .70225 .73886 .77297 .80438 .83154 .90164 .9190 .93409 .93409 .94682 .957365 .97365 .97956 .98429 .98805 .99738 .999329	.27864 .31736 .35815 .50059 .44419 .48843 .53276 .57665 .61956 .66100 .70053 .73779 .77248 .80438 .8337 .85941 .88250 .90275 .92029 .93531 .94802 .95864 .96742 .97459 .98501 .98501 .99866	.24651 .28351 .32294 .36443 .40753 .49649 .54124 .58543 .62852 .67000 .70945 .74650 .78086 .81233 .81233 .84082 .86628 .88877 .90838 .92529 .93968 .95180 .96186 .97014 .97686 .98987 .998987	. 22257 . 2280 . 29610 . 33656 . 37897 . 42283 . 46763 . 51280 . 55775 . 60192 . 64577 . 68581 . 72463 . 76089 . 79433 . 82479 . 85218 . 8765 . 89788 . 91639 . 93223 . 94563 . 95683 . 96408 . 97362 . 97969 . 98453 . 98834 . 999331	.20391 .23792 .27479 .31423 .35587 .39927 .44390 .4892 .53460 .57950 .62334 .66560 .70580 .70580 .74357 .77861 .81069 .83970 .86560 .92548 .94002 .95224 .95234 .97062 .97732 .98268 .98691 .99276 .99470	.18886 .22160 .25733 .29580 .33668 .37954 .42389 .46918 .51482 .56022 .60479 .64798 .68929 .72829 .72829 .76465 .79811 .82851 .82851 .83577 .87992 .90105 .91929 .93485 .94796 .95886 .95886 .96783 .97510 .98093 .98556 .98917 .99411	.17643 .20803 .24271 .28027 .32040 .36270 .40670 .45187 .49762 .54336 .58847 .63240 .67461 .71464 .75212 .78675 .81835 .84680 .87211 .89432 .9138 .93006 .94399 .95520 .97301 .97929 .98819 .99355	• 16594 • 19651 • 23023 • 26693 • 30634 • 34808 • 39170 • 48646 • 52842 • 57394 • 61846 • 66141 • 70231 • 74074 • 80905 • 88809 • 9885 • 94027 • 95258 • 94027 • 95258	.15694 .18658 .21942 .25532 .29404 .33523 .37845 .42321 .46894 .51503 .56087 .60586 .64943 .69107 .73034 .76690 .80048 .83093 .85819 .88228 .90328 .90328 .90328 .90328 .90328 .9038	.14913 .17791 .20994 .24510 .28316 .32381 .36663 .41114 .45677 .50294 .554902 .554902 .554902 .57811 .79253 .82383 .83194 .87684 .89652 .91742 .93345 .94594 .94594 .94594 .95435 .97480 .98547 .98547 .98547
0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.70 1.80 1.70 1.80 2.00 2.10 2.20 2.30 2.40 2.50 2.50 2.70 2.80 2.90 3.00	.53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214 .98610 .98928 .99150 .99534 .99933 .999534 .99865 .999865 .999863	.39804 .43974 .48208 .54259 .56680 .60822 .64842 .68699 .72359 .75792 .78792 .78978 .81901 .84552 .869043 .90896 .92504 .93895 .95057 .96042 .96860 .97533 .98080 .98519 .98531 .99359 .99555 .99651 .99746 .99869	.32471 .36518 .40717 .45021 .49381 .53744 .58058 .62273 .66273 .70225 .73886 .83266 .88154 .91909 .93409 .94682 .95751 .96637 .97365 .97956 .99100 .99309 .99505 .99505 .99638 .99738	.27864 .31736 .35815 .50059 .44419 .48843 .53276 .5765 .61956 .66100 .70053 .73779 .77248 .80438 .83337 .85941 .88250 .90275 .92029 .93531 .94802 .97459 .98501 .98501 .98501 .99851 .999371	.24651 .28351 .32294 .36443 .40753 .49649 .58543 .62852 .67000 .70945 .74650 .78086 .81233 .84082 .86628 .8628 .92529 .93968 .95180 .96186 .97014 .97686 .98224 .98652 .98652 .99845 .99845 .99845 .99845	. 22257 . 2280 . 29610 . 33656 . 37897 . 42283 . 46763 . 515775 . 60192 . 64477 . 68581 . 72463 . 76089 . 79433 . 82479 . 85218 . 87652 . 89788 . 91639 . 93223 . 94563 . 95683 . 95683 . 97969 . 998453 . 998453 . 998453 . 999358 . 99130 . 99358 . 99358	.20391 .23792 .27479 .31423 .35587 .39927 .44390 .68921 .53460 .57950 .62334 .66560 .70580 .74367 .77661 .81069 .83970 .86561 .88846 .92548 .94002 .95222 .95222 .97062 .97732 .98268 .98268 .99021 .99276 .99470 .99616	.18886 .22160 .25733 .29580 .33668 .37954 .42389 .461482 .56022 .60479 .68929 .72829 .72929	.17643 .20803 .24271 .28027 .32040 .36270 .45187 .49762 .54336 .58847 .67461 .71464 .75212 .78675 .81835 .84680 .87211 .89432 .94392 .9	.16594 .19651 .23023 .26693 .30634 .34808 .39170 .43666 .52842 .57394 .61846 .66141 .70231 .74074 .77640 .83856 .86489 .88809 .88809 .92558 .94027 .95256 .94273 .97172 .98305 .98724	.15694 .18658 .21942 .25532 .29404 .33523 .37845 .42321 .46894 .51503 .56087 .60586 .64943 .69107 .73034 .76690 .80048 .83093 .85819 .828 .92138 .93676 .94948 .94968 .949	.14913 .17791 .20994 .24510 .28316 .32381 .36663 .41114 .45677 .50294 .55439 .63848 .68076 .7281 .7285 .82383 .82383 .82383 .82383 .91742 .91742 .93345 .94694 .946
0.20 0.30 0.40 0.50 0.60 0.70 0.80 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.10 2.20 2.30 2.40 2.50 2.50 2.50 2.50 2.70 2.90 3.10	.53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214 .98610 .999379 .9953 .99953 .99953 .999653 .999653 .99963 .99963 .99963 .99963	.39804 .43974 .48208 .54259 .56680 .60822 .64842 .68699 .72359 .75792 .78792 .78978 .81901 .84552 .869043 .90896 .92504 .93895 .95057 .96042 .96860 .97533 .98080 .98519 .98531 .99359 .99555 .99651 .99746 .99869	.32471 .36518 .40717 .45021 .49381 .53744 .58058 .62273 .70225 .73886 .8154 .90164 .8154 .91909 .93409 .93409 .95751 .96637 .9736 .98429 .9895 .99900 .99909 .99909 .99909 .99909	.27864 .31736 .35815 .50059 .44419 .48843 .53276 .57656 .66100 .70053 .73779 .77248 .80438 .83337 .85941 .88250 .90275 .92029 .93531 .94802 .97459 .98501 .98501 .99864 .99151	.24651 .28351 .32294 .36443 .40753 .49649 .54124 .58543 .62852 .67000 .70945 .74650 .78086 .81233 .81233 .84082 .86628 .88877 .90838 .92529 .93968 .95180 .96186 .97014 .97686 .98987 .998987	. 22257 . 25800 . 29610 . 33656 . 37897 . 42283 . 46763 . 51280 . 55775 . 60192 . 64477 . 68581 . 72463 . 76089 . 79433 . 82479 . 85218 . 87652 . 89788 . 91632 . 94563 . 95683 . 95683 . 97362 . 97969 . 98334 . 99130 . 99358 . 99531 . 99661 . 99758	.20391 .23792 .27479 .31423 .35587 .39927 .44390 .48921 .53460 .57950 .62334 .66560 .70580 .70580 .70580 .83970 .86561 .81069 .83970 .86564 .9282 .9522 .9622 .9522 .9622 .97732 .98269 .99216 .99470 .99616 .99470 .99616	.18886 .22160 .25733 .29580 .33668 .37954 .42389 .461482 .56022 .60479 .68929 .72829 .72929	.17643 .20803 .24271 .28027 .32040 .36270 .40670 .45187 .49762 .54336 .58847 .63240 .67461 .71464 .75212 .78675 .84680 .87211 .89432 .91358 .933006 .94399 .95562 .96520 .97301 .97929 .98819 .99122 .993531	.16594 .19651 .23023 .26693 .30634 .34808 .39170 .43669 .48246 .52842 .57394 .61846 .66141 .70231 .74074 .77640 .80905 .83856 .86489 .90826 .92558 .94027 .95256 .96273 .97103 .97772 .98372 .983724 .99050 .99301 .99491	.15694 .18658 .21942 .25532 .29404 .33523 .37845 .42321 .46894 .51503 .56087 .60586 .64943 .69107 .73034 .76690 .80048 .83093 .85819 .8228 .90329 .92138 .93676 .94968 .96914 .97623 .98188 .98634 .98188 .98634 .99814 .99249 .99452	.14913 .17791 .20994 .24510 .28316 .32381 .36663 .41114 .45677 .50294 .599439 .63848 .68076 .72075 .72253 .82383 .92383

Table II

Probability that N standard normal random variables with common correlation  $\rho$  are simultaneously less than or equal to H.

 $\rho = 2/3$ 

<del>\ \</del>	1	2	3	4	5	6	7	8	9	10	11	12
/"	.1	2	,	7	,	Ū	•	Ū	-	•		
-+												
3.50	.00023	.00002	.00001	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000
3.40	.00034	.00003	.00001	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000
3.30	.00048	.00005	.00002	.00001	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000
3.20	.00069	.00008	.00003	.00001	.00001	.00000	.00000	.00000	.00000	.00000	.00000	.00000
3.10	.00135	.00020	.00007	.00003	.00002	.00001	.00001	.60001	.00001	.00000	.00000	.00000
2.90	.00187	.00029	.00010	.00005	.00003	.00002	.00002	.00001	.00001	.00001	.00001	.00000
2.80	.00256	.00043	-00016	.00008	.00005	.00003	.00002	.00002	.00001	.00001	.00001	.00001
2.70	.00347	.00063	.00024	.00020	.00013	.00009	.00006	.00005	.00004	.00003	.00003	.00002
2.50	.00621	.00131	.00055	.00030	.00019	.00014	.00010	.00008	.00006	.00005	.00004	.00004
2.40	.00820	.00185	.00080	.00045	.00030	.00021	.00016	.00012	.00010	.00008	.00007	.00006
2.30	.01072	.00259 .00360	.00116	.00067	.00044	.00048	.00027	.00030	.00025	.00021	.00018	.00016
2.10	.01786	.00493	.00236	.00143	.00098	.00072	.00056	.00045	.00038	.00032	.00028	.00024
2.00	.02275	.00669	.00331	.00204	.00142	.00106	.00083	88000	.00057	.00048	.00042	.00037
1.90	.02872	.00897	.00459	.00289	.00204 .00290	.00154	.00122	.00100	.00124	.00107	.00094	.00084
1.70	.04457	.01567	.00854	.00560	.00407	.00315	.00254	.00212	.00181	.00157	.00139	.00124
1.60	.05480	.02039	.01144	.00765	.00564	.00441	.00360	.00302	.00259	.00227	.00201	.00180
1.50	.06681	.02626	.01517	.01035	.00773	.00611	.00503	.00425 .00592	.00368	.00323	.00288	.00257
1.40 1.30	.08076	.03347	.02581	.01383	.01402	.00133	.00948	.00813	.00712	.00632	.00569	.00516
1.20	.11507	.05277	.03313	.02387	.01856	.01515	.01278	.01105	.00973	.00869	.00785	.00716
1.10	.13567	.06528	.04208	.03085	.02430	.02003	.01704	.01483	.01313 .01752	.01179	.01070	.00980 .01325
1.00 0.90	.15866	.07997	.05287 .06575	.03943	.03145 .04025	.03383	.02924	.02579	.02310	.02095	.01919	.01771
0.80	.21186	.11659	.08092	.06234	. 05094	.04323	.03765	.03342	.03011	.02744	.02523	.02338
0.70	.24196	.13880	.09859	.07715	.06378	.05462	.04793	.04282 .05424	.03878	.03551	.03280	.03051
0.60 0.50	.274.25	.16371 .19134	.11892	.09448	.07899 .09679	.06825	.06033	.06793	.06218	.05746	.05351	.05015
0.40	.34458	.22163	.16797	.13737	.11736	.10315	.09248	.08413	.07741	.07185	.06718	.06319
0.30	.38209	. 25448	.19677	.16314	.14082	.12479	.11264	.10307	.09536	.08885	.08340	.07871
0.20	.42074	.28970	.22835	.19185	.16727	.14941	.13575	.12491	.11605	.10866	.10238 .124 <b>3</b> 1	.09696
0.10	.46017 .50000	.32702 .36614	.26257 .29921	.25775	. 22902	.20769	.19109	.17771	.16665	. 15732	.14931	.14234
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0.00	.50000	.36614	.29921	.25775	.22902	.20769	.19109	17771	14445	.15732	.14931	.14234
0.10	.53983	.40668	.33798	29459	.26411	.24124	.22328	.17771	.16665	.18630	.17744	.16969
0.20	.57926	.44822	.37852	.33366	.30173	.27751	.25833	.24266	.22955	.21837	.20868	.20018
0.30	.61791	.49031 .53248	.42041 .46319	.37459 .41696	.34154	.31622 .35703	.29601 .33599	.27937	.26537	.25336 .29108	.24292 .27996	.23372 .27014
0.50	.69146	.57426	.50637	.46027	.42616	.39950	.37788	.35985	.34449	.33119	.31952	.30916
0.60	.72575	.61520	.54944	.50403	.47001	.44317	.42123	.40281	.38704	.37331	.36121	.35043
0.70 0.80	.75804	.65487 .69288	.59190 .63328	.54770 .59076	.51418 .55815	.48750 .53194	.46551 .51020	.44694	.43095 .47570	.41697	.40459 .44913	.39351 .43790
0.90	.81594	.72890	.67313	.63272	.60137	.57596	.55471	.53654	.52072	.50676	.49429	.48305
1.00	.84134	.76266	.71106	67311	.64335	.61900	.59851	.58087	.56544	.55175	.53948	.52839
1.10 1.20	.86433	.79394 .82263	.74676	.71154	.68362 .72179	.66059 .70026	.64106	.62416 .66590	60929	.59605	.58414 .62769	.57332 .61728
1.30	.90320	.84863	.81049	.78122	.15753	.73766	.68189 .72059	.70565	.65176	.68044	.66963	.65974
1.40	.91924	.87196	.83824	.81202	. 19059	.77248	.75681	.74302	.73072	.71961	.70950	.70023
1.50 1.60	.93319	.89264	.86317 .88533	.83997 .86502	.82081 84810	.80450 .83359	.79030	.77774	• 76647 70030	.75626	.74693	.73835
1.70	.95543	.92654	.90478	.88722	.84810 .8/246	.85971	.82088 .84847	.80957 .83842	.79939 .82933	.79012 .82102	.78163 .81338	.77378 .80630
1.80	.96407	•94006	.92168	.90667	. 89394	.88287	. 87 305	.86423	.85621	.84886	.84207	.83577
1.90 2.00	.97128	.95154	.93618	.92350	.91266	.90316	.89469	.88704	.88006	.87363	.86768	.86213
2.10	.97725	.96119	.94849	.93790	.92877 .94249	.92072 .93574	.91350 .92967	.90695	.90095 .91903	.89541 .91430	.87025	.88543 .90576
2.20	.98610	.9/579	.96741	.96027	. 95402	. 94 84 4	.94339	.93876	.93448	.93050	.92678	.92328
2.30	-98928	.98115	.97445	.96869	.96361	. 95 905	.95489	.95107	.94753	.94422	.94112	.93819
2.40 2.50	.99180	.98546 .98889	.98016	.97557 .98113	.97149	.96780 .97494	.96443 .97224	.96131	.95841 .96738	.95570 .96518	.95314 .96310	.95072 .96113
2.60	.99534	.99159	.98839	.98557	98 30 2	.98070	.97855	.97656	.97468	.97292	.97125	.96966
2.70	.99653	.99370	.99125	.98907	.98710	.98529	.98361	•90203	.98056	.97916	.97783	.97657
2.80 2.90	.99744	.99532 .99656	.99347	.99181	.99029 .99277	98890	9876	.98638	.98522 .98889	.98413	.98309 .98724	.98210
3.00	.99865	.99750	.99647	.99554	.59467	.99171	.99071	.98978 .99241	.98889	.98805 .99109	.99047	.98647 .98988
3.10	.99903	.99819	.99744	.99675	. 99612	.99552	•99496	.99442	. 49391	.99343	.99296	.99252
3.20 3.30	.99931	.99871	.99816	.99766	.99720	.99676	.99634	.99595	.99557	.99521	.99486	.99452
3.40	.99952	.99909	.99870	.99833	.99800 .59858	.99768 .99835	.99737	.99708 .99792	.99681	.99654 .99753	.99628	.99603 .99716
3.50	.99977	. 99956	.99936	.99418	99901	.99884	.99869	.99854	.99839	.99825	.99812	.99799
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3.50	.00023	.00003	•00001	•00000	•00000	•00000	•00000	•00000	•00000	•00000	•00000	•00000
3.40	•00034	.00004	•00001	•00001	•00000	.00000	•00000	•00000	•00000	•00000	•00000	.00000
3.30	.00048 .00069	.00007 .00010	.00002 .00004	.00001 .00002	.00001	.00000	.00000	•00000	.00000	•00000	•00000	•00000
3.10	.00097	.00015	•.00004	•00003	•00002	.00001	•00001	• 000001	•000001	•00000	•00000	.00000
3.00	.00135	.00023	.00009	.00005	.00003	.00002	.00001	.00001	.00001	.00001	.00001	.00001
2.90	.00187	• 00034	.00014	•00007	• ೧೦೦೧5	.00003	.00002	.00002	.00001	·00001	.00001	•00001
2.80	.00256	.00050	.00021	.00011	.00007	•00005	.00004	<ul><li>00003</li></ul>	•00002	•00002	.00002	.00001
2.70	•00347	•00073	.00031	.00017	.00011	•0000B	•00006	• 00005	.00004	.00003	.00003	•00002
2.60	•00466	.00105	•00046	•00026	•00017	.00013	.00010	• 0000B	•00006	•00005	•00005	•00004
2.50	.0062: .00820	.00149	•00067 •00098	•00040 •00059	•00027 •00040	.00019	.00015	.00012	.00010	.00008	.00007	.00006
2.30	.01072	.00291	.00141	.00037	•00059	.00044	.00025	.00028	.00024	•00020	.00018	.00016
2.20	.01390	.00401	.00200	.00124	·00087	.00066	.00052	.00043	.00036	•00031	.00027	.0002
2.10	.01786	.00546	.00280	.00178	.00127	.00096	.00077	.00064	.00054	.00047	.00041	.00036
2.00	.02275	• 00736	.00389	+00252	.00182	.00140	.00113	• 00094	•000B0	•00070	.00061	•0005
1.90	.02872	• 00983	.00535	•00353	•00258	10200	.00163	.00137	.00117	.00102	•00091	.000B
1.80	.03593	•0129B	•00727	.004BB	•00361	.00284	.00233	.00197	.00170	.00149	.00133	•00119
1.70	•04457	.01698	•00977	•00668	.00501	•0039B	•00329	• 00279	•00243	•00214	.00191	.0017
1.60	.05480 .06681	.02198 .02817	.01300 .01710	.00904	•00687 •00930	.00551 .00754	.00459	.00392 .00545	.00343 .00478	.00304 .00426	.00273 .00384	.00350
1.40	.08076	.03574	.02226	.01601	.01247	.01020	.00863	.00748	•00660	00591	.00535	•004B
1.30	.09680	.04490	.02867	.02097	.01652	.01364	.01163	01014	•00900	•00810	.00737	.00676
1.20	.11507	. 05586	.03654	.02716	.02165	.01804	.01549	• 01360	.01213	•01097	.01002	• 00923
1.10	•13567	.06882	.04610	•03480	•02B06	•02359	.02041	.01802	.01616	.01468	.01346	•01245
1.00	15866	.08398	.05756	.04412	03598	.03051	.02658	.02362	.02129	.01942	.01788	.0165
0.90	.18406	10151	.07114	•05534	• 04563	•03903	.03424	• 03060	•02773	+02541	.02349	.02187 .02850
0.70	•21186 •24196	.12156	.08705	.06871 .08442	•05725 •07109	.04939 .06182	.04363 .05498	.03921 .04969	.03571 .04548	•03287 •04203	.03050 .03915	.03671
0.60	.27425	16958	12654	10268	·08734	.07656	.06853	.06229	05728	•05316	•04970	•04676
0.50	• 30854	.19760	.15037	.12364	.10621	.09383	·08453	• 07725	.07136	•06650	.06240	•05889
0.40	•34458	.22824	• 17700	+14741	• 12784	•11380	•10316	•09477	•08795	•08229	•07749	•07337
			.20641	.17404	• 15235	.13662	. 12460	• 11505	10725	•10073	•09519	•09040
0.30	38209	.26137				• 16237	• 14895	.13822	• 12941	.12201	•11569	•11021
0.20	.42074	.29679	.23852	.20354	.17977			1 ( 4 3 0	10055	14/35	12012	
0.20	.42074 .46017	.29679 .33425	.23852 .27316	.23580	.21009	•19106	·17628	•16438 •19353	.15455	•14625 •17351	.13913	
0.20	.42074	.29679	.23852					•16438 •19353	•15455 •18269	•14625 •17351	.13913 .16559	
0.20	.42074 .46017	.29679 .33425	.23852 .27316	.23580	.21009	•19106	·17628	•19353	.18269	•17351	.16559	.13293 .15868
0.20	.42074 .46017 .50000	.29679 .33425 .37341	.23852 .27316 .31011	.23580 .27069	.21009 .24319	•19106 •22265	.17628 .20656					
0.20 0.10 0.00	.42074 .46017 .50000	.29679 .33425 .37341	.23852 .27316 .31011	.23580 .27069	.21009 .24319	•19106 •22265	.17628 .20656	•19353	.18269	•17351	.16559	.15868
0.20	.42074 .46017 .50000	.29679 .33425 .37341	.23852 .27316 .31011	.23580 .27069	.21009 .24319	•19106 •22265	.17628 .20656	•19353	.18269	•17351	.16559	.15868
0.20 0.10 0.00	.42074 .46017 .50000	.29679 .33425 .37341	.23852 .27316 .31011	.23580 .27069	.21009 .24319 5	•19106 •22265 <b>6</b>	.17628 .20656	•19353 8	•18269 9	•17351	.16559	.15868
0.20 0.10 0.00	.42074 .46017 .50000	.29679 .33425 .37341 2	.23852 .27316 .31011 .3	.23580 .27069 4	.21009 .24319 5	.19106 .22265 6	.17628 .20656 7	•19353 8 •19353	.18269	•17351 10	.16559	.15868
0.20 0.10 0.00 N H	.42074 .46017 .50000 1	.29679 .33425 .37341 2	.23852 .27316 .31011 .3	.23580 .27069 4 .27069 .30794	.21009 .24319 5 .24319 .24319 .27891	.19106 .22265 6	.17628 .20656 7 .20656 .23971	.19353 8 .19353 .22561	.18269 9 .18269 .21382	•17351 •10 •17351 •20378	.16559 11 .16559 .19509	.15868 12 .15868 .18747
0.20 0.10 0.00 N H 0.00 0.10 0.20	.42074 .46017 .50000 1	.29679 .33425 .37341 2 .37341 .41390 .45531	.23852 .27316 .31011 .3 .31011 .34906 .38964	.23580 .27069 4 .27069 .30794 .34727	.21009 .24319 5 .24319 .27891 .31697	.19106 .22265 .6 .22265 .25700 .29389	.17628 .20656 7 .20656 .23971 .27554	.19353 8 .19353 .22561 .26048	.18269 9 .18269 .21382 .24782	•17351 10 •17351 •20378 •23698	.16559 11 .16559 .19509 .22756	.15868 12 .15868 .18747 .21927
0.20 0.10 0.00 N H	.42074 .46017 .50000 1	.29679 .33425 .37341 2	.23852 .27316 .31011 .3	.23580 .27069 4 .27069 .30794	.21009 .24319 5 .24319 .24319 .27891	.19106 .22265 .6 .22265 .25700 .29389 .33304	.17628 .20656 7 .20656 .23971 .27554 .31380	.19353 8 .19353 .22561 .26048 .29790	.18269 9 .18269 .21382 .24782 .28448	.17351 10 .17351 .20378 .23698 .27293	.16559 .16559 .19509 .22756 .26285	.15868 .15868 .15868 .16747 .21923 .25399
0.20 0.10 0.00 N H 0.00 0.10 0.20 0.30 0.50	.42074 .46017 .50000 1 .50000 .53983 .57926 .61791 .65542 .69146	.29679 .33425 .37341 2 .37341 .41390 .45531 .49720 .53909 .58053	.23852 .27316 .31011 .31011 .34906 .38964 .43144	.23580 .27069 4 .27069 .30794 .34727 .38828	.21009 .24319 5 .24319 .27891 .31697 .35705	.19106 .22265 .6 .22265 .25700 .29389	.17628 .20656 7 .20656 .23971 .27554	.19353 8 .19353 .22561 .26048	.18269 9 .18269 .21382 .24782	•17351 10 •17351 •20378 •23698	.16559 11 .16559 .19509 .22756	.15868 .15868 .18741 .21923 .25395 .29128
0.20 0.10 0.00 N H 0.00 0.10 0.20 0.30 0.40 0.50 0.60	.42074 .46017 .50000 1 .50000 .53983 .57926 .61791 .65542 .69146 .72575	.29679 .33425 .37341 2 .37341 .41390 .45531 .49720 .53909 .58053 .62107	.23852 .27316 .31011 .31011 .34906 .38964 .43144 .47400 .51682 .55943	.23580 .27069 .27069 .30794 .34727 .38828 .43056 .47362 .51695	.21009 .24319 .24319 .27891 .31697 .35705 .39875 .44161 .48513	.19106 .22265 .22265 .25700 .29389 .33304 .37407 .41655 .45999	.17628 .20656 7 .20656 .23971 .27554 .31380 .35414 .39617 .43941	.19353 8 .19353 .22561 .26048 .29790 .33758 .37913 .42209	.18269 9 .18269 .21382 .24782 .24782 .28448 .32352 .36452 .40724	•1735)  10  •17351 •20378 •23698 •27293 •31137 •35196 •39428	.16559 11 .16559 .19509 .22756 .26285 .30072 .34085 .38283	.15868 .15868 .18747 .21927 .25395 .29128 .33098
0.20 0.10 0.00 N H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70	.42074 .46017 .50000 1 .50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804	.29679 .33425 .37341 .2 .37341 .41390 .45531 .49720 .53909 .58053 .62107 .66030	.23852 .27316 .31011 .34906 .38964 .43144 .47400 .51682 .55943 .60133	.23580 .27069 .27069 .30794 .34727 .38828 .43056 .47362 .51695 .56006	.21009 .24319 .5 .24319 .27891 .31697 .31697 .39875 .44161 .48513 .52880	.19106 .22265 .22265 .25700 .29389 .33304 .37407 .41655 .45999 .50389	.17628 .20656 .20656 .23971 .27554 .31380 .35414 .39617 .43941	.19353 8 .19353 .22561 .26048 .29790 .33758 .37913 .42209 .46598	.18269 .18269 .21382 .24382 .28448 .32352 .36458 .40724 .45099	•1735) •17351 •20378 •23698 •27293 •31137 •35196 •39428 •43786	.16559 .16559 .19509 .22756 .26285 .30072 .34085 .36283	.15868 12 .15868 .1874 .2192 .25399 .29128 .33096 .37264 .41579
0.20 0.10 0.00 N H 0.00 0.10 0.20 0.30 0.40 0.40 0.50 0.60 0.70	.42074 .46017 .50000 1 .50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804	.29679 .33425 .37341 .2 .37341 .41390 .45531 .49720 .53909 .58053 .62107 .66030	.23852 .27316 .31011 .31011 .34906 .38964 .43144 .47400 .51682 .55943 .60133 .64206	.23580 .27069 4 .27069 .30794 .34727 .38828 .43056 .47362 .51695 .56006	.21009 .24319 5 .24319 .27891 .31697 .35705 .39875 .44161 .48513 .52880 .57210	.19106 .22265 .22265 .25700 .29389 .33304 .37407 .41655 .45999 .50389 .54772	.17628 .20656 7 .20656 .23971 .27554 .31380 .35414 .39617 .43941 .48335 .52747	.19353 8 .19353 .22561 .26048 .29790 .33758 .37913 .42209 .46598 .51025	.18269 9 .18269 .21382 .24782 .28448 .32352 .36458 .40724 .45099 .49532	.17351 .10 .17351 .20378 .23698 .27293 .31137 .35196 .39428 .43786 .48218	.16559 .19509 .22756 .26285 .30072 .34085 .38283 .42622 .47049	.15868 .15868 .1874 .21927 .25399 .29128 .33096 .37261 .41579
0.20 0.10 0.00 N H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70	.42074 .46017 .50000 1 .50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804	.29679 .33425 .37341 .2 .37341 .41390 .45531 .49720 .53909 .58053 .62107 .66030	.23852 .27316 .31011 .34906 .38964 .43144 .47400 .51682 .55943 .60133	.23580 .27069 .27069 .30794 .34727 .3828 .43056 .47362 .51695 .56006 .60244 .64361	.21009 .24319 .24319 .27891 .31697 .35705 .39875 .44161 .48513 .52880 .57210	.19106 .22265 .22265 .25700 .29389 .33304 .37407 .41655 .45999 .54772 .59093	.17628 .20656 .20656 .23971 .27554 .31380 .35414 .39617 .43941 .48335 .52747 .57122	.19353 .19353 .22561 .26048 .29790 .33758 .37913 .42209 .46598 .51025 .55436	.18269 9 .18269 .21382 .24782 .28448 .32352 .36458 .40724 .45099 .49532 .53967	.1735) 10 .17351 .20378 .23698 .27293 .31137 .35196 .39428 .43786 .48218	.16559 .11 .16559 .19509 .22756 .30072 .34085 .38283 .42622 .47049 .51509	.15866 .15866 .1874 .2192 .25399 .29126 .33096 .3726 .4157 .4599
0.20 0.10 0.00 N H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80	.42074 .46017 .50000 1 .50000 .53983 .57926 .61791 .65546 .72575 .75804 .78814 .81594	.29679 .33425 .37341 .2 .37341 .41390 .45531 .49720 .53909 .58053 .62107 .66030 .69765 .73339	.23852 .27316 .31011 .31011 .34906 .38964 .43144 .47400 .51682 .55943 .60133 .64206 .68121	.23580 .27069 4 .27069 .30794 .34727 .38828 .43056 .47362 .51695 .56006	.21009 .24319 5 .24319 .27891 .31697 .35705 .39875 .44161 .48513 .52880 .57210	.19106 .22265 .22265 .25700 .29389 .33304 .37407 .41655 .45999 .50389 .54772	.17628 .20656 7 .20656 .23971 .27554 .31380 .35414 .39617 .43941 .48335 .52747	.19353 8 .19353 .22561 .26048 .29790 .33758 .37913 .42209 .46598 .51025	.18269 9 .18269 .21382 .24788 .32352 .36458 .40724 .45099 .49532 .53967 .58350	•1735)  •17351 •20378 •23698 •27293 •31137 •35196 •39426 •43786 •48218 •52669 •57084	.16559 .11 .16559 .19509 .22756 .26285 .30072 .34085 .38283 .42622 .47049 .51509 .55948	.15866 .15866 .1874 .2192 .2539 .2912 .3309 .4157 .4599 .5046
0.20 0.10 0.00 N H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20	.42074 .46017 .50000 1 .50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84433 .88493	.29679 .33425 .37341 .2 .37341 .41390 .45531 .49720 .53909 .66130 .69765 .73339 .76667 .79749 .82572	.23852 .27316 .31011 .31011 .34906 .38964 .43144 .47400 .51682 .55943 .60133 .64206 .68121 .71842 .75336 .78582	.23580 .27069 .27069 .30794 .34727 .38828 .43056 .47362 .51695 .56006 .60244 .64361 .68315 .72067	.21009 .24319 .24319 .27891 .31697 .35705 .39875 .44161 .48513 .52880 .57210 .61451 .65557 .69484	.19106 .22265 .22265 .25700 .29389 .33304 .37407 .41655 .45999 .54772 .59093 .63304 .67358 .71213	.17628 .20656 .20656 .23971 .27554 .31380 .35414 .39617 .43941 .48335 .52747 .57122 .61409 .65557 .69523	.19353 8 .19353 .22561 .26048 .29790 .33758 .37913 .42209 .46598 .51025 .55436 .59778	.18269 9 .18269 .21382 .24782 .24782 .36458 .40724 .45099 .49532 .53967 .58350 .62629	.1735) 10 .17351 .20378 .23698 .27293 .31137 .35196 .39428 .43786 .48218	.16559 .11 .16559 .19509 .22756 .30072 .34085 .38283 .42622 .47049 .51509	.15861 12 .15861 .1574 .2192 .2539 .2912 .3309 .3726 .4157 .4599 .5046 .5931
0.20 0.10 0.00 N H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 0.90 0.90 0.10 0.10 0.10 0.20 0.30 0.30 0.40 0.40 0.40 0.40 0.40 0.4	. 42074 . 46017 . 500000 1 . 50000 . 53983 . 57926 . 61791 . 65542 . 69146 . 72575 . 75804 . 78159 . 84134 . 84433 . 88493 . 90320	.29679 .33425 .37341 .2 .37341 .41390 .45531 .49720 .53909 .58053 .62107 .66030 .69765 .73339 .76667 .79749 .82572 .85130	.23852 .27316 .31011 .34906 .38964 .43490 .51682 .55943 .60133 .60133 .60133 .6016 .71842 .75336 .78502 .81563	.23580 .27069 .27069 .30794 .34727 .38828 .43056 .47362 .51695 .56006 .60244 .64361 .68315 .72067 .75586	.21009 .24319 .24319 .27891 .31697 .35705 .39875 .44161 .48513 .52880 .57210 .61451 .65557 .69484 .73196	.19106 .22265 .22265 .25700 .29389 .33304 .37407 .41655 .45999 .54772 .59093 .63304 .67358 .71213 .74836	.17628 .20656 .20656 .23971 .27538 .31380 .35414 .39617 .43941 .48335 .52747 .57122 .61409 .65557 .69523	.19353 .19353 .22561 .26048 .29790 .33758 .37913 .42209 .46598 .55436 .55436 .63999 .68053 .71899	.18269 9 .18269 .21382 .24788 .32352 .36458 .40724 .45099 .495367 .58350 .62629 .66755	•1735)  10  •17351 •20378 •23698 •27293 •31137 •35196 •39426 •48218 •52669 •57084 •61409 •65593	.16559 .11 .16559 .19509 .22756 .26285 .30072 .34085 .38283 .42622 .47049 .51509 .55948 .60310 .64544 .68602	.1586i 12 .1586i .1874 .2192 .2539 .2912i .3309 .3726 .4157 .4599 .5046 .5492 .5931 .6358 .6769
0.20 0.10 0.00 N H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40	. 42074 . 46017 . 50000 1 . 50000 . 53983 . 57926 . 61791 . 65542 . 69146 . 72575 . 75804 . 78814 . 81594 . 84134 . 86433 . 88493 . 90320 . 91924	.29679 .33425 .37341 .2 .37341 .41390 .45531 .49720 .53909 .58053 .62107 .66030 .69765 .73339 .76667 .79749 .82572 .85130 .87422	.23852 .27316 .31011 .31011 .34906 .38964 .43144 .47400 .51682 .55943 .60133 .60133 .64206 .68121 .71842 .75336 .78502 .81563 .84269	.27069 .27069 .27069 .27069 .30794 .34727 .38828 .43056 .47362 .51695 .56006 .60244 .64361 .68315 .72067 .75586 .75584 .81839	.21009 .24319 .24319 .27891 .31697 .35705 .39875 .44161 .48513 .52880 .57210 .61451 .65557 .69484 .73196 .76663	.19106 .22265 .22265 .25700 .29389 .33304 .37407 .41655 .45999 .54772 .59093 .63304 .67358 .71213 .74836 .78200	.17628 .20656 .20656 .23971 .27554 .31380 .35414 .39617 .43941 .48335 .52747 .57122 .61409 .65557 .69557 .69557 .69559 .73269	.19353 8 .19353 .22561 .26048 .29790 .33758 .37913 .42209 .46598 .51025 .55436 .63999 .68053 .71899 .75504	.18269 .18269 .21382 .24782 .28488 .32352 .36458 .40724 .45099 .49532 .53367 .58350 .62629 .66755 .70684 .74380	.1735) .10 .17351 .20378 .23698 .27293 .31137 .35196 .43786 .44786 .48218 .52669 .57084 .61409 .65593 .69592 .73366	.16559 .11 .16559 .19509 .22756 .26285 .30072 .34085 .38283 .42622 .47049 .51509 .55948 .60310 .64544 .68602 .72444	.1586i 12 .1586i .1874 .2192 .2519: .2912: .3309: .3726 .4157: .4599 .5046: .5931: .6358i .6769; .7159:
0.20 0.10 0.00 N H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.30 1.40 1.50	.42074 .46017 .50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .84433 .88493 .90320 .91924 .93319	.29679 .33425 .37341 .2 .37341 .41390 .4551 .49720 .53909 .58053 .62107 .66030 .69765 .73339 .76667 .79749 .82572 .85130 .87422 .89455	.23852 .27316 .31011 .31011 .34906 .38964 .43144 .47400 .51682 .55943 .60133 .64206 .68121 .71842 .75336 .78582 .81563 .84269 .86698	.23580 .27069 .27069 .30794 .34727 .38828 .43056 .47362 .51695 .56006 .60244 .64361 .68315 .72067 .75586 .78849 .81839	.21009 .24319 .24319 .27891 .31697 .35705 .39875 .44161 .48513 .52880 .57210 .61451 .65557 .69484 .73196 .76663 .79863 .82783	.19106 .22265 .22265 .25700 .29389 .33304 .37407 .41655 .45999 .54772 .59093 .63304 .67358 .71213 .74836 .78200 .81287	.17628 .20656 .20656 .23971 .27554 .31380 .35414 .39617 .43941 .48335 .52747 .57122 .61409 .65557 .69523 .73269 .76765	.19353 .19353 .22561 .26048 .26790 .33758 .37913 .42209 .46598 .51025 .55436 .59778 .63999 .75504 .71899 .75504	.18269 9 .18269 .21382 .24748 .32352 .36458 .40724 .45099 .49532 .53967 .58350 .62629 .66755 .70684 .74380 .77815	.1735) 10 .1735) .20378 .23698 .27293 .31137 .35196 .43786 .44786 .448218 .52669 .57084 .61409 .61593 .69592 .73366 .76885	.16559 .11 .16559 .19509 .22756 .30072 .34085 .38283 .42622 .47049 .51509 .51509 .64544 .68602 .72444	.1586 12 .1586 .1874 .2153 .2912 .3329 .3726 .4157 .4592 .5931 .6358 .6769 .7159
0.20 0.10 0.00 N H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.20 1.30 1.40 1.50	. 42074 . 46017 . 500000 1 . 500000 . 53983 . 57926 . 61791 . 65542 . 69146 . 72575 . 75804 . 78814 . 81594 . 84134 . 86433 . 88493 . 90320 . 91924 . 93319 . 94520	.29679 .33425 .37341 .2 .37341 .41390 .45531 .49720 .53909 .58053 .62107 .66030 .69765 .73339 .76667 .79749 .82572 .85130 .87422 .89455 .91238	.23852 .27316 .31011 .31011 .34906 .38964 .43144 .47400 .51682 .55943 .60133 .6	.27069 .27069 .27069 .30794 .34727 .38828 .43056 .47362 .51695 .60244 .64361 .72067 .75586 .78849 .81839 .84547 .86972	.24319 .24319 .24319 .27891 .31697 .35705 .39875 .44161 .48513 .52880 .57210 .61451 .65557 .69484 .73196 .76663 .79863 .82783	.19106 .22265 .25700 .29389 .33304 .37407 .41655 .45999 .54772 .59093 .63304 .67358 .71213 .74836 .78200 .81287 .84085	.17628 .20656 .20656 .23971 .27554 .31380 .35414 .39617 .43941 .48335 .52747 .57122 .61409 .65557 .69523 .73269 .76765 .79988 .82924	.19353 .19353 .22561 .26048 .29708 .33758 .37913 .42209 .51025 .55436 .55436 .63999 .68053 .71899 .75504 .78841 .81894	.18269 .18269 .21382 .24782 .24788 .32352 .36458 .40724 .45099 .49532 .53967 .62629 .66755 .70684 .74380 .77815 .80968	•1735)  10  •17351 •20378 •23698 •27293 •31137 •35196 •39426 •48218 •52669 •57084 •61409 •65593 •69592 •73366 •76885 •80126	.16559 .11 .16559 .19509 .22756 .26285 .30072 .34085 .38283 .42622 .47049 .51509 .55948 .60310 .64540 .68602 .72444 .76037 .79355	.1586i 12 .1586i .1674 .2192 .2539 .2912i .3309 .3726 .4157 .4599 .5046i .5492i .5931 .6358i .6769i .7159 .7525
0.20 0.10 0.00 N H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50	. 42074 . 46017 . 500000 1 . 500000 . 53983 . 57926 . 61791 . 65542 . 69146 . 72575 . 75804 . 78814 . 81594 . 84134 . 86433 . 88493 . 90320 . 91924 . 93319 . 94520	.29679 .33425 .37341 .2 .37341 .41390 .4551 .49720 .53909 .58053 .62107 .66030 .69765 .73339 .76667 .79749 .82572 .85130 .87422 .89455	.23852 .27316 .31011 .31011 .34906 .38964 .43144 .47400 .51682 .55943 .60133 .64206 .68121 .71842 .75336 .78582 .81563 .84269 .86698	.23580 .27069 .27069 .30794 .34727 .38828 .43056 .47362 .51695 .56006 .60244 .64361 .68315 .72067 .75586 .78849 .81839 .84547 .86972 .891119	.21009 .24319 .24319 .24319 .27891 .31697 .35705 .39875 .44161 .48513 .52880 .57210 .61451 .65557 .69484 .73196 .76663 .79863 .82783 .85415 .87760	.19106 .22265 .22265 .25700 .29389 .33304 .37407 .41655 .45999 .50389 .54772 .59093 .63304 .67358 .71213 .74836 .78200 .81287 .84085 .86592	.17628 .20656 .20656 .23971 .31380 .35414 .39617 .43941 .48335 .52747 .57122 .61409 .65557 .69523 .73269 .76765 .79988 .82924 .85567	.19353 .19353 .22561 .26048 .29790 .33758 .37913 .42209 .46598 .51025 .55436 .59778 .63999 .68053 .71899 .75504 .78841 .81894	.18269 .18269 .21382 .24782 .24782 .36458 .40724 .45099 .49532 .53967 .58350 .62629 .66755 .70684 .74380 .77815 .80968 .83827	.17351 .20378 .23698 .27293 .31137 .35196 .39428 .43786 .48218 .52669 .57084 .61409 .65593 .73366 .76885 .80126	.16559 .11 .16559 .19509 .22756 .26285 .30072 .34085 .38283 .42622 .47049 .51509 .51509 .64544 .68602 .72444 .76037 .79338	.15866 12 .15861 .1874 .2192 .25912 .3309 .3726 .4157 .4599 .5046 .5931 .6358 .6769 .7159 .7159 .77525 .7864 .8174
0.20 0.10 0.00 N H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30	. 42074 . 46017 . 50000 1 . 50000 . 53983 . 57926 . 61791 . 65542 . 69146 . 72575 . 75804 . 78814 . 884134 . 88493 . 88493 . 90320 . 90320 . 91924 . 93319 . 94520 . 95543	.29679 .33425 .37341 .2 .37341 .41390 .45531 .49720 .53909 .53653 .62107 .66030 .69765 .73339 .76667 .79749 .82572 .85130 .81422 .89455 .91238 .92785	.23852 .27316 .31011 .34906 .38964 .43144 .47400 .51682 .55943 .60133 .64206 .68121 .71842 .75336 .78582 .81563 .84269 .86698 .88554 .90746	.27069 .27069 .27069 .30794 .34727 .38828 .43056 .47362 .51695 .60244 .64361 .72067 .75586 .78849 .81839 .84547 .86972	.24319 .24319 .24319 .27891 .31697 .35705 .39875 .44161 .48513 .52880 .57210 .61451 .65557 .69484 .73196 .76663 .79863 .82783	.19106 .22265 .25700 .29389 .33304 .37407 .41655 .45999 .54772 .59093 .63304 .67358 .71213 .74836 .78200 .81287 .84085	.17628 .20656 .20656 .23971 .27554 .31380 .35414 .349617 .48335 .52747 .57122 .61409 .65557 .69523 .73269 .76765 .79988 .82924 .85567 .87917	.19353 .19353 .22561 .26048 .26790 .33758 .37913 .42209 .46598 .51025 .55436 .59778 .63999 .75504 .71899 .75504 .78841 .81894 .84652 .871115	.18269 .18269 .21382 .24782 .24782 .36458 .40724 .45099 .49532 .53967 .58350 .62629 .66755 .70684 .74380 .77815 .80968 .83827	•1735)  10  •17351 •20378 •23698 •27293 •31137 •35196 •39426 •48218 •52669 •57084 •61409 •65593 •69592 •73366 •76885 •80126	.16559 .11 .16559 .19509 .22756 .26285 .30072 .34085 .38283 .42622 .47049 .51509 .55948 .60310 .64540 .68602 .72444 .76037 .79355	.1586 12 .1586 .1874 .2152 .2539 .2912 .3329 .4157 .4592 .5046 .5492 .5769 .7159 .7159 .7159 .7159
0.20 0.10 0.00 N H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.20 1.30	. 42074 . 46017 . 500000 1 . 500000 . 53983 . 57926 . 61791 . 65542 . 69146 . 72575 . 75804 . 78814 . 884134 . 884134 . 88493 . 90320 . 90320 . 91924 . 93319 . 94520 . 95543 . 96407 . 97128 . 97725	.29679 .33425 .37341 .2 .37341 .41390 .4551 .49720 .53909 .58053 .62107 .66030 .69765 .73339 .76667 .79749 .82572 .85130 .87422 .89455 .91238 .92785	.23852 .27316 .31011 .34906 .38964 .43144 .47400 .51682 .55943 .60133 .64206 .68121 .71842 .75336 .68121 .71842 .75336 .84269 .86698 .88654 .90746 .92388	.23580 .27069 .27069 .30794 .34727 .38828 .43056 .47362 .51695 .56006 .60244 .64361 .68315 .72586 .78849 .81839 .81839 .81839 .81839 .81839 .81839 .81839 .81839	.21009 .24319 .24319 .27891 .31697 .35705 .39875 .44161 .48513 .52880 .57210 .61451 .65454 .73196 .76663 .79863 .82783 .85415 .87760 .89826	.19106 .22265 .22265 .25700 .29389 .33304 .37407 .41655 .45999 .54772 .59093 .63304 .67358 .71213 .74836 .78200 .81287 .84085 .86592 .88812	.17628 .20656 .20656 .23971 .27554 .31380 .35414 .39617 .43941 .48335 .52747 .57122 .61409 .65557 .69523 .73269 .76765 .79988 .82924 .85567 .87917 .89982	.19353 .19353 .22561 .26048 .26790 .33758 .37913 .42209 .46598 .51025 .55436 .59778 .63999 .75504 .71899 .75504 .78841 .81894 .84652 .871115	.18269 .18269 .21382 .24782 .24788 .32352 .36458 .40724 .45099 .49532 .53967 .58350 .62629 .66755 .70684 .74380 .77815 .80968 .83827 .86388	.1735) 10 .17351 .20378 .23698 .23137 .35196 .43786 .44218 .52669 .57084 .61409 .57084 .61593 .69592 .7386 .76885 .80126 .83074 .85723	.16559 .11 .16559 .19509 .22756 .30072 .34085 .38283 .42622 .47049 .51509 .51509 .51509 .64544 .68602 .72444 .76037 .79355 .82382 .85110	.1586i 12 .1586i .1874 .2192 .2539 .2912i .3309 .3726 .4157 .4599 .5046 .5492 .5931 .63588 .6769 .71525 .7864 .8174 .8454 .8703
0.20 0.10 0.00 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.70 0.80 1.20 1.20 1.30 1.40 1.20 1.30 1.40 1.50 1.60 1.70 1.80	. 42074 . 46017 . 500000 1 . 500000 . 53983 . 57926 . 61791 . 65542 . 69146 . 72575 . 75804 . 72575 . 75804 . 81594 . 81594 . 84134 . 88493 . 90320 . 91924 . 93319 . 94520 . 95543 . 96407 . 97128 . 97725 . 98214	.29679 .33425 .37341 .2 .37341 .41390 .4551 .49720 .53909 .58053 .62107 .66030 .69765 .73339 .76667 .79749 .82572 .85130 .87422 .89455 .91238 .92785 .94112 .95239 .96186 .96973	. 23852 . 27316 . 31011 . 34906 . 38964 . 43144 . 47400 . 51682 . 55943 . 60133 . 64206 . 68121 . 71842 . 75336 . 68121 . 71842 . 75336 . 81563 . 84269 . 86698 . 88854 . 90746 . 92388 . 93798 . 93798 . 94994 . 95998	.23580 .27069 .27069 .30794 .34727 .38828 .43056 .47362 .51695 .56006 .60244 .64361 .68315 .72067 .75586 .78849 .81839 .84547 .86972 .89119 .90197 .92622 .94011	.21009 .24319 .24319 .27891 .31697 .35705 .39875 .44161 .48513 .52880 .57210 .61451 .65457 .76663 .79863 .79863 .85415 .87760 .89826 .91624 .93170 .94486	.19106 .22265 .22265 .25700 .29389 .33304 .37407 .41655 .45999 .54772 .59093 .63304 .67358 .71213 .74836 .71213 .74836 .71213 .74836 .7	.17628 .20656 .20656 .23951 .27554 .31380 .35414 .39617 .43941 .48335 .52747 .65557 .69523 .73269 .76765 .79988 .82924 .85567 .87917 .89982 .91776 .93315	.19353 .19353 .22561 .26048 .26790 .33758 .37913 .42209 .46598 .51025 .55436 .59778 .63999 .75504 .71899 .75504 .71899 .75504 .78841 .81894 .84652 .87115 .89288 .91181	.18269 .18269 .21382 .24782 .24788 .32352 .36458 .40724 .45099 .49532 .53967 .58350 .62629 .66755 .70684 .74380 .77815 .80968 .83827 .86388 .88656 .90638	.1735) 10 .17351 .20378 .23698 .23137 .35196 .43786 .44218 .52669 .57084 .61409 .57084 .61409 .73366 .76885 .80126 .83074 .85723 .88075 .90138	.16559 .11 .16559 .19509 .22756 .30072 .34085 .38283 .42622 .47049 .51509 .51509 .55948 .60310 .64544 .68602 .72444 .76037 .79355 .82382 .85110 .87538 .89673 .91528	.15861 12 .15861 .1874 .2192 .2539 .2912 .3329 .4157 .4599 .5046 .5492 .5384 .63584 .6769 .7159 .7864 .8174 .8174 .8174 .8174 .8174 .8174
0.20 0.10 0.00 0.00 0.10 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.20 1.30 1.40 1.50 1.50 1.50 1.60 1.70 1.90 2.00 2.10 2.20	. 42074 . 46017 . 500000 1 . 500000 . 53983 . 57926 . 61791 . 65542 . 69146 . 72575 . 75804 . 78814 . 81594 . 84134 . 86433 . 88493 . 90320 . 91924 . 93319 . 94520 . 95543 . 96407 . 97128 . 97128 . 97128 . 97128 . 97128	.29679 .33425 .37341 .2 .37341 .41390 .45531 .49720 .53909 .58053 .62107 .66030 .69765 .73339 .76667 .79749 .82572 .85130 .87422 .89455 .91238 .92781 .92781 .94118 .96186 .96973 .97620	.23852 .27316 .31011 .34906 .38964 .43490 .51682 .55943 .60133 .64206 .68121 .71842 .75336 .78502 .81563 .84269 .86698 .88854 .90788 .92388 .93798 .94994 .95998 .96831	.27069 .27069 .27069 .30794 .34727 .38828 .43056 .47362 .51695 .56056 .60244 .64361 .72067 .75586 .78849 .81839 .84547 .86972 .89119 .90997 .92622 .94011 .95186 .96167	.24319 .24319 .24319 .27891 .31697 .35705 .39875 .44161 .48513 .52880 .57210 .61451 .65557 .69484 .73196 .76663 .79863 .82783 .8	.19106 .22265 .22265 .25700 .25700 .33304 .37407 .41655 .45999 .54772 .59093 .741213 .74836 .78200 .81287 .84085 .86592 .88612 .90754 .92433 .93868 .95080	.17628 .20656 .20656 .23971 .27554 .31380 .35414 .39617 .43941 .48335 .52747 .57122 .61409 .65557 .69523 .73269 .76765 .7988 .73269 .76765 .7988	.19353 .19353 .22561 .26048 .29790 .33758 .37913 .42209 .46598 .51043 .51043 .59778 .63099 .75504 .71899 .75504 .84652 .87115 .89288 .91181 .92812 .94200	.18269 .18269 .21382 .24782 .24788 .32352 .36458 .40724 .45099 .49536 .53967 .58350 .62629 .66755 .70684 .74380 .77815 .86388 .88656 .90638 .92351 .93813	.1735) 10 .17351 .20378 .23698 .27293 .31137 .35196 .39428 .48218 .52669 .57084 .61409 .65593 .69592 .73366 .76885 .69592 .73366 .76885 .88075 .90138 .91925	.16559 .11 .16559 .19509 .22756 .2625 .30072 .34085 .38283 .42622 .47049 .51509 .55948 .60310 .64544 .68602 .72444 .76037 .79355 .82382 .85110 .87538 .89673 .91528	.15861 12 .15861 .1874 .2192 .25399 .2912 .3309 .3726 .4157 .4599 .5046 .5492 .5931 .63588 .6769 .7159 .7159 .7159 .7864 .8174 .8454 .8703 .8924 .9115 .9280
0.20 0.10 0.00 N H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.70 1.80 1.90 2.10 2.10 2.20 2.30	. 42074 . 46017 . 500000 . 530000 . 53983 . 57926 . 61791 . 65542 . 69146 . 72575 . 75804 . 78814 . 884134 . 884134 . 88493 . 90320 . 91924 . 93319 . 94520 . 95543 . 96407 . 97128 . 97725 . 98214 . 98610 . 98928	.29679 .33425 .37341 .2 .37341 .41390 .45531 .49720 .53909 .58053 .62107 .66030 .69765 .73339 .76667 .79749 .82572 .85130 .87422 .85130 .87422 .89455 .91238 .92785 .94112 .95239 .96186 .96973 .97620	.23852 .27316 .31011 .34906 .38964 .43144 .47400 .51682 .55943 .60133 .64206 .68121 .71842 .75336 .78582 .81563 .84269 .86698 .88854 .90746 .92388 .93798 .93798 .94994 .9598 .9598 .9598 .959831	.23580 .27069 .27069 .30794 .34727 .38828 .43056 .47362 .51695 .56006 .60244 .64361 .68315 .72067 .75586 .78849 .81839 .84547 .86972 .89119 .90997 .92622 .99119 .90997	.21009 .24319 .24319 .24319 .27891 .31697 .35705 .39875 .44161 .48513 .52880 .57210 .61451 .65557 .79863 .82783 .82783 .85415 .87760 .89826 .91624 .93170 .94486 .95591	.19106 .22265 .22265 .25700 .29389 .33304 .37407 .41655 .45999 .54772 .59093 .63304 .67358 .71213 .74836 .78200 .81287 .84085 .86592 .88812 .90754 .923868 .95680 .96092	.17628 .20656 .20656 .23971 .31380 .35414 .39617 .43941 .48335 .52747 .57122 .61409 .65557 .69523 .73269 .65557 .79988 .82924 .85567 .87917 .89177 .93315 .946713	.19353 .2561 .2561 .26048 .29790 .33758 .37913 .42209 .46598 .51025 .55436 .59778 .63999 .68053 .71899 .75504 .78841 .81894 .84652 .87115 .89281 .91181 .92812 .94200 .95367	.18269 .18269 .21382 .24782 .24782 .36458 .40724 .45099 .49532 .53967 .58350 .62629 .66755 .70684 .74380 .77815 .80968 .80968 .80968 .80968 .809638 .90638 .92351 .93813 .95046	.1735) .10 .17351 .20378 .23698 .27293 .31137 .35196 .39428 .43786 .48218 .52669 .65593 .69592 .73366 .76885 .76885 .88075 .90138 .91925 .93454	.16559 .11 .16559 .19509 .22756 .30072 .34085 .38283 .42622 .47049 .51509 .55948 .60310 .64544 .6862 .72444 .76037 .79352 .85110 .87538 .89673 .91528 .93120	.1586i .12 .1586i .1874 .2192 .2912i .3309i .3726i .4157i .5931: .6358i .6769i .7159; .7864i .8703; .8945i .89115i .9280; .9280;
0.20 0.10 0.00 0.00 0.10 0.20 0.30 0.40 0.50 0.70 0.80 0.70 0.80 1.10 1.20 1.30 1.40 1.50 1.50 1.80 1.90 2.10 2.20 2.20 2.30 2.40	. 42074 . 46017 . 500000 1 . 500000 . 53983 . 57926 . 61791 . 65542 . 69146 . 72575 . 75804 . 78814 . 81594 . 84134 . 88493 . 90320 . 91924 . 991929 . 95543 . 97128 . 97128 . 97128 . 98214 . 98610 . 98928	.29679 .33425 .37341 .2 .37341 .41390 .45531 .49720 .58053 .62107 .66030 .69765 .73339 .76667 .79749 .82572 .85130 .87422 .89455 .91238 .92782 .94112 .95239 .96186 .96973 .97620 .98146 .98569	. 23852 . 27316 . 31011 . 34906 . 38964 . 43144 . 47400 . 51682 . 55943 . 60133 . 64206 . 68121 . 71842 . 75336 . 68121 . 71842 . 75336 . 81563 . 84569 . 86698 . 88854 . 90746 . 92388 . 93798 . 94998 . 94988 . 9498	.23580 .27069 .27069 .30794 .34727 .38828 .43056 .47362 .51695 .56006 .60244 .64361 .68315 .72586 .75586 .75586 .78849 .88919 .90997 .92622 .94011 .95186 .96167 .96979 .97642	.21009 .24319 .24319 .27891 .31697 .35705 .39875 .44161 .48513 .52880 .57210 .61451 .65557 .69484 .73196 .76663 .79863 .79863 .85745 .87766 .89826 .91624 .93170 .94486 .95591 .96510 .97265	.19106 .22265 .22265 .25700 .29389 .33304 .37407 .41655 .45999 .54772 .59093 .63304 .67358 .71213 .74836 .71213 .74836 .71213 .74836 .7	.17628 .20656 .20656 .23971 .27554 .31380 .35414 .39617 .43941 .48335 .52747 .67122 .61409 .65557 .69523 .73269 .76765 .7988 .82924 .85567 .87917 .89982 .91776 .93315 .94620 .95713	.19353 .19353 .22561 .26048 .26790 .33758 .37913 .42209 .46598 .51025 .55436 .59778 .63999 .75504 .71899 .75504 .81894 .84652 .87115 .89288 .91181 .92812 .94200 .95337	.18269 9 .18269 .21382 .24788 .32352 .36458 .40724 .45099 .49532 .53967 .58350 .62629 .66755 .70684 .74380 .77815 .80968 .83827 .86388 .88656 .92351 .93813 .95046	.1735) 10 .17351 .20378 .23698 .23137 .35196 .43786 .43786 .448218 .52669 .57084 .61409 .57084 .61409 .57084 .61409 .57084 .61409 .57084 .61409 .57084 .61409 .57084 .61593 .69592 .73865 .80126 .83073 .88075 .90138 .91925 .93454 .94748	.16559 11 .16559 .19509 .22756 .30072 .34085 .38283 .42622 .47049 .51509 .51509 .55948 .60310 .4544 .68602 .72444 .76037 .79355 .82382 .85110 .87538 .89673 .91528 .93120 .94469 .95599	.15861 12 .15861 .1874 .2192 .2539 .2912 .3329 .4157 .4599 .5046 .5492 .5384 .6358 .6358 .6358 .6358 .7159 .7159 .7864 .8174
0.20 0.10 0.00 N H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.70 1.80 1.90 2.10 2.10 2.20 2.30	. 42074 . 46017 . 500000 . 530000 . 53983 . 57926 . 61791 . 65542 . 69146 . 72575 . 75804 . 78814 . 884134 . 884134 . 88493 . 90320 . 91924 . 93319 . 94520 . 95543 . 96407 . 97128 . 97725 . 98214 . 98610 . 98928	.29679 .33425 .37341 .2 .37341 .41390 .45531 .49720 .53909 .58053 .62107 .66030 .69765 .73339 .87422 .85130 .87422 .89455 .91238 .9278 .91238 .9278 .91238 .9278 .91238 .9278 .91238 .9278 .91239 .96186 .96973 .97620 .98146 .98569 .98907	.23852 .27316 .31011 .34906 .38964 .43144 .47400 .51682 .55943 .60133 .60133 .60133 .64206 .68121 .71842 .75336 .78502 .81563 .84269 .86698 .88854 .90788 .923888 .92388 .92388 .92388 .92388 .92388 .92388 .92388 .92388 .923888 .92388 .92388 .92388 .92388 .92388 .92388 .92388 .92388 .923888 .92388	.27069 .27069 .27069 .30794 .34727 .38828 .43052 .51695 .56056 .60244 .64361 .72067 .75586 .61839 .84547 .89119 .90972 .94011 .95186 .96167 .96979 .97642	.24319 .24319 .24319 .27891 .31697 .35705 .39875 .44161 .48513 .5280 .57210 .61557 .69484 .73196 .76663 .79863 .82783 .82	.19106 .22265 .22265 .25700 .33304 .37407 .41655 .45999 .54772 .59093 .741213 .74836 .78200 .81287 .84085 .86592	.17628 .20656 .20656 .23971 .27554 .31380 .35414 .39617 .43941 .48335 .52747 .67122 .61409 .65557 .69523 .73269 .76765 .7988 .85567 .87918 .85567 .87918 .91776 .93315 .94620 .95719 .957619	.19353 .19353 .22561 .26048 .29790 .33758 .37913 .42209 .46598 .51043 .51043 .59778 .63959 .71899 .75504 .84653 .71899 .75504 .81894 .84615 .89288 .91181 .9281 .94200 .95367 .96336 .97132	.18269 .18269 .21382 .24788 .32352 .36458 .40724 .45099 .49536 .53967 .58350 .62629 .66755 .70684 .74380 .77815 .86388 .88656 .90638 .92351 .93813 .95046 .96074 .96920	•1735)  10  •17351 •20378 •23698 •27293 •31137 •35196 •39426 •48218 •52669 •57084 •61409 •65593 •69592 •73366 •76885 •80126 •83074 •85723 •8075 •90138 •91925 •93454 •94748 •95829	.16559 11 .16559 .19509 .22756 .26285 .30072 .34085 .38283 .42622 .47049 .51509 .55948 .60310 .64544 .68602 .72444 .76037 .79355 .82382 .85110 .87538 .89673 .91528 .93120 .94699 .95599	.1586 12 .1586 .1874 .2192 .2539 .2912 .33309 .3726 .4157 .5046 .5492 .5931 .6358 .6769 .7159 .7
0.20 0.10 0.00 N H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.20 1.30 1.40 1.50 1.50 1.70 1.80 1.90 2.10 2.20 2.30	. 42074 . 46017 . 500000 1 . 500000 . 53983 . 57926 . 61791 . 65542 . 69146 . 72575 . 75804 . 78814 . 81594 . 84134 . 86433 . 88493 . 88493 . 91924 . 93319 . 94520 . 95543 . 97128 . 97128 . 97128 . 97128 . 98100 . 98928 . 99180 . 99379	.29679 .33425 .37341 .2 .37341 .41390 .45531 .49720 .58053 .62107 .66030 .69765 .73339 .76667 .79749 .82572 .85130 .87422 .89455 .91238 .92782 .94112 .95239 .96186 .96973 .97620 .98146 .98569	. 23852 . 27316 . 31011 . 34906 . 38964 . 43144 . 47400 . 51682 . 55943 . 60133 . 64206 . 68121 . 71842 . 75336 . 68121 . 71842 . 75336 . 81563 . 84569 . 86698 . 88854 . 90746 . 92388 . 93798 . 94998 . 94988 . 9498	.23580 .27069 .27069 .30794 .34727 .38828 .43056 .47362 .51695 .56006 .60244 .64361 .68315 .72067 .75586 .78849 .81839 .84547 .899119 .90992 .99118 .99119 .90979 .94011 .95186 .96167 .96979 .97642 .98177 .98605	.21009 .24319 .24319 .24319 .27891 .31697 .35705 .39875 .44161 .48513 .52880 .57210 .61451 .65557 .79863 .82783 .85415 .87760 .89826 .91624 .93170 .9486 .95591 .96510 .97878 .97878	.19106 .22265 .22265 .25700 .25389 .33304 .37407 .41655 .45999 .54772 .59093 .67358 .71213 .74836 .78200 .81287 .84085 .86592 .88812 .90754 .923868 .95680 .96092 .96692 .96692 .96692 .96692 .96698 .96698	.17628 .20656 .20656 .23971 .31380 .35414 .39617 .43941 .48335 .52747 .57122 .61409 .65557 .69523 .73269 .76765 .79988 .82924 .85567 .87917 .87917 .91776 .93315 .94620 .95713 .96619 .97361 .97960	.19353 .19353 .22561 .26048 .29790 .33758 .37913 .42209 .46598 .51025 .55436 .59778 .68053 .71899 .68053 .71899 .75504 .78841 .81894 .84652 .87115 .89288 .91181 .92812 .94200 .953367 .96336 .97179	.18269 .18269 .21382 .24782 .24782 .36458 .40724 .45099 .49532 .53967 .58350 .62629 .66755 .70684 .74380 .77815 .80968 .80658 .80658 .90638 .92351 .93813 .95046 .96074 .96074 .96074	.1735)  10  .17351 .20378 .23698 .23698 .31137 .35196 .39428 .43786 .48218 .52669 .57084 .61409 .65593 .69592 .73366 .76885 .80126 .88075 .90138 .91925 .93454 .95829 .97450	.16559 .11 .16559 .19509 .22756 .30072 .34085 .38283 .42622 .47049 .51509 .55948 .60310 .64544 .68602 .72444 .76037 .79352 .85110 .87538 .89673 .91528 .93120 .94469 .95599 .95599 .97300	.1586i 12 .1586i .1874i .2192i .2192i .3709i .3726i .4597i .5931i .6358i .6759i .7159i
0.20 0.10 0.00 N H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.40 1.50 1.70 1.80 1.70 1.80 1.70 1.80 1.20 2.10 2.20 2.30 2.40 2.20 2.30 2.40 2.50	. 42074 .46017 .50000 1 .50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .884134 .88433 .88493 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214 .98610 .99379 .99534	.29679 .33425 .37341 .2 .37341 .41390 .45531 .49720 .53909 .58053 .62107 .66030 .69765 .73339 .76667 .79749 .82572 .85130 .87422 .85130 .87422 .89455 .91238 .92785 .94112 .95239 .96186 .967620 .98146 .98569 .98569 .98569 .98569 .98569 .98569 .98569 .98569 .98569 .98569 .98572	.23852 .27316 .31011 .34906 .38964 .43144 .47400 .51682 .55943 .60133 .64206 .68121 .71842 .75336 .78582 .81563 .84269 .86698 .88854 .90746 .92388 .93798 .93798 .94994 .9598 .96831 .97515 .98070 .98515 .98869	.27069 .27069 .27069 .30794 .34727 .38828 .43052 .51695 .56056 .60244 .64361 .72067 .75586 .61839 .84547 .89119 .90972 .94011 .95186 .96167 .96979 .97642	.21009 .24319 .24319 .27891 .31697 .35705 .39875 .44161 .48513 .52880 .57210 .61451 .65557 .69484 .73196 .76863 .82783 .85415 .87760 .89826 .91624 .93170 .94486 .95510 .97265 .97878 .98370 .98760	.19106 .22265 .22265 .25700 .33304 .37407 .41655 .45999 .54772 .59093 .741213 .74836 .78200 .81287 .84085 .86592	.17628 .20656 .20656 .23971 .27554 .31380 .35414 .39617 .43941 .48335 .52747 .65557 .69523 .73269 .76765 .79988 .82924 .85567 .87917 .89982 .91776 .93315 .94620 .95713 .96619 .97361 .97960	.19353 .19353 .22561 .26048 .26790 .33758 .37913 .42209 .46598 .51025 .55436 .59778 .63999 .75504 .71899 .75504 .81894 .84652 .87115 .89288 .91181 .92812 .94200 .9536 .97132 .97779 .98297	.18269 .18269 .18269 .21382 .24782 .24782 .36458 .40724 .45099 .49532 .53967 .58350 .62629 .66755 .70684 .74380 .7815 .80968 .83628 .88656 .9038 .93813 .95046 .96074 .96920 .97609 .98163	.1735) 10 .17351 .20378 .23698 .23137 .35196 .43786 .43786 .448218 .52669 .57084 .61409 .57084 .61409 .57084 .61409 .57084 .61409 .57084 .61409 .57084 .61409 .57084 .61409 .57084 .61409 .57084 .61409 .57084 .61409 .57084 .61409 .57084 .61409 .57084 .61409 .57084 .61409 .57084 .61409 .57084 .61409 .61408 .6140	.16559 .11 .16559 .19509 .22756 .20072 .34085 .38283 .42622 .47049 .51509 .51509 .55948 .60310 .4544 .68602 .72444 .76037 .79355 .82382 .85110 .87538 .89673 .91528 .93120 .94599 .95599 .95599 .95599 .975918	.1586i 12 .1586i .1874 .21539 .2912 .3309 .4157 .4599 .5046 .5492 .5736i .6769 .7159 .7864 .8173 .89124 .89124 .9280 .9420 .9420 .9420 .9535 .9715
0.20 0.10 0.00 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.40 1.50 1.70 1.80 1.90 2.10	. 42074 .46017 .50000 1 .50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .884134 .88433 .88493 .91924 .93319 .94520 .95543 .96407 .97128 .97128 .98214 .98610 .99379 .99534 .99534 .99534 .99534 .99534 .99534 .99534 .99534 .99534 .99534 .99534 .99534 .99534 .99653 .99744 .99813	.29679 .33425 .37341 .2 .37341 .41390 .45531 .49720 .53909 .58053 .62107 .66030 .69765 .73339 .76667 .79749 .82572 .85130 .87422 .89455 .91238 .92785 .94112 .95239 .96186 .96569 .98569 .98569 .98569 .98569 .98569 .99539 .99539	. 23852 . 27316 . 31011 . 34906 . 38964 . 43144 . 47400 . 51682 . 55943 . 60133 . 64206 . 68121 . 71842 . 75336 . 68121 . 71842 . 75336 . 81563 . 84563 . 84569 . 86698 . 86698 . 86698 . 93798 . 93798 . 94998 . 94988 . 9498	.23580 .27069 .27069 .30794 .34727 .38828 .43056 .47362 .51695 .56006 .60244 .64361 .68315 .75586 .75586 .78849 .89119 .90997 .92622 .94011 .95186 .96167 .96979 .97642 .98177 .98605 .98943	.21009 .24319 .24319 .24319 .27891 .31697 .35705 .39875 .44161 .48513 .52880 .57210 .61451 .65557 .79863 .82783 .85415 .87760 .89826 .91624 .93170 .9486 .95591 .96510 .97878 .97878	.19106 .22265 .22265 .25700 .33304 .37407 .41655 .45999 .54772 .59389 .54772 .59389 .54772 .59389 .63304 .67358 .71213 .74836 .78200 .81287 .78200 .81287 .90754 .92433 .93868 .95080 .96092 .96927 .97608 .98598	.17628 .20656 .20656 .23971 .27554 .31380 .35414 .39617 .43941 .48335 .52747 .65557 .69523 .73269 .76765 .79988 .82924 .85567 .87917 .89982 .91776 .93315 .94620 .95713 .96619 .97361 .97960	.19353 .19353 .2561 .26048 .29790 .33758 .37913 .4209 .46598 .51043 .51043 .51043 .51043 .51043 .63053 .71899 .75504 .81894 .84615 .89288 .91181 .9281 .94200 .95367 .97779 .98297 .98297 .98708	.18269 .18269 .21382 .24782 .24782 .36458 .40724 .45099 .49532 .53967 .58350 .62629 .66755 .70684 .74380 .77815 .80968 .80658 .80658 .90638 .92351 .93813 .95046 .96074 .96074 .96074	.1735)  10  .17351 .20378 .23698 .23698 .31137 .35196 .39428 .43786 .48218 .52669 .57084 .61409 .65593 .69592 .73366 .76885 .80126 .88075 .90138 .91925 .93454 .95829 .97450	.16559 .11 .16559 .19509 .22756 .30072 .34085 .38283 .42622 .47049 .51509 .55948 .60310 .64544 .68602 .72444 .76037 .79352 .85110 .87538 .89673 .91528 .93120 .94469 .95599 .95599 .97300	.1586i 12 .1586i .1674 .21539 .2912 .3309 .3726 .4157 .4592 .5046 .5492 .5931 .6368 .6769 .7159 .7159 .7864 .8703 .8924 .9115 .9280 .945 .950 .950 .9780 .9780 .9780 .9780 .9780 .9780 .9780 .9780 .9780 .9780 .9780 .9780 .9780
0.20 0.10 0.00 0.10 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 1.10 1.20 1.30 1.40 1.50 1.50 1.50 1.50 1.80 1.90 2.10 2.10 2.20 2.30	. 42074 . 46017 . 500000 1 . 500000 1 . 500000 . 53983 . 57926 . 61791 . 65542 . 69146 . 725804 . 725804 . 78814 . 881594 . 88134 . 88493 . 90320 . 91924 . 991320 . 95543 . 97128 . 9	.29679 .33425 .37341 .2 .37341 .41390 .45531 .49720 .53909 .58053 .62107 .66030 .69765 .73339 .76667 .79749 .82572 .85130 .87422 .85130 .87422 .95239 .96186 .94112 .95239 .96186 .96973 .97620 .98146 .96977 .99172 .99379 .99569 .99561	. 23852 . 27316 . 31011 . 34906 . 38964 . 43144 . 47400 . 51682 . 5593 . 660133 . 64206 . 68121 . 71842 . 75336 . 68121 . 71842 . 75336 . 81563 . 84269 . 86698 . 88854 . 90746 . 92388 . 93798 . 94998 . 9498 . 94	.23580 .27069 .27069 .30794 .34727 .38828 .43056 .47362 .51695 .56006 .60244 .64361 .68315 .75586 .75586 .78849 .8912 .9997 .92622 .94011 .95186 .96167 .96979 .97642 .98177 .98943 .99567	.21009 .24319 .24319 .27891 .31697 .35705 .39875 .44161 .48513 .52880 .57210 .61451 .65557 .69484 .73196 .76663 .92783 .85415 .87760 .99486 .93170 .94486 .95510 .97265 .97378 .98370 .98760 .99305 .99487	.19106 .22265 .22265 .25700 .29389 .33304 .37407 .41655 .45999 .54772 .59093 .63304 .67358 .71213 .74836 .78200 .81287 .84085 .86592 .88812 .90754 .92433 .93868 .95080 .96927 .97608 .98156 .98594 .98938 .98938	.17628 .20656 .20656 .23971 .27554 .31380 .35414 .39617 .43941 .48335 .52747 .65557 .69523 .73269 .79988 .82924 .85567 .87917 .89982 .91776 .93315 .94620 .95713 .96619 .97960 .98819 .99115	.19353 .22561 .26048 .26790 .33758 .37913 .42209 .46598 .51025 .55436 .59778 .63999 .75504 .75504 .75841 .81894 .84652 .87115 .89288 .91181 .92812 .94200 .95367 .96336 .97779 .98297 .98297 .98708 .99279	.18269 .18269 .21382 .24782 .24782 .24788 .32352 .36458 .40724 .45099 .49536 .53967 .58350 .62629 .77815 .80968 .83827 .7815 .80968 .83827 .86388 .88656 .90638 .92351 .93813 .95046 .96074 .96920 .97609 .98163 .98163	.1735) 10 .17351 .20378 .23698 .27293 .31137 .35196 .39428 .43786 .448218 .52669 .57084 .61409 .65593 .69592 .73366 .76885 .80126 .83074 .85723 .88075 .90138 .91925 .93454 .94748 .95829 .96722 .97450 .98037	.16559 .11 .16559 .19509 .22756 .26285 .30072 .34085 .38283 .42622 .47049 .51509 .55948 .60310 .68602 .72444 .76037 .79355 .82312 .85110 .87538 .89673 .91528 .93120 .94599 .95599 .95599 .975918 .98411 .98800 .99103	.1586i .12 .1586i .1874i .2192i .2912i .3309i .3726i .4157i .4597i .5931i .6358i .6769i .7159i .7159i .7844i .8454i .8454i .8454i .8703i .9280i .9315i .9280i .9715i .9715i .9715i .9715i .9780i
0.20 0.10 0.00 N H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.20 1.30 1.40 1.50 1.70 1.80 1.90 2.10 2.20 2.30	. 42074 . 46017 . 500000 1 . 500000 . 53983 . 57926 . 61791 . 65542 . 69146 . 72570 . 75804 . 78814 . 86433 . 88493 . 88493 . 88493 . 894920 . 91924 . 93520 . 91924 . 93520 . 91924 . 935643 . 94520 . 985643 . 98610 . 98928 . 99180 . 99379 . 99533 . 99744 . 99633 . 99744 . 99865 . 99903	.29679 .33425 .37341 .2 .37341 .41390 .45531 .49720 .53909 .58053 .62107 .66030 .69765 .73339 .87422 .85130 .87422 .89453 .91238 .92781 .91238 .92781 .95239 .96186	.23852 .27316 .31011 .34906 .38964 .43144 .47400 .51682 .55943 .60133 .64206 .68121 .71842 .75336 .78502 .81563 .84269 .86698 .88854 .90746 .92388 .88854 .90746 .92388 .987515 .98070 .98515 .98070 .98515 .98070 .99529 .99529 .99529 .99555	.23580 .27069 .27069 .27069 .30794 .34727 .38828 .43052 .51695 .560244 .64361 .62067 .758849 .81839 .84547 .89119 .90922 .94011 .95186 .96167 .96979 .976427 .98177 .98605 .98177 .98605 .99208 .99412 .99567 .99685	. 21009 . 24319 . 24319 . 24319 . 21697 . 31697 . 315705 . 348161 . 48513 . 52810 . 57210 . 61451 . 65557 . 69484 . 73196 . 79863 . 82783 . 92783 . 92	.19106 .22265 .22265 .25700 .33304 .37407 .41655 .45999 .54772 .59389 .54772 .59389 .54772 .59389 .54772 .59389 .54772 .59389 .74836 .71213 .74836 .78200 .81287 .78200 .81287 .90754 .92433 .93868 .95080 .96992 .96992 .96992 .96992 .96993 .98598 .98598 .98598 .98598 .998156 .98598 .998157 .99817	.17628 .20656 .20656 .23971 .31380 .35414 .3941 .43941 .48335 .52747 .57122 .61409 .65557 .69557 .73269 .76765 .79984 .85567 .879176 .93315 .94620 .95713 .96619 .97361 .97960 .98819 .99344 .99519	.19353 .19353 .22561 .26048 .29790 .33758 .37913 .42209 .46598 .515436 .59778 .63999 .75504 .81894 .84615 .89188 .91181 .9281 .9281 .94200 .9536 .97132 .97779 .9829 .99470 .99279	.18269 9 .18269 .21382 .24782 .24788 .32352 .36458 .40724 .45099 .45099 .45099 .66755 .70684 .77815 .86388 .88656 .90638 .92351 .93813 .95046 .96074 .96920 .97609 .98163 .98949 .99217 .99423	.1735) 10 .17351 .20378 .23698 .27293 .31137 .35196 .39428 .48218 .52669 .57084 .61409 .65593 .69592 .73366 .76885 .88075 .90138 .91925 .93454 .94748 .95829 .96722 .97450 .98037 .98505 .98873 .99159	.16559 .11 .16559 .19509 .22756 .26285 .30072 .34085 .38283 .42622 .47049 .51509 .55948 .60310 .64544 .68602 .72444 .76037 .79355 .82382 .85110 .87538 .89673 .91528 .93120 .94599 .95599 .95599 .97918 .98800 .99103 .99337	.1586 .12 .1586 .1874 .2192 .2539 .2912 .3309 .3726 .4597 .5046 .5492 .5398 .63588 .67696 .7159 .7
0.20 0.10 0.00 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.70 1.80 1.90 2.10 2.20 2.30 2.30 2.40 2.50	. 42074 .46017 .50000 1 .50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .884134 .88433 .88493 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97128 .99452 .99534 .99534 .99534 .99534 .99534 .99534 .99534 .99534 .99534 .99534 .99534 .99534 .99534 .99653 .99744 .99813 .99865 .99981 .99981 .99981 .99993	. 29679 . 33425 . 37341 . 2 . 37341 . 41390 . 4553 . 64030 . 69765 . 73339 . 76667 . 797572 . 85130 . 87422 . 87422 . 89455 . 91238 . 92785 . 94112 . 95239 . 96186 . 96973 . 97620 . 98146 . 98539 . 98172 . 99172 . 99827 . 99827	.23852 .27316 .31011 .34906 .38964 .43144 .47400 .51682 .55913 .64206 .68121 .71842 .75336 .78582 .81563 .84269 .86698 .88854 .90746 .92388 .94994 .9598 .94994 .9598 .96951 .98515 .98515 .9869 .99555 .99655 .99750 .99821	.23580 .27069 .27069 .30794 .34727 .38828 .43056 .51695 .56006 .60244 .64361 .68315 .72067 .75586 .78849 .89119 .90992 .89119 .90992 .89119 .90992 .98165 .96167 .9	.21009 .24319 .24319 .27891 .31697 .35705 .39875 .44161 .48513 .52880 .57210 .61451 .65557 .73196 .76663 .82783 .85415 .87760 .89826 .91624 .91624 .91626	.19106 .22265 .22265 .25700 .25389 .33304 .37407 .41655 .45999 .50389 .59703 .63304 .71213 .74836 .78200 .81287 .84085 .86592 .86812 .92433 .93868 .95692 .96927 .97606 .98938 .98938 .98938 .98938 .98938 .999413 .99568	.17628 .20656 .20656 .23971 .31380 .35414 .39617 .43941 .48335 .52747 .57122 .61409 .61409 .73269 .73269 .73269 .73269 .79988 .82924 .85567 .87917 .89177 .99315 .94629 .95713 .96619 .97361 .97960 .98819 .97361 .98840 .98819 .99344 .99519	.19353 .2561 .26048 .29790 .33758 .42209 .46598 .51025 .55436 .59799 .68053 .71899 .75504 .78841 .81894 .78841 .81894 .91181 .92812 .94200 .95367 .96336 .97177 .9879 .99030 .99279 .99614	.18269 9 .18269 .21382 .24782 .24782 .32352 .36458 .40724 .45099 .49532 .53967 .58350 .62629 .66755 .70684 .74380 .77815 .80968 .77815 .80968 .90638 .92351 .93813 .95046 .96074 .96920 .97609 .98163 .98603 .98949 .99217 .99423 .99580	.1735) 10 .17351 .20378 .23698 .23698 .31137 .35196 .43786 .43786 .443786 .452669 .57084 .61409 .65593 .69593 .69593 .80126 .73366 .76885 .80126 .73366 .7488.75 .90138 .91925 .93454 .95829 .97450 .98037 .98537 .99159 .99347	.16559 .11 .16559 .19509 .22756 .30072 .34085 .38283 .42622 .47049 .51509 .55948 .60310 .64544 .68602 .72444 .76037 .79352 .85110 .87538 .89673 .91528 .93120 .94469 .95599 .97300 .9748 .97300 .97918 .98800 .99103 .99337 .99515	.15866 .12 .15866 .1874 .2192 .29126 .37266 .4157 .4597 .59312 .6358 .67696 .7159 .7159 .7844 .8454 .8454 .8703 .9915 .9280 .9915 .9715 .9780 .9780 .9780 .9780 .9905 .9905 .9929
0.20 0.10 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.70 0.80 1.10 1.20 1.30 1.40 1.50 1.50 1.60 1.70 2.10 2.10 2.20 2.30	. 42074 . 46017 . 500000 1 . 500000 1 . 500000 . 500000 . 61792 . 69146 . 725804 . 725804 . 781594 . 84134 . 84433 . 88493 . 90320 . 91924 . 94520 . 95543 . 97128 . 9	.29679 .33425 .37341 .2 .37341 .41390 .45531 .49720 .58053 .62107 .66030 .69765 .73633 .62107 .6667 .79749 .82572 .85130 .87422 .85130 .87422 .95239 .96186	. 23852 . 27316 . 31011 . 34906 . 38964 . 43144 . 47400 . 51682 . 5593 . 660133 . 64206 . 68121 . 71842 . 75336 . 68121 . 71842 . 75336 . 81563 . 84269 . 86698 . 88854 . 90746 . 92388 . 93798 . 94998 . 9498 . 949	.23580 .27069 .27069 .30794 .34727 .38828 .43056 .47362 .51695 .56006 .60244 .64361 .68315 .75586 .75586 .78849 .89119 .90997 .92622 .9411 .95186 .96167 .96979 .97642 .989177 .98605 .98943 .99412 .99685 .99412 .99685 .99773 .99838	.21009 .24319 .24319 .27891 .31697 .35705 .39875 .44161 .48513 .52880 .57210 .61451 .65557 .69484 .73196 .76663 .92783 .85415 .87760 .99486 .93170 .94486 .95510 .97265 .97878 .98370 .99487 .998760 .999626 .99729 .99806	.19106 .22265 .22265 .25700 .29389 .33304 .37407 .41655 .45999 .54772 .59093 .63304 .67358 .71213 .74836 .78200 .81287 .84085 .86592 .88812 .90754 .92433 .93868 .95680 .96927 .97608 .98158 .98594 .98594 .98594 .98594 .99570 .99689 .99570 .99689	.17628 .20656 .20656 .23971 .27554 .31380 .35414 .39617 .43941 .48335 .52747 .67122 .61409 .65557 .69523 .73269 .79988 .82924 .85567 .87917 .89982 .91776 .93315 .94620 .95713 .96619 .97960 .98819 .99115 .99519 .99519 .99519 .99550	.19353 .19353 .22561 .26048 .26790 .33758 .37913 .42209 .46598 .51025 .55436 .59778 .63999 .75504 .71899 .75504 .81894 .84652 .87115 .89288 .91181 .92812 .94200 .9536 .97132 .97779 .98297 .98708 .99279 .99279 .99279 .99279	.18269 .18269 .18269 .21382 .24782 .24782 .36458 .40724 .45099 .49536 .53967 .58350 .626755 .70684 .74380 .77815 .80968 .83626 .90638 .88656 .90638 .9351 .93813 .95046 .96920 .976074 .96920 .976074 .98163 .98603 .98949 .99217 .99423 .995697	.1735) 10 .17351 .20378 .23698 .23293 .31137 .35196 .43786 .44218 .52669 .57084 .61409 .57084 .61409 .69592 .73366 .83074 .88075 .90138 .91925 .93454 .94782 .97450 .98037 .98505 .98037 .99159 .99379	.16559 .11 .16559 .19509 .22756 .26285 .30072 .34085 .38283 .42622 .47049 .51509 .51509 .55948 .60310 .486602 .72444 .76037 .79355 .82382 .85110 .87538 .89673 .91528 .93120 .94599 .95599 .95599 .95599 .97918 .98411 .98800 .99103 .99337 .99515	.15866 .12 .15866 .1874 .2192 .2539 .29126 .37266 .4157 .4597 .5046 .5492 .5931 .63588 .67696 .71595 .7864 .8454 .8454 .8703 .89245 .9280 .9420
0.20 0.10 0.00 0.00 0.10 0.20 0.30 0.50 0.60 0.70 0.80 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.70 1.80 1.90 2.10 2.20 2.30 2.30 2.40 2.50	. 42074 .46017 .50000 1 .50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .884134 .88433 .88493 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97128 .99452 .99534 .99534 .99534 .99534 .99534 .99534 .99534 .99534 .99534 .99534 .99534 .99534 .99534 .99653 .99744 .99813 .99865 .99981 .99981 .99981 .99993	. 29679 . 33425 . 37341 . 2 . 37341 . 41390 . 4553 . 64030 . 69765 . 73339 . 76667 . 797572 . 85130 . 87422 . 87422 . 89455 . 91238 . 92785 . 94112 . 95239 . 96186 . 96973 . 97620 . 98146 . 98539 . 98172 . 99172 . 99827 . 99827	.23852 .27316 .31011 .34906 .38964 .43144 .47400 .51682 .55913 .64206 .68121 .71842 .75336 .78582 .81563 .84269 .86698 .88854 .90746 .92388 .94994 .9598 .94994 .9598 .96951 .98515 .98515 .9869 .99555 .99655 .99750 .99821	.23580 .27069 .27069 .30794 .34727 .38828 .43056 .51695 .56006 .60244 .64361 .68315 .72067 .75586 .78849 .89119 .90992 .89119 .90992 .89119 .90992 .98165 .96167 .9	.21009 .24319 .24319 .27891 .31697 .35705 .39875 .44161 .48513 .52880 .57210 .61451 .65557 .73196 .76663 .82783 .85415 .87760 .89826 .91624 .91624 .91626	.19106 .22265 .22265 .25700 .25389 .33304 .37407 .41655 .45999 .50389 .59703 .63304 .71213 .74836 .78200 .81287 .84085 .86592 .86812 .92433 .93868 .95692 .96927 .97606 .98938 .98938 .98938 .98938 .98938 .999413 .99568	.17628 .20656 .20656 .23971 .31380 .35414 .39617 .43941 .48335 .52747 .57122 .61409 .61409 .73269 .73269 .73269 .73269 .79988 .82924 .85567 .87917 .89177 .99315 .94629 .95713 .96619 .97361 .97960 .98819 .97361 .98840 .98819 .99344 .99519	.19353 .2561 .26048 .29790 .33758 .42209 .46598 .51025 .55436 .59799 .68053 .71899 .75504 .78841 .81894 .78841 .81894 .91181 .92812 .94200 .95367 .96336 .97177 .9879 .99030 .99279 .99614	.18269 9 .18269 .21382 .24782 .24782 .32352 .36458 .40724 .45099 .49532 .53967 .58350 .62629 .66755 .70684 .74380 .77815 .80968 .77815 .80968 .90638 .92351 .93813 .95046 .96074 .96920 .97609 .98163 .98603 .98949 .99217 .99423 .99580	.1735) 10 .17351 .20378 .23698 .23698 .31137 .35196 .43786 .43786 .443786 .452669 .57084 .61409 .65593 .69593 .69593 .80126 .73366 .76885 .80126 .73366 .7488.75 .90138 .91925 .93454 .95829 .97450 .98037 .98537 .99159 .99347	.16559 .11 .16559 .19509 .22756 .30072 .34085 .38283 .42622 .47049 .51509 .55948 .60310 .64544 .68602 .72444 .76037 .79352 .85110 .87538 .89673 .91528 .93120 .94469 .95599 .97300 .9748 .97300 .97918 .98800 .99103 .99337 .99515	.15866 .12 .15866 .1874 .2192 .29126 .37266 .4157 .4597 .59312 .6358 .67696 .7159 .7159 .7844 .8454 .8454 .8703 .9915 .9280 .9915 .9715 .9780 .9780 .9780 .9780 .9905 .9905 .9929

 $Table \ II$  Probability that \ N \ standard normal random variables with common correlation \ P \ are simultaneously less than or equal to \ H.

_ N	1	2	3	4	5	6	7	8	9	10	11	12
	-	_	_			_		_				
-н												
-"												
3.50	.00023	.00004	.00001	.00001	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000
3.40	.00034	.00006	.00002	.00001	.00001	.00001	.00000	.00000	.00000	.00000	.00000	.00000
3.30	.00048	.00009	.00004	.00002	.00001	.00001	.00001	.00001	.00000	.00000	.00000	.00000
3.20	.00069	.00013	.00006	.00003	.00002	.00001	.00001	.00001	.00001	.00001	.00001	.00000
3.10	.00097	.00020	.00009	.00005	.00003	.00002	.00002	.00001	.00001	100001	.00001	.00001
3.00	.00135	.00029	.00013	800CO.	.00005	.00004	.00003	.00002	.00002	.00002	100001	.00001
2.90	.00187	.00043	.00020	.00012	.00008	.00006	.00005	.00004	.00003	.00003	.00002	.00002
2.80	.00256	.00062	.00029	.00018	.00012	.00009	.00007	.00006	.00005	.00004	.00004	.00003
2.70	.00347	.00090	.00043	.00027	.00019	.00014	.00011	.00009	.00008	.00007	.00006	.00005
2.60	.00466	.00128	.00063	.00040	.00028	.00021	.00017	.00014	.00012	.00010	.00009	.00008
2.50	.00621	.00179	.00092	.00059	.00042	.00032	.00026	.00022	.00018	.00016	.03014	.00013
2.40	.00820	.00250	.00131	.00085	.00062	.00048	.00039	.00033	.00028	.00024	.00022	.00019
2.30	.01072	.00345	.00186	.00123	.00090	.00070	.00057	.00048	.00042	.00037	.00033	.00029
2.20	.01390	.00470	.00260	.03174	.00129	.00102	.00084	.00071	.00062	.00055	.00049	.00044
2.10	.01786	.00636	.00360	.00245	.00184	.00147	.00122		.00000			
								.00104		.00080	.00072	.00065
3.00	.02275	.00850	.00494	.00342	.00259	.00209	.00174	.00149	.00131	.00116	.00105	.00095
1.90	.02872	.01125	.00670	.00471	.00361	.00293	.00246	.00213	.00187	.00167	.00151	.00138
1.80	.03593	.01475	.00899	.00641	.00498	.00407	.00345	.00299	.00264	.00237	.00215	.00197
1.70	.04457	.01914	.01193	.00864	.00678	.00559	.00477	.00416	.00370	.00333	.00303	.00279
1.60	.05480	.02460	.01569	.01153	.00914	,00760	.00652	.00572	.00511	.00462	.00422	.00390
1.50	.06681	.03130	.02041	.01521	.01219	.01021		.03778				
							.00882		.00698	.00634	.00582	.00538
1.40	.08076	.03945	.02627	.01987	.01608	.01358	.01180	.01047	.00943	.00860	.00792	.00735
1.30	.09680	.04924	.03349	.02567	.02099	.01786	.01562	.01393	.01261	.01155	.01067	.00993
1.20	.11507	.06088	.04226	.03283	.02711	.02325	.02046	.01834	.01667	.01533	.01421	.01327
1.10	.13567	.07455	.05280	.04156	.03464	.02993	.02650	.02388	.02180	.02012	.01872	.01753
1.00	.15866	.09046	.06532	.05207	.04382	.03814		.03076				
							.03396		.02821	.02612	.02439	.02291
0.90	. 18406	.10874	.08002	.06459	.05485	.04808	.04307	.03920	.03610	.03356	.03143	.02962
0.80	.21186	.12954	.09709	.07933	.06797	.06000	.05406	.04943	.04571	.04265	.04007	.03787
0.70	.24196	. 15293	.11668	.09647	.08338	.07411	.06715	.06169	.05728	.05363	.05055	.04790
0.60	. 27425	.17896	.13891	.11618	.10127	.09062	.08255	.07620	.07103	.06674	.06309	.05996
0.50	.30854	.23761	.16386	.13859	.12181	.10970	.10047	.09315	.08718	.08218	.07794	.07427
0.40	. 34458	.23878	.19153	.16375	.14509	.13150	.12107	.11274	10591	.10018		.09104
		37335									.09528	
0.30	.38209	. 27235	.22187	.19170	.17118	.15611	. 14445	.13510	.12738	.12088	.11531	.11046
0.20	.42074	.30809	.25478	.22237	.20008	. 18356	.17069	.16031	.15170	.14441	.13814	.13267
0.10	.45017	.34575	.29006	.25565	. 23172	.21382	.19979	.18840	.17891	.17084	.16388	.15777
0.00	. 50000	.38497	.32746	. 29135	.26594	.24679	.23167	.21932	.20899	.20017	.19252	.18580
	<del>†</del>											
N	1 ,	2	1	Δ.	Б.	4						
N	1	2	3	4	5	6	7	8	9	10	1.1	12
N	,	2	3	4	5	6	7	8	9	10	1 1	12
	1	2	3	4	5	6	7	8	9	10	11	12
I N	1	2	3	4	5	6	7	8	9	10	11	12
	1	2	3	4	5	6	7	8	<b>&gt;</b>	10	11	12
		2	3	4	5	6	7	8	<b>&gt;</b>	10	11	12
	.50000	. 38497	.32746	•29135								<u> </u>
	.50000	• 38497	• 32746	•29135	• 26594	.24679	.23167	.21932	.20899	•20017	.19252	.18580
0.00 0.10	•50000 •53983	•38497 •42540	• 32746 • 36666	•29135 •32920	• 26594 • 30255	.24679 .28229	· 23167 · 26618	·21932 ·25296	• 20899 • 24184	•20017 •23231	.19252	.18580 .21671
H 0.00 0.10 0.20	.50000 .53983 .57926	• 38497 • 42540 • 46661	• 32746 • 36666 • 40728	•29135 •32920 •36886	• 26594 • 30255 • 34123	.24679 .28229 .32005	• 23167 • 26618 • 30310	.21932 .25296 .28912	.20899 .24184 .27730	•20017 •23231 •26712	.19252 .22402 .25824	.18580 .21671 .25038
0.00 0.10 0.20 0.30	.50000 .53983 .57926 .61791	•38497 •42540 •46661 •50817	• 32746 • 36666 • 40728 • 44891	.29135 .32920 .36886 .40995	• 26594 • 30255 • 34123 • 38164	.24679 .28229 .32005 .35976	. 23167 . 26618 . 30310 . 34214	.21932 .25296 .28912 .32752	.20899 .24184 .27730 .31510	.20017 .23231 .26712 .30437	.19252 .22402 .25824 .29497	.18580 .21671 .25038 .28663
0.00 0.10 0.20 0.30 0.40	.50000 .53983 .57926 .61791 .65542	•38497 •42540 •46661 •50817 •54963	• 32746 • 36666 • 40728 • 44891 • 49109	.29135 .32920 .36886 .40995	• 26594 • 30255 • 34123 • 38164 • 42336	.24679 .28229 .32005 .35976 .40103	• 23167 • 26618 • 30310 • 34214 • 38292	.21932 .25296 .28912 .32752 .36781	.20899 .24184 .27730 .31510	.20017 .23231 .26712 .30437	.19252 .22402 .25824	.18580 .21671 .25038
0.00 0.10 0.20 0.30 0.40 0.50	.50000 .53983 .57926 .61791 .65542 .69146	•38497 •42540 •46661 •50817 •54963	• 32746 • 36666 • 40728 • 44891 • 49109 • 53335	.29135 .32920 .36886 .40995 .45204	• 26594 • 30255 • 34123 • 38164 • 42336 • 46594	.24679 .28229 .32005 .35976 .40103	. 23167 . 26618 . 30310 . 34214	.21932 .25296 .28912 .32752	.20899 .24184 .27730 .31510	.20017 .23231 .26712 .30437	.19252 .22402 .25824 .29497	.18580 .21671 .25038 .28663
0.00 0.10 0.20 0.30 0.40 0.50	.50000 .53983 .57926 .61791 .65542 .69146	•38497 •42540 •46661 •50817 •54963 •59053	• 32746 • 36666 • 40728 • 44891 • 49109	.29135 .32920 .36886 .40995	• 26594 • 30255 • 34123 • 38164 • 42336	.24679 .28229 .32005 .35976 .40103	• 23167 • 26618 • 30310 • 34214 • 38292	.21932 .25296 .28912 .32752 .36781	.20899 .24184 .27730 .31510 .35493	.20017 .23231 .26712 .30437	.19252 .22402 .25824 .29497 .33392	.18580 .21671 .25038 .28663 .32517
0.00 0.10 0.20 0.30 0.40 0.50 0.60	.50000 .53983 .57926 .61791 .65542 .69146	•38497 •42540 •46661 •50817 •54963	• 32746 • 36666 • 40728 • 44891 • 49109 • 53335	.29135 .32920 .36886 .40995 .45204	• 26594 • 30255 • 34123 • 38164 • 42336 • 46594	.24679 .28229 .32005 .35976 .40103	.23167 .26618 .30310 .34214 .38292 .42502	.21932 .25296 .28912 .32752 .36781 .40960 .45242	.20899 .24184 .27730 .31510 .35493 .39639	.20017 .23231 .26712 .30437 .34375 .38489	.19252 .22402 .25824 .29497 .33392 .37473	.18580 .21671 .25038 .28663 .32517 .36567
0.00 0.10 0.20 0.30 0.40 0.50	.50000 .53983 .57926 .61791 .65542 .69146	.38497 .42540 .46661 .50817 .54963 .59053 .63046	.32746 .36666 .40728 .44891 .49109 .53335 .57522	.29135 .32920 .36886 .40995 .45204 .49465 .53731 .57951	. 26594 . 30255 . 34123 . 38164 . 42336 . 46589 . 50890 . 55172	.24679 .28229 .32005 .35976 .40103 .44341 .48642 .52958	. 23167 . 26618 . 30310 . 34214 . 38292 . 42502 . 46798 . 51129	.21932 .25296 .28912 .32752 .36781 .40960 .45242 .49579	.20899 .24184 .27730 .31510 .35493 .39639 .43904	.20017 .23231 .26712 .30437 .34375 .38489 .42734	.19252 .22402 .25824 .29497 .33392 .37473 .41698	.18580 .21671 .25038 .28663 .32517 .36567 .40770
0.00 0.10 0.20 0.30 0.40 0.50 0.60	.50000 .53983 .57926 .61791 .65542 .69146 .72575	.38497 .42540 .46661 .50817 .54963 .59053 .63046 .66901	.32746 .36666 .40728 .44891 .49109 .53335 .57522 .61623	.29135 .32920 .36886 .40995 .45204 .49465 .53731 .57951	. 26594 . 30255 . 34123 . 38164 . 42336 . 46594 . 50890 . 55172 . 59394	.24679 .28229 .32005 .35976 .40103 .44341 .48642 .52958	.23167 .26618 .30310 .34214 .38292 .42502 .46790 .51129	.21932 .25296 .28912 .32752 .36781 .40960 .45242 .49579 .53918	.20899 .24184 .27730 .31510 .35493 .39639 .43904 .48239 .52593	.20017 .23231 .26712 .30437 .34375 .38489 .42734 .47063	.19252 .22402 .25824 .29497 .33392 .37473 .41698 .50385	.18580 .21671 .25038 .28663 .32517 .36567 .40770 .45080
0.00 0.10 0.20 0.30 0.40 0.50 0.60, 0.70 0.80	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814	• 38497 • 42540 • 46661 • 50817 • 54963 • 59053 • 63046 • 66901 • 70583 • 74062	.32746 .36666 .40728 .44891 .49109 .53335 .57522 .61623 .65597	•29135 •32920 •36886 •40995 •45204 •49465 •53731 •57951 •62080 •66074	• 26594 • 30255 • 34123 • 38164 • 42336 • 46594 • 50890 • 55172 • 59394 • 63506	.24679 .28229 .32005 .35976 .40103 .44341 .48642 .52958 .57236	.23167 .26618 .30310 .34214 .38292 .42502 .46798 .51129 .55444 .59694	.21932 .25296 .28912 .32752 .36781 .40960 .45242 .49579 .53918 .58208	.20899 .24184 .27730 .31510 .35493 .39639 .43904 .48239 .52593	•20017 •23231 •26712 •30437 •38489 •42734 •47063 •51426	.19252 .22402 .25824 .29497 .33392 .37473 .41698 .46018 .50385 .54744	.18580 .21671 .25038 .28663 .32517 .36567 .40770 .45080 .49447
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134	.38497 .42540 .46661 .50817 .54963 .59053 .63046 .66901 .70583 .74062	.32746 .36666 .40728 .44891 .49109 .53335 .57522 .61623 .65597 .69403	.29135 .32920 .36886 .40995 .45204 .49465 .53731 .57951 .62080 .66074	.26594 .30255 .34123 .38164 .42336 .46594 .50890 .55172 .59394 .63506	.24679 .28229 .32005 .35976 .40103 .44341 .48642 .52958 .57236 .61430	. 23167 . 26618 . 30310 . 34214 . 38292 . 42502 . 46790 . 51129 . 55444 . 59694 . 63830	. 21932 . 25296 . 28912 . 32752 . 36781 . 40960 . 45242 . 49579 . 53918 . 58208	.20899 .24184 .27730 .31510 .35493 .39639 .43904 .48239 .52593 .56914	•20017 •23231 •26712 •30437 •34375 •38489 •42734 •47063 •51426 •55769 •60041	.19252 .22402 .25824 .29497 .33392 .37473 .41698 .46018 .50385 .54744	.18580 .21671 .25038 .28663 .32517 .36567 .40770 .45080 .49447 .531819 .58143
0.00 0.10 0.20 0.30 0.40 0.50 0.60, 0.70 0.80	.50000 .53983 .57926 .61791 .65542 .69146 .7257 .75804 .78814 .81594 .84134 .86433	• 38497 • 42540 • 46661 • 50817 • 54963 • 59053 • 63046 • 66901 • 70583 • 77315 • 60322	• 32746 • 36666 • 40728 • 44891 • 49109 • 53335 • 57522 • 61623 • 65597 • 69403 • 73009 • 76387	.29135 .32920 .36886 .40995 .45204 .49465 .53731 .57951 .62080 .66074 .69892	. 26594 .30255 .34123 .38164 .42336 .46594 .50890 .55172 .59394 .63506 .67467 .71237	.24679 .28229 .32005 .35976 .40103 .44341 .48642 .52958 .57236 .61430 .65491 .69379	. 23167 . 26618 . 30310 . 34214 . 38292 . 42502 . 46793 . 51129 . 55444 . 59694 . 63830 . 67808	.21932 .25296 .28912 .32752 .36781 .40960 .45242 .49579 .53918 .58208 .62401	.20899 .24184 .27730 .31519 .39639 .43904 .48239 .52593 .56914 .61151	•20017 •23231 •26712 •30437 •34375 •38489 •42734 •47063 •51426 •55769 •60041 •64195	.19252 .22402 .25824 .29497 .33392 .37473 .41698 .50385 .54744 .59036	.18580 .21671 .25038 .28663 .32517 .36567 .40770 .45080 .49447 .53819 .58143
0.00 0.10 0.20 0.30 0.40 0.50 0.60, 0.70 0.80 0.90 1.00	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75204 .78814 .81594 .84134 .86433 .88493	.38497 .42540 .46661 .50817 .54963 .59053 .63046 .66901 .70583 .74062 .77315 .60322	.32746 .36666 .40728 .44891 .49109 .53335 .57522 .61623 .65537 .69403 .73009 .76387	.29135 .32920 .36886 .40995 .45204 .49465 .53731 .57951 .62080 .66074 .69892 .73503 .76877	. 26594 .30255 .34123 .38164 .42336 .46594 .50890 .55172 .59394 .63506 .67467 .71237	.24679 .28229 .32005 .35976 .40103 .44341 .48642 .52958 .57236 .61430 .65491 .69379 .73059	. 23167 . 26618 . 30310 . 34214 . 38292 . 42592 . 46798 . 51129 . 55444 . 59694 . 63830 . 67808 . 71590	. 21932 . 25296 . 28912 . 32752 . 36781 . 40960 . 45242 . 49579 . 53918 . 62401 . 66451 . 70315	.20899 .24184 .27730 .31510 .35493 .34390 .4389 .52593 .56914 .61151 .65258	*20017 *23231 *26712 *30437 *34375 *38489 *42734 *47063 *51426 *55769 *60041 *64195	.19252 .22402 .25824 .29497 .33392 .37473 .41698 .46018 .50385 .54744 .59045 .63238 .67276	.18580 .21671 .25038 .28663 .32517 .36567 .40770 .45080 .49447 .53819 .58143 .62369
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .88493	.38497 .42540 .46661 .50817 .54963 .59053 .63046 .66901 .70583 .74062 .77315 .80322 .83074 .85564	.32746 .36666 .40728 .44891 .49109 .53335 .57522 .61623 .65597 .69403 .73009 .76387 .79516 .82383	.29135 .32920 .36886 .40995 .45204 .49465 .53731 .57951 .62080 .66074 .69892 .73503 .76877 .79995	. 26594 . 30255 . 34123 . 38164 . 42336 . 46594 . 50890 . 55172 . 59394 . 63506 . 67467 . 71237 . 74786 . 78087	.24679 .28229 .32005 .35976 .40103 .44341 .48642 .52958 .57236 .61430 .65491 .69379 .73059 .76500	. 23167 . 26618 . 30310 . 34214 . 38292 . 42502 . 46798 . 51129 . 55444 . 59694 . 63830 . 67808 . 71596 . 75144	. 21932 . 25296 . 28912 . 32752 . 32752 . 36781 . 40960 . 45242 . 49579 . 53918 . 58208 . 62401 . 66451 . 70315	.20899 .24184 .27730 .31519 .39639 .43904 .48239 .52593 .56914 .61151	•20017 •23231 •26712 •30437 •34375 •38489 •42734 •47063 •51426 •55769 •60041 •64195	.19252 .22402 .25824 .29497 .33392 .37473 .41698 .50385 .54744 .59036	.18580 .21671 .25038 .28663 .32517 .36567 .40770 .45080 .49447 .53819 .58143
0.00 0.10 0.20 0.30 0.40 0.50 0.60, 0.70 0.80 0.90 1.00	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75204 .78814 .81594 .84134 .86433 .88493	.38497 .42540 .46661 .50817 .54963 .59053 .63046 .66901 .70583 .74062 .77315 .60322	.32746 .36666 .40728 .44891 .49109 .53335 .57522 .61623 .65537 .69403 .73009 .76387	.29135 .32920 .36886 .40995 .45204 .49465 .53731 .57951 .62080 .66074 .69892 .73503 .76877	. 26594 .30255 .34123 .38164 .42336 .46594 .50890 .55172 .59394 .63506 .67467 .71237	.24679 .28229 .32005 .35976 .40103 .44341 .48642 .52958 .57236 .61430 .65491 .69379 .73059	. 23167 . 26618 . 30310 . 34214 . 38292 . 42592 . 46798 . 51129 . 55444 . 59694 . 63830 . 67808 . 71590	. 21932 . 25296 . 28912 . 32752 . 36781 . 40960 . 45242 . 49579 . 53918 . 62401 . 66451 . 70315	.20899 .24184 .27730 .31510 .35493 .39639 .43904 .48239 .52593 .56914 .61151 .65258 .69190 .72912	.20017 .23231 .26712 .30437 .34375 .38489 .42734 .47063 .51426 .55769 .60041 .64195 .68185	.19252 .22402 .25824 .29497 .33392 .37473 .41698 .46018 .50385 .54744 .59045 .63238 .67276	.18580 .21671 .25038 .28663 .32517 .36567 .40770 .45080 .49447 .53819 .62369 .66449
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .88493	.38497 .42540 .46661 .50817 .54963 .59053 .63046 .66901 .70583 .74062 .77315 .80322 .83074 .85564	.32746 .36666 .40728 .44891 .49109 .53335 .57522 .61623 .65597 .69403 .73009 .76387 .79516 .82383	.29135 .32920 .36886 .40995 .45204 .49465 .53731 .57951 .62080 .66074 .69892 .73503 .76877 .79995	. 26594 . 30255 . 34123 . 38164 . 42336 . 46594 . 50890 . 55172 . 59394 . 63506 . 67467 . 71237 . 74786 . 78087	.24679 .28229 .32005 .35976 .40103 .44341 .48642 .52958 .57236 .61430 .65491 .69379 .73059 .76500	. 23167 . 26618 . 30310 . 34214 . 38292 . 42502 . 46798 . 55444 . 59694 . 63830 . 75144 . 78444	.21932 .25296 .28912 .32752 .36781 .40960 .45242 .49579 .53918 .58208 .62401 .703/5 .73961	.20899 .24184 .27730 .31510 .35493 .39639 .43904 .48239 .52593 .56914 .61151 .65258 .69190 .72912	•20017 •23231 •26712 •30437 •34375 •38489 •42734 •47063 •51426 •55769 •60041 •64195 •68185 •711972	.19252 .22402 .25924 .29497 .33392 .37473 .41698 .46018 .50385 .54744 .59045 .67276 .71120 .74735	.18580 .21671 .25038 .28663 .32517 .36567 .40770 .45080 .49447 .53819 .68143 .62369 .66449 .70342
0.00 0.10 0.20 0.30 0.40 0.50 0.60, 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .78814 .81594 .84134 .66433 .88493 .99320	.38497 .42540 .46661 .50817 .54963 .59053 .63046 .66901 .70583 .74062 .77315 .80322 .83074 .85564 .87794	.32746 .36666 .40728 .44891 .49109 .53335 .57522 .61623 .65597 .69403 .73009 .76387 .79516 .82383 .84981 .87309	.29135 .32920 .36886 .40995 .45204 .49465 .53731 .57951 .62080 .66074 .69892 .73503 .76877 .79995 .82845	. 26594 .30255 .34123 .38164 .42336 .46594 .50890 .55172 .59394 .63506 .67467 .71237 .74786 .78087 .81123 .83884	.24679 .28229 .32005 .35976 .40103 .44341 .48642 .52958 .57236 .61430 .65491 .69379 .73059 .76500 .79682 .82591	. 23167 . 26618 . 30310 . 34214 . 38292 . 42592 . 46798 . 51129 . 55444 . 59694 . 63830 . 67808 . 71590 . 75144 . 78444 . 81473	. 21932 . 25296 . 28912 . 32752 . 36781 . 40502 . 49579 . 53918 . 58208 . 62401 . 66451 . 70315 . 73961 . 77359 . 80489	.20899 .24184 .27730 .31510 .35493 .39639 .43904 .48239 .52593 .56914 .61151 .65258 .69190 .72912 .76393	*20017 *23231 *26712 *30437 *34375 *38489 *42734 *47063 *51426 *55769 *60041 *64195 *68185 *71972 *75525 *78818	.19252 .22402 .25824 .29497 .33392 .37473 .41698 .46018 .50385 .54744 .59045 .63238 .67276 .71120 .74735 .78095	.18580 .21671 .25038 .28663 .32517 .36567 .40770 .45080 .49447 .53819 .58143 .62369 .66449 .70342 .74012
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .7500 .78814 .84134 .66433 .88493 .99320 .91924 .93119 .74520	.38497 .42540 .46661 .50817 .54963 .59053 .63046 .66901 .70583 .74062 .77315 .60322 .83074 .85564 .87794 .89769 .91500	.32746 .36666 .40728 .4891 .49109 .53335 .57522 .61623 .65597 .79516 .82383 .84981 .84981 .87309 .89372	.29135 .32920 .36886 .40995 .45204 .49465 .53731 .57951 .62080 .66074 .69892 .73503 .76877 .79995 .82845 .85419 .87719	. 26594 . 30255 . 34123 . 38164 . 42336 . 46594 . 50890 . 55172 . 59394 . 63506 . 67467 . 71237 . 74786 . 78087 . 81123 . 83884 . 86366	.24679 .28229 .32005 .35976 .40103 .44341 .48642 .52958 .57236 .61430 .65491 .69379 .73059 .76500 .79682 .82591 .85218	. 23167 . 26618 . 30310 . 34214 . 38292 . 42502 . 46799 . 51129 . 55444 . 59694 . 63830 . 67808 . 71590 . 75144 . 78444 . 81443 . 84221	. 21932 . 25296 . 28912 . 32752 . 32752 . 36781 . 40960 . 45242 . 49579 . 53918 . 58208 . 62401 . 66451 . 70315 . 73961 . 77359 . 80489 . 83340	.20899 .24184 .27730 .31510 .35493 .39639 .43904 .48239 .52593 .56914 .61151 .65258 .69190 .72912 .76393 .79611 .82550	.20017 .23231 .26712 .30437 .34375 .38489 .42734 .47063 .55769 .60041 .64195 .68185 .71972 .75525 .78818	.19252 .22402 .25824 .25824 .29497 .33392 .37473 .41698 .46018 .50385 .54744 .59045 .63238 .67276 .71120 .74735 .78095 .81180	.18580 .21671 .25038 .28663 .32517 .36567 .40770 .45080 .49447 .53819 .58143 .62369 .70342 .77431 .80578
0.00 0.10 0.20 0.30 0.40 0.50 0.60, 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .78814 .81594 .84134 .86433 .88493 .9320 .9320 .9320 .9320 .93543	.38497 .42540 .46661 .50817 .54963 .59053 .63046 .66901 .70583 .74062 .77315 .80322 .83074 .85564 .87794 .89769 .91500	.32746 .36666 .40728 .44691 .49109 .53335 .57522 .61623 .73009 .76387 .79516 .82383 .84981 .87309 .89372 .91180	.29135 .32920 .36886 .40995 .45204 .49465 .53731 .57951 .62080 .66074 .69892 .73503 .76877 .7995 .82845 .85419 .87719	• 26594 • 30255 • 34123 • 38164 • 42336 • 46594 • 50890 • 55172 • 59394 • 63506 • 67467 • 71237 • 74786 • 78087 • 781123 • 83884 • 86366 • 88571	.24679 .28229 .32005 .35976 .40103 .44341 .48642 .52958 .61430 .65491 .73059 .76500 .79682 .82591 .85218 .87564	. 23167 . 26618 . 30310 . 34214 . 38292 . 42502 . 46790 . 55444 . 59694 . 63830 . 71590 . 75144 . 78444 . 81473 . 84621 . 86686	.21932 .25296 .28912 .32752 .36781 .40960 .45242 .49579 .53918 .58208 .62401 .703[5 .73961 .77359 .80489 .83905	.20899 .24184 .27730 .31510 .35493 .39639 .43904 .48239 .52593 .56914 .61151 .65258 .69190 .72912 .76393 .79611 .82550 .85204	.20017 .23231 .26712 .30437 .34375 .38489 .42734 .47063 .51426 .55769 .66185 .71972 .75525 .78818 .81835 .84566	.19252 .22402 .25924 .29497 .33392 .46018 .50385 .54744 .59045 .67276 .71120 .74735 .78095 .81180 .83981	.18580 .21671 .25038 .28663 .32517 .36567 .40770 .45080 .49447 .53819 .68143 .62369 .66449 .70342 .74012 .77431 .80578 .83440
0.00 0.10 0.20 0.30 0.40 0.50 0.60, 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.50	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .84493 .98320 .99320 .91924 .93319 .94520 .95543	.38497 .42540 .46661 .50817 .54963 .59053 .63046 .66901 .70583 .74062 .77315 .60322 .83074 .85564 .87794 .89769 .91500 .93001	.32746 .36666 .40728 .44891 .49109 .53335 .57522 .61623 .65597 .69403 .73009 .76387 .79516 .82383 .84981 .87309 .89372 .91180	.29135 .32920 .36886 .40995 .45204 .49465 .53731 .57951 .62080 .66074 .69892 .73503 .76877 .79995 .85419 .87719 .89751	. 26594 .30255 .34123 .38164 .46594 .50890 .55172 .59394 .63506 .67467 .71237 .74786 .78087 .81123 .83884 .86366 .88571	.24679 .28229 .32005 .35976 .40103 .44341 .48642 .52958 .57236 .61430 .65491 .69379 .73059 .76500 .79682 .82591 .85218 .87564 .89636	. 23167 . 26618 . 30310 . 34214 . 38292 . 42502 . 46799 . 51129 . 55444 . 59694 . 63830 . 67808 . 71590 . 75144 . 78444 . 81443 . 84221	. 21932 . 25296 . 28912 . 32752 . 32752 . 36781 . 40960 . 45242 . 49579 . 53918 . 58208 . 62401 . 66451 . 703 5 . 73961 . 77359 . 80489 . 83340	.20899 .24184 .27730 .31510 .35493 .39639 .43904 .48239 .52593 .56914 .61151 .65258 .69190 .72912 .76393 .79611 .82550	.20017 .23231 .26712 .30437 .34375 .38489 .42734 .47063 .55769 .60041 .64195 .68185 .71972 .75525 .78818	.19252 .22402 .25824 .25824 .29497 .33392 .37473 .41698 .46018 .50385 .54744 .59045 .63238 .67276 .71120 .74735 .78095 .81180	.18580 .21671 .25038 .28663 .32517 .36567 .40770 .45080 .49447 .53819 .58143 .62369 .70342 .77431 .80578
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .86433 .88493 .99320 .91924 .93319 .9320 .95543 .95543	.38497 .42540 .46661 .50817 .54963 .59053 .63046 .66901 .70583 .74062 .77315 .80322 .83074 .85564 .87794 .89769 .91500	.32746 .36666 .40728 .44691 .49109 .53335 .57522 .61623 .73009 .76387 .79516 .82383 .84981 .87309 .89372 .91180	.29135 .32920 .36886 .40995 .45204 .49465 .53731 .57951 .62080 .66074 .69892 .73503 .76877 .7995 .82845 .85419 .87719	• 26594 • 30255 • 34123 • 38164 • 42336 • 46594 • 50890 • 55172 • 59394 • 63506 • 67467 • 71237 • 74786 • 78087 • 781123 • 83884 • 86366 • 88571	.24679 .28229 .32005 .35976 .40103 .44341 .48642 .52958 .61430 .65491 .73059 .76500 .79682 .82591 .85218 .87564	. 23167 . 26618 . 30310 . 34214 . 38292 . 42502 . 46790 . 55444 . 59694 . 63830 . 71590 . 75144 . 78444 . 81473 . 84621 . 86686	.21932 .25296 .28912 .32752 .36781 .40960 .45242 .49579 .53918 .58208 .62401 .703[5 .73961 .77359 .80489 .83905	.20899 .24184 .27730 .31510 .35493 .39639 .43904 .48239 .52593 .56914 .61151 .65258 .69190 .72912 .76393 .79611 .82550 .85204	.20017 .23231 .26712 .30437 .34375 .38489 .42734 .47063 .51426 .55769 .66185 .71972 .75525 .78818 .81835 .84566	.19252 .22402 .25924 .29497 .33392 .46018 .50385 .54744 .59045 .67276 .71120 .74735 .78095 .81180 .83981	.18580 .21671 .25038 .28663 .32517 .36567 .40770 .45080 .49447 .53819 .68143 .62369 .66449 .70342 .74012 .77431 .80578 .83440
0.00 0.10 0.20 0.30 0.40 0.50 0.60, 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.50	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .84493 .98320 .99320 .91924 .93319 .94520 .95543	.38497 .42540 .46661 .50817 .54963 .59053 .63046 .66901 .70583 .74062 .77315 .60322 .83074 .85564 .87794 .89769 .91500 .93001	.32746 .36666 .40728 .44891 .49109 .53335 .57522 .61623 .65597 .769403 .73009 .76387 .79516 .82383 .84981 .84981 .84981 .84981 .84981 .84981 .84981 .84981 .84981 .84981 .84981 .84981 .84981 .84981 .84981 .84981 .84982	.29135 .32920 .36886 .40995 .45204 .49465 .53731 .57951 .62080 .66074 .69892 .73503 .76877 .79995 .82845 .82845 .87719 .89751 .91525 .93058	. 26594 . 30255 . 34123 . 38164 . 42336 . 46594 . 50890 . 55172 . 59394 . 63506 . 67467 . 717237 . 74786 . 78087 . 81123 . 83884 . 86366 . 88571 . 90508 . 92191	.24679 .28229 .32005 .35976 .40103 .44341 .48642 .52958 .57236 .61430 .65491 .69379 .73059 .73059 .79682 .82591 .82591 .87564 .89636 .91443	. 23167 . 26618 . 30310 . 34214 . 38292 . 42502 . 42502 . 55444 . 59694 . 63830 . 67808 . 71590 . 75144 . 78444 . 81473 . 84221 . 86686 . 88870 . 90784	. 21932 . 25296 . 28912 . 32752 . 32752 . 36781 . 40960 . 45242 . 49579 . 53918 . 58208 . 62401 . 66451 . 70315 . 73961 . 77359 . 80489 . 83905 . 88905 . 88187 . 90194	.20899 .24184 .27730 .31510 .35493 .39639 .43904 .48239 .52593 .56914 .61151 .65258 .69190 .72912 .76393 .79611 .82550 .85204 .87571 .89659	.20017 .23231 .26712 .30437 .34375 .38489 .42734 .47063 .55769 .60041 .64195 .68185 .71972 .75525 .78818 .81835 .84566 .87009 .89169	.19252 .22402 .25824 .29497 .33392 .37473 .41698 .46018 .50385 .54744 .59045 .63238 .67276 .71120 .74735 .78095 .81180 .83981 .86492 .88718	.18580 .21671 .25038 .28663 .32517 .36567 .40770 .45080 .49447 .53819 .58143 .62369 .70342 .77431 .80578 .83440 .86014 .88299
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .78614 .81594 .84134 .86433 .88493 .99320 .91924 .93319 .94520 .95543 .956407 .97128	.38497 .42540 .46661 .50817 .54963 .59053 .63046 .66901 .70583 .74062 .77315 .80322 .83074 .8564 .87794 .89769 .91500 .93001 .94289 .95382 .96300	.32746 .36666 .40728 .44691 .49109 .53335 .57522 .61623 .73009 .76387 .79516 .82383 .84981 .87309 .89372 .91180 .92748 .94092 .95231	.29135 .32920 .36886 .40995 .45204 .49465 .53731 .57951 .62080 .66074 .69892 .73503 .76877 .79995 .82845 .85419 .87719 .89751 .91525 .93058	• 26594 • 30255 • 34123 • 38164 • 42336 • 46594 • 50890 • 55172 • 59394 • 63506 • 67467 • 71237 • 74786 • 78087 • 781123 • 83884 • 86368 • 88571 • 90508 • 92191 • 93637	.24679 .28229 .32005 .35976 .40103 .44341 .48642 .52958 .57236 .61430 .65491 .69379 .73059 .76500 .79682 .82591 .85218 .87564 .89636 .91443	. 23167 . 26618 . 30310 . 34214 . 38292 . 42502 . 46798 . 55444 . 59694 . 63830 . 71590 . 75144 . 81473 . 84221 . 86686 . 88870 . 90784 . 92442	.21932 .25296 .28912 .32752 .36781 .40960 .45242 .49579 .53918 .58208 .62401 .703/5 .73961 .77359 .80489 .83905 .88187 .90194	.20899 .24184 .27730 .31510 .35493 .39639 .43904 .48239 .52593 .56914 .61151 .65258 .69190 .72912 .76393 .79611 .82550 .87571 .82550 .87571 .89659 .91478	.20017 .23231 .26712 .30437 .34375 .38489 .42734 .47063 .51426 .55769 .66185 .71972 .75525 .78818 .8183 .84366 .87009 .89169	.19252 .22402 .25924 .29497 .33392 .41698 .46018 .50385 .54744 .59045 .5238 .67276 .71120 .74735 .78095 .81180 .83981 .86492 .88718	.18580 .21671 .25038 .28663 .32517 .36567 .40770 .45080 .49447 .53819 .68143 .62369 .66449 .70342 .74012 .77431 .80578 .83440 .86014 .88299 .90306
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.20 1.30 1.40 1.50 1.70 1.80 1.90 2.10	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .88493 .99320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214	.38497 .42540 .46661 .50817 .54963 .59053 .63046 .66901 .70583 .74062 .77315 .60322 .83074 .85564 .87794 .89769 .91500 .93001 .94289 .95382 .96300 .97063	.32746 .36666 .40728 .44891 .49109 .53335 .57522 .61623 .65597 .76587 .779516 .82383 .84981 .87309 .89372 .91180 .92748 .94092 .95231 .96187	.29135 .32920 .36886 .40995 .45204 .49465 .53731 .57951 .62080 .66074 .69892 .73503 .76877 .79995 .82845 .85419 .87719 .89751 .91525 .93058 .94367 .95472	. 26594 .30255 .34123 .38164 .42336 .46594 .50890 .55172 .59394 .63506 .67467 .71237 .74786 .78087 .81123 .83884 .86366 .88571 .90508 .92191 .93637 .94864	.24679 .28229 .32005 .35976 .40103 .44341 .48642 .52958 .57236 .61430 .65491 .69379 .73059 .76500 .79682 .82591 .85218 .87564 .89636 .91443 .93003 .94334	. 23167 . 26618 . 30310 . 34214 . 38292 . 42502 . 46798 . 51129 . 55444 . 59694 . 63830 . 67808 . 71590 . 75144 . 81473 . 84221 . 86686 . 88870 . 90784 . 92442 . 93861	. 21932 . 25296 . 28912 . 32752 . 36781 . 40960 . 45242 . 49579 . 53918 . 58208 . 62401 . 66451 . 70315 . 73961 . 73961 . 83340 . 85905 . 88187 . 90194 . 911937 . 93435	.20899 .24184 .27730 .31510 .35493 .39639 .43904 .48239 .52593 .56914 .61151 .65258 .69190 .72912 .76393 .7961.1 .82550 .85204 .87571 .89659 .91478	*20017 23231 26712 30437 34375 38489 *42734 47063 51426 55769 60041 64195 68185 71972 75525 78818 81835 84566 87009 89169 911057 92688	.19252 .22402 .25824 .29497 .33392 .31473 .46018 .50385 .54744 .59045 .63238 .67276 .71120 .74735 .78095 .81180 .83981 .86492 .88718 .90235	.18580 .21671 .25038 .28663 .32517 .36567 .40770 .45080 .49447 .53819 .58143 .62369 .66449 .70342 .74012 .74013 .80578 .80578 .80578 .80578 .80578 .80578 .80578 .80578
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.50 1.60 1.70 1.80 1.90 2.00 2.10 2.20	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .86433 .88493 .99320 .91924 .93319 .94520 .95543 .96407 .97128 .97128	.38497 .42540 .46661 .50817 .54963 .59053 .63046 .66901 .70583 .74062 .77315 .60322 .83074 .85564 .87794 .89769 .91500 .93001 .94289 .95382 .96300 .97063	.32746 .36666 .40728 .44891 .49109 .53335 .57522 .61623 .65597 .79516 .82383 .84981 .87309 .92748 .99372 .91180 .92748 .94092 .95231 .96187 .96980	.29135 .32920 .36886 .40995 .45204 .49465 .53731 .57951 .62080 .66074 .69892 .73503 .76877 .79995 .82845 .82845 .87719 .89751 .91525 .93058 .94367 .95437	. 26594 . 30255 . 34123 . 38164 . 42336 . 46594 . 50890 . 55172 . 59394 . 63506 . 67467 . 717237 . 74786 . 78087 . 81123 . 83884 . 86366 . 88571 . 90508 . 92191 . 93637 . 94864 . 95895	.24679 .28229 .32005 .35976 .40103 .44341 .48642 .52958 .57236 .61430 .65491 .69379 .73059 .76500 .79682 .82591 .87564 .89636 .91443 .93003 .94334 .95456	. 23167 . 26618 . 30310 . 34214 . 38292 . 42502 . 42502 . 42502 . 55444 . 59694 . 63830 . 67808 . 71590 . 75144 . 78444 . 78444 . 81473 . 84221 . 86686 . 88870 . 90784 . 92442 . 93861 . 95063	. 21932 . 25296 . 28912 . 32752 . 32752 . 36781 . 40960 . 45242 . 49579 . 53918 . 62401 . 66451 . 70315 . 73961 . 77359 . 80489 . 83905 . 88187 . 90194 . 91937 . 93435 . 94707	.20899 .24184 .27730 .31510 .35493 .39639 .43904 .48239 .52593 .56914 .61151 .65258 .69190 .72912 .76393 .79611 .82550 .85504 .87571 .89659 .91478 .93046 .94381	.20017 .23231 .26712 .30437 .34375 .38489 .42734 .47063 .55769 .60041 .64195 .68185 .71972 .75525 .78818 .81835 .84566 .87099 .91057 .92688	.19252 .22402 .25924 .25927 .33392 .37473 .41698 .46018 .50385 .54744 .59045 .63238 .67276 .71120 .74735 .81180 .83981 .86492 .88718 .90668 .92386	.18580 .21671 .25038 .28663 .32517 .36567 .40770 .45080 .49447 .53819 .58143 .62369 .70342 .77431 .80578 .83440 .86014 .88299 .90306 .92046
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.50 1.60 1.70 1.80 1.90 2.10 2.20 2.30	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .7814 .81594 .84134 .86433 .99320 .99320 .91924 .93319 .94520 .95543 .96407 .97128 .97128	*38497 *42540 *46661 *50817 *54963 *59053 *63046 *66901 *70583 *74062 *77315 *80322 *83074 *8564 *87794 *89769 *91500 *93001 *94289 *95380 *97063 *9769	.32746 .36666 .40728 .44691 .49109 .53335 .57522 .61623 .73009 .73009 .79516 .82383 .84981 .87309 .89372 .91180 .92748 .94092 .95231 .96187 .96980 .97631	.29135 .32920 .36886 .40995 .45204 .49465 .53731 .57951 .62080 .66074 .69892 .73503 .76877 .79995 .82845 .85419 .87719 .89751 .91525 .93058 .94367 .95472	• 26594 • 30255 • 34123 • 38164 • 42336 • 46594 • 50890 • 55172 • 59394 • 63506 • 67467 • 71237 • 74786 • 78087 • 781123 • 83884 • 86366 • 88571 • 90508 • 92191 • 93637 • 94864 • 95895 • 96751	.24679 .28229 .32005 .35976 .40103 .44341 .48642 .52958 .57236 .61430 .65491 .73059 .73059 .76500 .79682 .82591 .85218 .87564 .89636 .91403 .94334 .95456 .96391	. 23167 . 26618 . 30310 . 34214 . 38292 . 42502 . 42502 . 46790 . 55444 . 59694 . 63830 . 71590 . 75144 . 81473 . 84221 . 86686 . 88870 . 90784 . 92442 . 93861 . 95063 . 96068	. 21932 . 25296 28912 . 32752 . 36781 . 40960 . 45242 . 49579 . 53918 . 58208 . 62401 . 703/5 . 73961 . 77359 . 80489 . 83905 . 88187 . 90194 . 91937 . 93435 . 94707 . 957774	.20899 .24184 .27730 .31510 .35493 .39639 .43904 .48239 .52593 .56914 .61151 .65258 .69190 .72912 .76393 .79611 .82550 .87571 .89659 .891478 .991478 .93046 .94381 .95504	*20017 23231 26712 30437 34375 38489 *42734 47063 51426 55769 60041 64195 68185 71972 75525 78818 81835 84566 87009 89169 911057 92688	.19252 .22402 .25824 .29497 .33392 .31473 .46018 .50385 .54744 .59045 .63238 .67276 .71120 .74735 .78095 .81180 .83981 .86492 .88718 .90235	.18580 .21671 .25038 .28663 .32517 .36567 .40770 .45080 .49447 .53819 .58143 .62369 .66449 .70342 .74012 .77431 .80578 .80578 .80578 .80578 .80578 .80578 .80578
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.20 1.30 1.40 1.50 1.50 1.60 1.70 1.80 1.90 2.10 2.20 2.30 2.40	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84493 .93320 .99320 .95543 .96407 .97128 .97725 .98214 .98610 .98928	.38497 .42540 .46661 .50817 .54963 .59053 .63046 .66901 .70583 .74062 .77315 .60322 .83074 .85564 .87794 .99769 .91500 .93001 .94289 .95382 .96300 .97063 .97690 .98200	.32746 .36666 .40728 .44691 .49109 .53335 .57522 .61623 .65597 .69403 .73009 .76387 .79516 .82383 .84981 .87309 .89372 .91180 .92748 .94092 .95231 .96187 .96980 .97631 .98160	.29135 .32920 .36886 .40995 .45204 .49465 .53731 .57951 .62080 .66074 .69892 .73503 .76877 .79995 .82845 .82845 .87719 .89751 .91525 .93058 .94367 .95437	. 26594 . 30255 . 34123 . 38164 . 42336 . 46594 . 50890 . 55172 . 59394 . 63506 . 67467 . 717237 . 74786 . 78087 . 81123 . 83884 . 86366 . 88571 . 90508 . 92191 . 93637 . 94864 . 95895	.24679 .28229 .32005 .35976 .40103 .44341 .48642 .52958 .57236 .61430 .65491 .69379 .73059 .76500 .79682 .82591 .87564 .89636 .91443 .93003 .94334 .95456	. 23167 . 26618 . 30310 . 34214 . 38292 . 42502 . 42502 . 42502 . 55444 . 59694 . 63830 . 67808 . 71590 . 75144 . 78444 . 78444 . 81473 . 84221 . 86686 . 88870 . 90784 . 92442 . 93861 . 95063	. 21932 . 25296 . 28912 . 32752 . 32752 . 36781 . 40960 . 45242 . 49579 . 53918 . 62401 . 66451 . 70315 . 73961 . 77359 . 80489 . 83905 . 88187 . 90194 . 91937 . 93435 . 94707	.20899 .24184 .27730 .31510 .35493 .39639 .43904 .48239 .52593 .56914 .61151 .65258 .69190 .72912 .76393 .79611 .82550 .85504 .87571 .89659 .91478 .93046 .94381	.20017 .23231 .26712 .30437 .34375 .38489 .42734 .47063 .55769 .60041 .64195 .68185 .71972 .75525 .78818 .81835 .84566 .87099 .91057 .92688	.19252 .22402 .25924 .25927 .33392 .37473 .41698 .46018 .50385 .54744 .59045 .63238 .67276 .71120 .74735 .81180 .83981 .86492 .88718 .90668 .92386	.18580 .21671 .25038 .28663 .32517 .36567 .40770 .45080 .49447 .53819 .58143 .62369 .70342 .77431 .80578 .83440 .86014 .88299 .90306 .92046
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.50 1.60 1.70 1.80 1.90 2.10 2.20 2.30	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .7814 .81594 .84134 .86433 .99320 .99320 .91924 .93319 .94520 .95543 .96407 .97128 .97128	*38497 *42540 *46661 *50817 *54963 *59053 *63046 *66901 *70583 *74062 *77315 *80322 *83074 *8564 *87794 *89769 *91500 *93001 *94289 *95380 *97063 *9769 *976	.32746 .36666 .40728 .44691 .49109 .53335 .57522 .61623 .73009 .73009 .79516 .82383 .84981 .87309 .89372 .91180 .92748 .94092 .95231 .96187 .96980 .97631	.29135 .32920 .36886 .40995 .45204 .49465 .53731 .57951 .62080 .66074 .69892 .73503 .76877 .79995 .82845 .85419 .87719 .89751 .91525 .93058 .94367 .95472	• 26594 • 30255 • 34123 • 38164 • 42336 • 46594 • 50890 • 55172 • 59394 • 63506 • 67467 • 71237 • 74786 • 78087 • 781123 • 83884 • 86366 • 88571 • 90508 • 92191 • 93637 • 94864 • 95895 • 96751	.24679 .28229 .32005 .35976 .40103 .44341 .48642 .52958 .57236 .61430 .65491 .73059 .73059 .76500 .79682 .82591 .85218 .87564 .89636 .91403 .94334 .95456 .96391	. 23167 . 26618 . 30310 . 34214 . 38292 . 42502 . 42502 . 46790 . 55444 . 59694 . 63830 . 71590 . 75144 . 81473 . 84221 . 86686 . 88870 . 90784 . 92442 . 93861 . 95063 . 96068	. 21932 . 25296 . 28912 . 32752 . 36781 . 49579 . 53918 . 62401 . 66451 . 70315 . 73961 . 73961 . 77359 . 80489 . 85905 . 88187 . 90194 . 911937 . 93435 . 94707 . 95774	.20899 .24184 .27730 .31510 .35493 .39639 .43904 .48239 .52593 .56914 .61151 .65258 .69190 .72912 .76393 .79611 .82550 .87571 .89659 .891478 .991478 .93046 .94381 .95504	*20017 23231 26712 30037 34375 388489 *42734 47063 51426 55769 60041 64195 68185 71972 75525 78818 81835 84566 87009 89169 92688 94080 95254 96233	.19252 .22402 .25824 .29497 .33392 .31473 .46018 .50385 .54744 .59045 .63238 .67276 .71120 .74735 .78095 .81180 .83981 .86492 .88718 .90668 .92356 .93800 .95021	.18580 .21671 .25038 .28663 .32517 .36567 .40770 .45080 .49447 .53819 .58143 .62369 .66449 .70342 .74012 .77431 .80578 .8
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.20 1.30 1.40 1.50 1.50 1.60 1.70 1.80 1.90 2.10 2.20 2.30 2.40	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84493 .93320 .99320 .95543 .96407 .97128 .97725 .98214 .98610 .98928	.38497 .42540 .46661 .50817 .54963 .59053 .63046 .66901 .70583 .74062 .77315 .60322 .83074 .85564 .87794 .99769 .91500 .93001 .94289 .95382 .96300 .97063 .97690 .98200	.32746 .36666 .40728 .44891 .49109 .53335 .57522 .61623 .65597 .79516 .82383 .84981 .87309 .92748 .94092 .95231 .96187 .96980 .97631 .98160	.29135 .32920 .36886 .40995 .45204 .49465 .53731 .57951 .62080 .66074 .69892 .73503 .76877 .79995 .82845 .82845 .87719 .89751 .91525 .93058 .94367 .95472 .96396 .97158 .97781 .98285	. 26594 . 30255 . 34123 . 38164 . 42336 . 46594 . 50890 . 55172 . 59394 . 63506 . 67467 . 717237 . 74786 . 78087 . 81123 . 83884 . 86366 . 88571 . 90508 . 92191 . 93637 . 94864 . 95895 . 96751 . 97453 . 98023	.24679 .28229 .32005 .35976 .40103 .44341 .48642 .52958 .57236 .61430 .65491 .69379 .73059 .76500 .79682 .82591 .87564 .89636 .91443 .93003 .94334 .95456 .96391 .97790	. 23167 . 26618 . 30310 . 34214 . 38292 . 42502 . 42502 . 55444 . 59694 . 63830 . 67808 . 71590 . 75144 . 78444 . 78444 . 84821 . 86686 . 88870 . 90784 . 92442 . 93861 . 95063 . 96068 . 96899 . 97579	. 21932 . 25296 . 28912 . 32752 . 32752 . 36781 . 40960 . 45242 . 49579 . 53918 . 62401 . 66451 . 7035 . 73961 . 77359 . 80489 . 83905 . 88187 . 90194 . 91937 . 93435 . 94707 . 95774 . 96660 . 97386	.20899 .24184 .27730 .31510 .35493 .39639 .43904 .48239 .52593 .56914 .61151 .65258 .69190 .72912 .76393 .79611 .82550 .85504 .87571 .89659 .91478 .93046 .94381 .95504 .96439 .97207	.20017 .23231 .26712 .30437 .334375 .38489 .42734 .47063 .51426 .55769 .60041 .64195 .68185 .71972 .75525 .78818 .81835 .84566 .87009 .89169 .91057 .92688 .94080 .95254 .96233 .97041	.19252 .22402 .25924 .25927 .33392 .37473 .41698 .46018 .50385 .54744 .59045 .63238 .67276 .71120 .74735 .81180 .83981 .86718 .90668 .92356 .93800 .95021 .96042 .96885	.18580 .21671 .25038 .28663 .32517 .36567 .40770 .45080 .49447 .53819 .58143 .62369 .70342 .77431 .80578 .83440 .88299 .90306 .92046 .93538 .94803 .95862 .96738
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.40 1.50 1.40 1.50 1.40 1.50 1.40 1.50 1.40 1.50 1.40 1.50 1.40 1.50 1.40 1.50 1.40 1.50 1.40 1.50 1.40 1.50 1.50 1.60 1.70 1.80 1.70 1.80	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .78814 .81594 .84134 .86433 .88493 .9320 .9320 .9320 .91924 .93119 .94520 .95543 .96407 .97128 .97128 .97128 .98214 .98610 .98928 .99180 .99379 .99534	.38497 .42540 .46661 .50817 .54963 .59053 .63046 .66901 .70583 .74062 .77315 .80322 .83074 .85564 .87794 .89769 .91500 .93001 .94289 .95382 .97063 .97063 .97063 .97063 .97063 .97063 .99610 .98938 .99195	.32746 .36666 .40728 .44691 .49109 .53335 .57522 .61623 .73009 .73009 .79516 .82383 .84981 .87309 .89372 .91180 .92748 .94092 .95231 .96187 .96980 .97631 .98160 .98584 .98921	.29135 .32920 .36886 .40995 .45204 .49465 .53731 .57951 .62080 .66074 .69892 .73503 .76877 .79995 .82845 .85419 .89751 .91525 .93058 .94367 .95472 .96396 .97158 .97781 .982687	• 26594 • 30255 • 34123 • 38164 • 42336 • 46594 • 50890 • 55172 • 59394 • 63506 • 67467 • 71237 • 74786 • 78087 • 781123 • 83884 • 86366 • 88571 • 90508 • 92191 • 93637 • 94864 • 95895 • 96751 • 97453 • 98023 • 98083 • 98083	.24679 .28229 .32005 .35976 .40103 .44341 .48642 .52958 .57236 .61430 .65491 .73059 .73059 .76500 .79682 .82591 .85218 .87564 .89636 .91443 .93003 .94334 .95456 .96391 .97162 .97790 .98297	. 23167 . 26618 . 30310 . 34214 . 38292 . 42502 . 46798 . 51129 . 55444 . 59694 . 63830 . 71590 . 75144 . 81473 . 84221 . 86686 . 88870 . 90784 . 92442 . 93861 . 95063 . 96899 . 97579 . 98129	. 21932 . 25296 28912 . 32752 . 36781 . 40960 . 45242 . 49579 . 53918 . 58208 . 62401 . 703/5 . 73961 . 77359 . 80489 . 83905 . 88187 . 90194 . 91937 . 93435 . 94777 . 956660 . 97975	.20899 .24184 .27730 .31510 .35493 .39639 .43904 .48239 .52593 .56914 .61151 .65258 .69190 .72912 .76393 .79611 .82550 .85204 .87571 .89659 .994381 .95504 .94381 .95504 .96439 .97207	.20017 .23231 .26712 .30437 .34375 .38489 .42734 .47063 .51426 .55769 .60041 .64195 .68185 .71972 .75525 .78818 .81835 .78818 .81835 .78818 .81835 .792688 .94080 .95254 .96233 .97041 .97698	.19252 .22402 .25924 .29497 .33392 .41698 .46018 .50385 .54744 .59045 .63238 .67276 .71120 .74735 .78095 .81180 .83981 .86492 .88718 .90668 .92356 .9350 .95021 .96042 .96885 .97573	.18580 .21671 .25038 .28663 .32517 .36567 .40770 .45080 .49447 .53819 .62369 .66449 .70342 .74012 .77431 .80578 .86014 .88299 .90306 .92046 .935862 .94582 .95862 .97455
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.20 1.30 1.40 1.50 1.70 1.80 1.70 1.80 1.90 2.10 2.20 2.30 2.40 2.50 2.50 2.50 2.50	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .98320 .99320 .95543 .96407 .97128 .97725 .98214 .98610 .98928 .99180 .99180 .99593 .99533	.38497 .42540 .46661 .50817 .54963 .59053 .63046 .66901 .70583 .74062 .77315 .60322 .83074 .85564 .87794 .91500 .93001 .94289 .95382 .96300 .97063 .97690 .98200 .99610 .98938 .99195	.32746 .36666 .40728 .44891 .49109 .53335 .57522 .61623 .65297 .659403 .73009 .76387 .79516 .82383 .84981 .87309 .89372 .91180 .92748 .94092 .95231 .96187 .96980 .97631 .98160 .98584 .98981	.29135 .32920 .36886 .40995 .45204 .49465 .53731 .57951 .62080 .76877 .79995 .82845 .85419 .87719 .89751 .91525 .93058 .94367 .9536 .94367 .9536 .94367 .9536 .97158 .97158 .97158 .97158 .97158 .97781 .98285 .98687 .99004	. 26594 .30255 .34123 .38164 .42336 .46590 .55172 .59394 .63506 .67467 .71786 .78087 .81123 .80368 .86366 .88571 .90508 .92191 .93637 .94864 .95895 .96751 .97453 .98023 .98481	.24679 .28229 .32005 .35976 .40103 .44341 .48642 .52958 .57236 .61430 .65491 .69379 .76500 .79682 .82591 .85218 .87564 .89636 .91443 .93003 .94334 .95456 .96391 .97162 .97790 .98297 .98700	. 23167 . 26618 . 30310 . 34214 . 38292 . 42592 . 446798 . 51129 . 55444 . 59694 . 63830 . 67808 . 71590 . 75144 . 78443 . 84221 . 86686 . 88870 . 90784 . 92442 . 93861 . 95063 . 96068 . 96899 . 97579 . 98568	. 21932 . 25296 . 28912 . 32752 . 36781 . 40962 . 49579 . 53918 . 62401 . 66451 . 70315 . 73961 . 77396 . 80489 . 83340 . 85905 . 88187 . 90194 . 91937 . 93435 . 94707 . 95774 . 95774 . 97386 . 97975 . 98447	.20899 .24184 .27730 .31510 .35493 .33599 .43904 .48239 .52593 .56914 .61151 .65258 .69190 .72912 .76393 .7961.1 .82550 .85204 .87571 .89659 .91478 .93046 .94381 .95504 .96439 .97207 .97832	*20017 23231 26712 300437 34375 38489 *42734 47063 51426 55769 60041 64195 68185 71972 75525 78818 81835 84566 87009 89169 991057 92688 94080 95254 96233 97041 97049 98228	.19252 .22402 .25824 .29497 .33392 .31473 .46018 .50385 .54744 .59045 .6325 .6325 .63276 .71120 .74735 .78095 .81180 .83981 .88718 .90668 .92356 .935021 .96042 .96885 .975021 .96128	.18580 .21671 .25038 .28663 .32517 .36567 .40770 .45080 .49447 .53819 .58143 .62369 .66449 .70342 .77431 .80578 .8
0.00 0.10 0.20 0.30 0.40 0.50 0.60, 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .86433 .88493 .99320 .91924 .93319 .94520 .95543 .96407 .97128 .97128 .99180 .99180 .99314 .99653 .99534	• 38497 • 42540 • 46661 • 50817 • 54963 • 63046 • 6690 • 77583 • 74062 • 7332 • 83074 • 85564 • 87794 • 89769 • 91500 • 93001 • 94289 • 95382 • 96300 • 97663 • 97690 • 98200 • 98200 • 98938 • 99195 • 99551	.32746 .36666 .40728 .44891 .49109 .53335 .57522 .61623 .65597 .79516 .82383 .84981 .87309 .92748 .94092 .95231 .96187 .96980 .97631 .98160 .98584 .98921 .99185	.29135 .32920 .36886 .40995 .45204 .49465 .53731 .57951 .62080 .69892 .73503 .76877 .79995 .82845 .82845 .87719 .89751 .91525 .93058 .94367 .95396 .97158 .97158 .971781 .97818 .97781 .98285 .98687 .99004 .99253	• 26594 • 30255 • 34123 • 38164 • 42336 • 46594 • 50890 • 55172 • 59394 • 63506 • 67467 • 74786 • 78087 • 81123 • 83884 • 86366 • 88571 • 90508 • 92191 • 93637 • 94864 • 95895 • 96751 • 97453 • 98484 • 99129	.24679 .28229 .32005 .35976 .40103 .44341 .48642 .52958 .57236 .61430 .65491 .73059 .76500 .79682 .82591 .82591 .87564 .89636 .91443 .93003 .94334 .95456 .96391 .97162 .97790 .98297 .98790 .99018	. 23167 . 26618 . 30310 . 34214 . 38292 . 42502 . 46790 . 55444 . 59694 . 63830 . 71590 . 75144 . 78444 . 81473 . 84221 . 86686 . 88870 . 90784 . 92442 . 93861 . 95063 . 9699 . 97579 . 98129 . 98568 . 98916	. 21932 . 25296 . 28912 . 32752 . 36781 . 40960 . 45242 . 49579 . 53918 . 58208 . 62401 . 77359 . 80489 . 85905 . 88187 . 90194 . 91937 . 93435 . 94707 . 95774 . 96660 . 97386 . 97975 . 98447 . 98821	.20899 .24184 .27730 .31510 .35493 .39639 .43904 .48239 .52593 .56914 .61151 .65258 .69190 .72912 .76393 .79611 .82550 .85204 .87571 .89659 .91478 .93046 .94381 .95504 .96439 .97207 .97832 .98334 .98733	.20017 .23231 .26712 .30437 .334375 .38489 .42734 .47063 .51426 .55769 .60041 .64195 .68185 .71972 .75525 .78818 .81835 .84566 .87009 .89169 .91057 .92688 .94080 .95254 .96233 .97041 .97698 .98228	.19252 .22402 .25824 .29497 .33392 .41698 .46018 .50385 .54744 .59045 .7276 .71120 .74735 .78095 .81180 .83981 .86492 .88718 .90668 .92356 .92356 .92356 .92356 .93800 .95021 .96885 .97573 .98128	.18580 .21671 .25038 .28663 .32517 .40770 .45080 .49447 .53819 .62369 .66449 .70342 .74012 .77431 .80578 .83440 .86014 .8629 .90306 .92046 .93538 .94802 .95736 .95736 .97455 .98034 .97455
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.40 1.50 1.40 1.50 1.40 1.50 1.40 1.50 1.40 1.50 1.40 1.50 1.60 1.70 1.80 1.90 2.10 2.20 2.30 2.40 2.50	.50000 .53983 .57926 .61791 .55542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .88493 .99320 .99320 .99324 .99319 .94520 .95543 .96407 .97128 .97125 .98214 .98610 .99379 .99534 .99653 .99653	.38497 .42540 .46661 .50817 .54963 .59053 .63046 .66901 .70583 .74062 .77315 .80322 .83074 .85564 .87794 .89769 .91500 .93001 .94289 .95382 .96300 .9763 .97690 .98200 .98200 .9810 .98938 .99195 .99195 .99551	.32746 .36666 .40728 .44691 .49109 .53335 .57522 .61623 .73009 .76387 .79516 .82383 .84981 .87309 .89372 .91180 .92748 .94092 .95231 .96187 .96980 .97631 .98160 .98584 .98921 .99185 .99391	.29135 .32920 .36886 .40995 .45204 .49465 .53731 .57951 .62080 .66074 .69892 .76877 .79995 .82845 .85419 .87719 .89751 .91525 .93058 .94767 .95472 .96396 .97158 .97781 .988687 .99158	• 26594 • 30255 • 34123 • 38164 • 42336 • 46594 • 50890 • 55172 • 59394 • 63506 • 67467 • 71237 • 74786 • 78087 • 781123 • 83884 • 86366 • 88571 • 90508 • 92191 • 94864 • 95895 • 96751 • 97453 • 98481 • 98129 • 99351	.24679 .28229 .32005 .35976 .40103 .44341 .48642 .52958 .57236 .61430 .65491 .73059 .76500 .79682 .82591 .85218 .87564 .89636 .91443 .9303 .94334 .95456 .96391 .97162 .97790 .98297 .98700 .99818	.23167 .26618 .30310 .34214 .38292 .42502 .46798 .51129 .55444 .59694 .63830 .71590 .75144 .86686 .88870 .90784 .92442 .93861 .95063 .96899 .97579 .98129 .98129 .98168 .99187	. 21932 . 25296 . 28912 . 32752 . 36781 . 40960 . 45242 . 49579 . 53918 . 58208 . 62401 . 70315 . 77359 . 80489 . 83340 . 85905 . 88187 . 90194 . 91937 . 93435 . 94707 . 95774 . 96660 . 97975 . 98821 . 99114	.20899 .24184 .27730 .31510 .35493 .39639 .43904 .48239 .52593 .56914 .61151 .65258 .69190 .72912 .76393 .79611 .82550 .85204 .87571 .89659 .91478 .93046 .94381 .95504 .96439 .97207 .97832 .98334 .98733	.20017 .23231 .26712 .30437 .34375 .38489 .42734 .47063 .51426 .55769 .60041 .64195 .68185 .71972 .75525 .78818 .81835 .84566 .87009 .89169 .91057 .92688 .94080 .95254 .96233 .97041 .97698 .98228 .9828 .9828 .98650	.19252 .22402 .25924 .29497 .33392 .37473 .41698 .46018 .50385 .54744 .59045 .63238 .67276 .71120 .74735 .78095 .81180 .83981 .86492 .88718 .90668 .92356 .93800 .95021 .96042 .96885 .97573 .98128 .98572 .98921	.18580 .21671 .25038 .28663 .32517 .36567 .4570 .459847 .53819 .58143 .62369 .66449 .770342 .770342 .770342 .770342 .770342 .770342 .770342 .770342 .770342 .770342 .770342 .770342 .770342 .770342 .770342 .770342 .770342 .770342 .770343 .77034 .7
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.20 1.30 1.40 1.50 1.40 1.50 1.70 1.80 1.90 2.10 2.10 2.20 2.30 2.40 2.50 2.50 2.50 2.60 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .98320 .95543 .9543 .96407 .97128 .97725 .98214 .98928 .99180 .9953 .99379 .99553	.38497 .42540 .46661 .50817 .54963 .59053 .63046 .66901 .70583 .74062 .77315 .80322 .83074 .85564 .87794 .99769 .91500 .99001 .94289 .95382 .96300 .97063 .97690 .99610 .98938 .99195 .99396 .99551 .99396	.32746 .36666 .40728 .44891 .49109 .53335 .57522 .61623 .65837 .79516 .82383 .84981 .87309 .89372 .91180 .94092 .95231 .96187 .96980 .97631 .98160 .98584 .98921 .99185 .99391	.29135 .32920 .36886 .40995 .45204 .49465 .53731 .57951 .62080 .76877 .79995 .82845 .82845 .82845 .87719 .89751 .91525 .93058 .94367 .95472 .96396 .97781 .98285 .98285 .98285 .98285 .98285 .98285 .99283 .99591	• 26594 • 30255 • 34123 • 38164 • 42336 • 6590 • 55172 • 59394 • 63506 • 67467 • 71237 • 74786 • 78087 • 74786 • 88571 • 90508 • 92191 • 93637 • 94864 • 95895 • 97453 • 98023 • 98023 • 98481 • 99129 • 999521	.24679 .28229 .32005 .35976 .40103 .44341 .48642 .52958 .57236 .61430 .65491 .69379 .73059 .76500 .79682 .82591 .85218 .87564 .89636 .91443 .93003 .94334 .95456 .96391 .97162 .97790 .98297 .98700 .99018 .99265	. 23167 . 26618 . 30310 . 34214 . 38292 . 445793 . 51129 . 55444 . 59694 . 63830 . 67808 . 71590 . 75144 . 78443 . 84221 . 86686 . 88870 . 90784 . 92442 . 93861 . 95063 . 96068 . 96899 . 97579 . 98568 . 98916 . 99187 . 99397	. 21932 . 25296 . 28912 . 32752 . 36781 . 40960 . 45242 . 49579 . 53918 . 58208 . 62401 . 77359 . 80489 . 85905 . 88187 . 90194 . 91937 . 93435 . 94707 . 95774 . 96660 . 97386 . 97975 . 98447 . 98821	.20899 .24184 .27730 .31510 .35493 .39639 .43904 .48239 .52593 .56914 .61151 .65258 .69190 .72912 .76393 .79611 .82550 .85204 .87571 .89659 .91478 .93046 .94381 .95504 .96439 .97207 .97832 .98334 .98733	.20017 .23231 .26712 .30437 .334375 .38489 .42734 .47063 .51426 .55769 .60041 .64195 .68185 .71972 .75525 .78818 .81835 .84566 .87009 .89169 .91057 .92688 .94080 .95254 .96233 .97041 .97698 .98228	.19252 .22402 .25824 .29497 .33392 .41698 .46018 .50385 .54744 .59045 .7276 .71120 .74735 .78095 .81180 .83981 .86492 .88718 .90668 .92356 .92356 .92356 .92356 .93800 .95021 .96885 .97573 .98128	.18580 .21671 .25038 .28663 .32517 .40770 .45080 .49447 .53819 .62369 .66449 .70342 .74012 .77431 .80578 .83440 .86014 .8629 .90306 .92046 .93538 .94802 .95736 .95736 .97455 .98034 .97455
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.50 1.50 1.70 1.80 1.90 2.10 2.20 2.30 2.40 2.50 2.50 2.50 2.50 2.50 3.60 3.70	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .78814 .81594 .84134 .86433 .99320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214 .99610 .99594 .99534 .99653 .99744 .99653	.38497 .42540 .46661 .50817 .54963 .59053 .63046 .66901 .70583 .74062 .77315 .80322 .83074 .85564 .87794 .89769 .91500 .93001 .94289 .9150 .97690 .9830 .97690 .98938 .99195 .99551 .99670 .99759	.32746 .36666 .40728 .44691 .49109 .53335 .57522 .61623 .73009 .76387 .79516 .82383 .84981 .87309 .89372 .91180 .92748 .94092 .95231 .96187 .96980 .97631 .98160 .98584 .98921 .99185 .99391	.29135 .32920 .36886 .40995 .45204 .49465 .53731 .57951 .62080 .66074 .69892 .76877 .79995 .82845 .85419 .87719 .89751 .91525 .93058 .94767 .95472 .96396 .97158 .97781 .988687 .99158	• 26594 • 30255 • 34123 • 38164 • 42336 • 46594 • 50890 • 55172 • 59394 • 63506 • 67467 • 71237 • 74786 • 78087 • 781123 • 83884 • 86366 • 88571 • 90508 • 92191 • 94864 • 95895 • 96751 • 97453 • 98481 • 98129 • 99351	.24679 .28229 .32005 .35976 .40103 .44341 .48642 .52958 .57236 .61430 .65491 .73059 .76500 .79682 .82591 .85218 .87564 .89636 .91443 .9303 .94334 .95456 .96391 .97162 .97790 .98297 .98700 .99818	.23167 .26618 .30310 .34214 .38292 .42502 .46798 .51129 .55444 .59694 .63830 .71590 .75144 .86686 .88870 .90784 .92442 .93861 .95063 .96899 .97579 .98129 .98129 .98168 .99187	. 21932 . 25296 . 28912 . 32752 . 36781 . 40960 . 45242 . 49579 . 53918 . 58208 . 62401 . 70315 . 77359 . 80489 . 83340 . 85905 . 88187 . 90194 . 91937 . 93435 . 94707 . 95774 . 96660 . 97975 . 98821 . 99114	.20899 .24184 .27730 .31510 .35493 .39639 .43904 .48239 .52593 .56914 .61151 .65258 .69190 .72912 .76393 .79611 .82550 .85204 .87571 .89659 .91478 .93046 .94381 .95504 .96439 .97207 .97832 .98334 .98733	*20017 23231 26712 300437 34375 38489 *42734 47063 51426 555769 60041 64195 68185 71972 75525 78818 81835 84566 87009 89169 991057 92688 94080 95254 96233 97041 9769 98228 98650 98982	.19252 .22402 .29497 .33392 .37473 .46018 .50385 .54744 .59045 .63286 .67276 .71120 .74735 .78095 .81180 .88718 .90668 .92356 .935021 .96042 .96885 .975021 .96128 .98572 .98128	.18580 .21671 .25038 .28663 .32517 .36567 .40770 .45080 .49447 .58143 .62369 .66449 .70342 .74012 .77431 .80578 .80578 .8040 .92046 .93538 .94803 .95862 .96738 .97455 .98034 .98497 .98497 .98497 .98497 .98497 .98497 .98497
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.20 1.30 1.40 1.50 1.40 1.50 1.70 1.80 1.90 2.10 2.10 2.20 2.30 2.40 2.50 2.50 2.50 2.60 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .98320 .95543 .9543 .96407 .97128 .97725 .98214 .98928 .99180 .9953 .99379 .99553 .99553	.38497 .42540 .46661 .50817 .54963 .59053 .63046 .66901 .70583 .74062 .77315 .80322 .83074 .85564 .87794 .99769 .91500 .99001 .94289 .95382 .96300 .97063 .97690 .99610 .98938 .99195 .99396 .99551 .99396	.32746 .36666 .40728 .44691 .49109 .53335 .57522 .61623 .73009 .73009 .73097 .79516 .82383 .84981 .87309 .89372 .91180 .92748 .94092 .95231 .96187 .96980 .97631 .98584 .98921 .99549 .99549 .99549 .995760	.29135 .32920 .36886 .40995 .45204 .49465 .53731 .57951 .62080 .66074 .69892 .76877 .7995 .85419 .87719 .89751 .91525 .93058 .94367 .95472 .96396 .97158 .97781 .98285 .97781 .98285 .99591 .99591	• 26594 • 30255 • 34123 • 38164 • 42336 • 46594 • 50890 • 55172 • 59394 • 63506 • 67467 • 74786 • 78087 • 81123 • 81123 • 81884 • 86366 • 88571 • 90508 • 92191 • 93637 • 94864 • 95895 • 96751 • 97453 • 98848 • 99129 • 99351 • 99351 • 99650	.24679 .28229 .32005 .35976 .40103 .44341 .48642 .527236 .61430 .654319 .73059 .76500 .79682 .82591 .85218 .87564 .89636 .94334 .95436 .94334 .95436 .96391 .97162 .97190 .98297 .98297 .98297 .98297 .98297 .99265 .99456	. 23167 . 26618 . 30310 . 34214 . 38292 . 42502 . 46798 . 51129 . 55444 . 59694 . 63830 . 71590 . 75144 . 81473 . 84221 . 86686 . 88870 . 90784 . 92442 . 93861 . 95063 . 96068 . 96899 . 97579 . 98129 . 98168 . 98916 . 99187 . 99557	.21932 .25296 .28912 .32752 .36781 .40960 .45242 .49579 .53918 .58208 .62401 .77359 .80489 .83340 .85905 .88187 .90194 .91937 .93435 .94707 .95774 .96660 .97975 .98821 .99114 .99314	.20899 .24184 .27730 .31510 .35493 .43904 .48239 .52593 .56914 .61151 .65258 .69190 .72912 .76393 .79611 .82550 .8550 .8550 .87571 .89659 .91478 .93046 .94381 .95504 .96439 .97207 .97832 .98733 .99046 .99289 .99476	.20017 .23231 .26712 .30437 .34375 .38489 .42734 .47063 .51426 .55769 .68185 .71972 .75525 .78818 .81835 .84566 .87009 .89169 .91057 .92688 .94080 .95254 .96233 .97041 .97698 .98650 .98982 .998438	.19252 .22402 .25924 .29497 .33392 .46018 .50385 .54744 .59045 .67276 .71120 .74735 .78095 .81180 .83981 .86492 .88718 .90668 .92356 .93800 .95021 .96042 .96885 .97573 .98128 .98572 .98921 .99193	.18580 .21671 .25038 .28663 .32517 .40770 .45080 .49447 .53819 .62369 .66449 .70342 .74012 .77431 .80578 .83440 .86014 .88299 .90306 .92046 .93538 .94803 .95862 .97455 .98834 .98497 .98863 .99149 .99369
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.50 1.50 1.70 1.80 1.90 2.10 2.20 2.30 2.40 2.50 2.50 2.50 2.50 2.50 3.60 3.70	.50000 .53983 .57926 .61791 .55542 .69146 .72575 .75804 .7814 .81594 .84134 .66433 .88493 .9320 .9320 .9321 .94520 .95543 .9543 .97725 .98214 .98610 .99374 .99653 .99734 .99653 .99744 .99813 .99865 .99903	.38497 .42540 .46661 .50817 .54963 .59053 .63046 .66901 .70583 .74062 .77315 .80322 .83074 .85564 .87794 .89769 .91500 .93001 .94289 .95382 .96300 .97690 .98200 .98200 .98200 .98200 .98938 .99195 .99396 .99551 .99670 .99759 .99876	.32746 .36666 .40728 .44691 .49109 .53335 .57522 .61623 .65597 .69403 .73009 .76387 .79516 .82383 .84981 .87309 .89372 .91180 .92748 .94092 .95231 .96187 .96980 .97631 .98160 .98584 .98921 .99185 .99185 .99185 .99391 .99549 .99549 .99670 .99828	.29135 .32920 .36886 .40995 .45204 .47465 .53731 .57951 .62080 .66074 .69892 .73503 .76877 .79995 .82845 .85419 .87719 .87719 .87719 .94367 .94367 .94367 .97158 .97158 .97158 .97781 .98285 .98285 .98486 .97188 .97781 .98285 .98486 .99283 .99445 .99591 .99785	. 26594 .30255 .34123 .38164 .42336 .46594 .50890 .55172 .59394 .63506 .67467 .71237 .74786 .78087 .71237 .74786 .88571 .90508 .92191 .90508 .92191 .97453 .98481 .98844 .99351 .98844 .99351 .99521 .99521 .99521	.24679 .28229 .32005 .35976 .40103 .44341 .48642 .52958 .57236 .65491 .69379 .73059 .76500 .82591 .85218 .87564 .89636 .91443 .91463 .91463 .91463 .91463 .91463 .9162 .97790 .98297 .98700 .98297 .98700 .99018 .99265 .99456 .99711	. 23167 . 26618 . 30310 . 34214 . 38292 . 42502 . 46798 . 51129 . 55444 . 59694 . 63830 . 71590 . 75144 . 78444 . 81473 . 84221 . 86686 . 88870 . 90784 . 92442 . 93861 . 95063 . 96068 . 96899 . 97579 . 98162 . 98162 . 99187 . 99187 . 99187 . 9957	. 21932 . 25296 . 28912 . 32752 . 36781 . 40960 . 45242 . 49579 . 53918 . 58208 . 62401 . 70315 . 77359 . 80489 . 83340 . 85905 . 88187 . 90194 . 91937 . 93435 . 94707 . 95774 . 96660 . 97975 . 98821 . 99341 . 99341 . 99341 . 99341	.20899 .24184 .27730 .31510 .35493 .39639 .43904 .48239 .5258 .65258 .69190 .72912 .72912 .72912 .72912 .72913 .79611 .82550 .85204 .87571 .89659 .91478 .93046 .94381 .95504 .96439 .97832 .98334 .98733 .99046 .99289 .99476	.20017 .23231 .26712 .30437 .34375 .38489 .42734 .47063 .51426 .55769 .60041 .64195 .68185 .71972 .75525 .78818 .81835 .84566 .87009 .89169 .91057 .92688 .94080 .95254 .96233 .97041 .97698 .98928 .98982 .98982 .98982 .99438	.19252 .22402 .25824 .29497 .33392 .37473 .41698 .46018 .50385 .54744 .59045 .63238 .67276 .71120 .74735 .78095 .81180 .83981 .86492 .88718 .90668 .92356 .935021 .96042 .96885 .97573 .98128 .98572 .98921 .99193 .99403 .99563	.18580 .21671 .25038 .28663 .32517 .36567 .45080 .49447 .53819 .58143 .62369 .66449 .70342 .74012 .77431 .8054 .8014 .88299 .98304 .92046 .9358 .94803 .95862 .96738 .97455 .98497 .98863 .99149 .99538
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.40 1.50 1.40 1.50 1.40 1.50 1.50 1.20 2.10 2.10 2.10 2.10 2.20 2.30 2.40 2.50 2.50 2.60 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.90 2.10	.50000 .53983 .57926 .61791 .55542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .98320 .95543 .9543 .96407 .97128 .97725 .98214 .98928 .99180 .99893 .9983 .9983 .9983 .9983 .9983 .9983 .9983 .9983 .9983 .9983	.38497 .42540 .4661 .50817 .54963 .59053 .63046 .66901 .70583 .74062 .77315 .80322 .83074 .85564 .87794 .91500 .93001 .94289 .95382 .96300 .97063 .97690 .98200 .99610 .98938 .99551 .99551 .99759 .99759 .99826 .99759	.32746 .36666 .40728 .44891 .49109 .53335 .57522 .61623 .659403 .73009 .76387 .79516 .82383 .84781 .87309 .89372 .91180 .94092 .95231 .96187 .96980 .97631 .98160 .98584 .98921 .99185 .99391 .99549 .99670 .99760	.29135 .32920 .36886 .40995 .45204 .49465 .53731 .57951 .62080 .76877 .79995 .82845 .82845 .82845 .82719 .87719 .89751 .91525 .93058 .94367 .95472 .96396 .97158 .97781 .98285 .98687 .99253 .99445 .99702 .99702	• 26594 • 30255 • 34123 • 38164 • 42336 • 65890 • 55172 • 59394 • 63506 • 67467 • 71237 • 74786 • 78087 • 74786 • 88571 • 90508 • 92191 • 93637 • 94864 • 95895 • 97453 • 98023 • 98481 • 99129 • 99521 • 99650 • 99746 • 99818	.24679 .28229 .32005 .35976 .40103 .44341 .48642 .52958 .57236 .61430 .65491 .69379 .76500 .79682 .82591 .85218 .87564 .89636 .91443 .93003 .94334 .95456 .96391 .97162 .97790 .98297 .98700 .99018 .99265 .99456 .99456 .99456	. 23167 . 26618 . 30310 . 34214 . 38292 . 42502 . 42502 . 51129 . 55444 . 59694 . 63830 . 67808 . 71590 . 75144 . 78447 . 84421 . 86686 . 88870 . 90784 . 92442 . 93861 . 95063 . 96068 . 96899 . 97579 . 981568 . 98916 . 99187 . 99397 . 99557 . 99678	. 21932 . 25296 . 28912 . 32752 . 36781 . 40962 . 49579 . 53918 . 62401 . 66451 . 70315 . 73961 . 77359 . 80489 . 83340 . 85905 . 88187 . 90194 . 91937 . 93435 . 94707 . 95774 . 96660 . 97386 . 97386 . 97386 . 97386 . 97386 . 97381 . 99341 . 99345	.20899 .24184 .27730 .31510 .35493 .33599 .43904 .48239 .52593 .56914 .61151 .65258 .69190 .72912 .76339 .7961.1 .82550 .87571 .89659 .91478 .93046 .94381 .95504 .96439 .97207 .97832 .98334 .98733 .99289 .99289 .99476 .99617 .99723	.20017 .23231 .26712 .30437 .34375 .38489 .42734 .47063 .51426 .55769 .60041 .64195 .68185 .71972 .75525 .78818 .81835 .84566 .87009 .89169 .91057 .92688 .94080 .95254 .96233 .97041 .9769 .98650 .98650 .98650 .98650 .98650 .99240 .99438 .99589 .99703	.19252 .22402 .29497 .33392 .37473 .46018 .50385 .54744 .59045 .63286 .67276 .71120 .74735 .78095 .81180 .88718 .90668 .92356 .93800 .95021 .96042 .96885 .97502 .98572 .98128 .98572 .98128 .99193 .99403 .99683	.18580 .21671 .25038 .28663 .32517 .36567 .40770 .45080 .49447 .58143 .62369 .66449 .70342 .74012 .7
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.40 1.50 1.80 1.90 2.10 2.20 2.30 2.40 2.10 2.50	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86403 .99320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214 .99610 .99594 .99534 .9963 .99534 .9963 .9974 .9963 .9974 .9983 .99865 .99903 .99931 .99956	.38497 .42540 .46661 .50817 .54963 .59053 .63046 .66901 .70583 .74062 .77315 .80322 .83074 .89769 .91500 .93001 .94289 .93001 .94289 .95382 .96300 .97063 .97690 .98200 .9838 .99195 .99551 .99670 .99759 .99826 .99551 .99670 .99826 .99938	.32746 .36666 .40728 .44691 .49109 .53335 .57522 .61623 .73009 .73009 .79516 .82383 .84981 .87309 .89372 .91180 .92748 .94092 .95231 .96187 .96980 .97631 .98160 .98584 .98921 .99185 .99391 .99549 .99549 .99549 .99760 .99828 .99828	.29135 .32920 .36886 .40995 .45204 .49465 .53731 .57951 .62080 .66074 .69892 .76877 .7995 .85419 .87719 .89751 .91525 .9367 .95472 .96396 .97158 .97781 .98285 .97781 .98285 .99004 .99253 .99445 .99253 .99445 .995702 .99785 .99847	• 26594 • 30255 • 34123 • 38164 • 42336 • 46594 • 50890 • 55172 • 59394 • 63506 • 67467 • 74786 • 78087 • 74786 • 78087 • 831884 • 86368 • 88571 • 90508 • 92191 • 93637 • 94864 • 95895 • 96751 • 97453 • 98023 • 98481 • 99129 • 99351 • 99521 • 99650 • 99746 • 99818 • 99871	.24679 .28229 .32005 .35976 .40103 .44341 .48642 .52958 .61430 .65491 .73059 .76500 .79682 .82591 .85218 .87564 .89636 .91443 .93003 .94334 .95456 .96391 .97162 .97790 .98297 .98700 .99018 .99265 .99456	. 23167 . 26618 . 30310 . 34214 . 38292 . 42502 . 42502 . 46790 . 55144 . 59694 . 63830 . 71590 . 75144 . 81473 . 84221 . 86686 . 88870 . 90784 . 92442 . 93861 . 95063 . 96068 . 96899 . 97579 . 98129 . 98169 . 98169 . 98169 . 99187 . 99557 . 99568 . 99835	. 21932 . 25296 . 28912 . 32752 . 36781 . 49579 . 53918 . 58208 . 62401 . 77359 . 80489 . 83340 . 85905 . 88187 . 90194 . 91937 . 93435 . 94707 . 95774 . 96660 . 97386 . 97975 . 98821 . 99114 . 99515 . 99647 . 99745	.20899 .24184 .27730 .31510 .35493 .39639 .43904 .48239 .52593 .56914 .61151 .6258 .69190 .72912 .76393 .79611 .82550 .8550 .8550 .87571 .89659 .91478 .93046 .94381 .95504 .96439 .97207 .97832 .98733 .99046 .99289 .99476 .99617 .99723	.20017 .23231 .26712 .30437 .34375 .38489 .42734 .47063 .51426 .55769 .68185 .71972 .75525 .78818 .81835 .84566 .87009 .89169 .91057 .92688 .94080 .95254 .96233 .97041 .97698 .98650 .98982 .98650 .98982 .99438 .99589 .99703	.19252 .22402 .25924 .29497 .33392 .46018 .50385 .54744 .59045 .67276 .71120 .88721 .88728 .88718 .86492 .88718 .86492 .88718 .90668 .92356 .92356 .93800 .95021 .96885 .97573 .98128 .98572 .98921 .99193 .99403 .99563 .99563	.18580 .21671 .25038 .28663 .32517 .40770 .45080 .49447 .53819 .62369 .66449 .70342 .74012 .77431 .80578 .83440 .86014 .88299 .90306 .92046 .93538 .94803 .95862 .97455 .9863 .99369 .99369 .99369 .99369 .99369
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.40 1.50 1.40 1.50 1.40 1.50 1.50 1.20 2.10 2.10 2.10 2.10 2.20 2.30 2.40 2.50 2.50 2.60 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.70 2.80 2.90 2.10	.50000 .53983 .57926 .61791 .55542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .98320 .95543 .9543 .96407 .97128 .97725 .98214 .98928 .99180 .99893 .9983 .9983 .9983 .9983 .9983 .9983 .9983 .9983 .9983 .9983	.38497 .42540 .4661 .50817 .54963 .59053 .63046 .66901 .70583 .74062 .77315 .80322 .83074 .85564 .87794 .91500 .93001 .94289 .95382 .96300 .97063 .97690 .98200 .99610 .98938 .99551 .99551 .99759 .99759 .99826 .99759	.32746 .36666 .40728 .44891 .49109 .53335 .57522 .61623 .659403 .73009 .76387 .79516 .82383 .84781 .87309 .89372 .91180 .94092 .95231 .96187 .96980 .97631 .98160 .98584 .98921 .99185 .99391 .99549 .99670 .99760	.29135 .32920 .36886 .40995 .45204 .49465 .53731 .57951 .62080 .76877 .79995 .82845 .82845 .82845 .82719 .87719 .89751 .91525 .93058 .94367 .95472 .96396 .97158 .97781 .98285 .98687 .99253 .99445 .99702 .99702	• 26594 • 30255 • 34123 • 38164 • 42336 • 65890 • 55172 • 59394 • 63506 • 67467 • 71237 • 74786 • 78087 • 74786 • 88571 • 90508 • 92191 • 93637 • 94864 • 95895 • 97453 • 98023 • 98481 • 99129 • 99521 • 99650 • 99746 • 99818	.24679 .28229 .32005 .35976 .40103 .44341 .48642 .52958 .57236 .61430 .65491 .69379 .76500 .79682 .82591 .85218 .87564 .89636 .91443 .93003 .94334 .95456 .96391 .97162 .97790 .98297 .98700 .99018 .99265 .99456 .99456 .99456	. 23167 . 26618 . 30310 . 34214 . 38292 . 42592 . 42592 . 51129 . 55444 . 59694 . 63830 . 67808 . 71590 . 75144 . 78447 . 84421 . 86686 . 88870 . 90784 . 92442 . 93861 . 95063 . 96068 . 96899 . 97579 . 981568 . 98916 . 99187 . 99397 . 99557 . 99678	. 21932 . 25296 . 28912 . 32752 . 36781 . 40962 . 49579 . 53918 . 62401 . 66451 . 70315 . 73961 . 77359 . 80489 . 83340 . 85905 . 88187 . 90194 . 91937 . 93435 . 94707 . 95774 . 96660 . 97386 . 97386 . 97386 . 97386 . 97386 . 97381 . 99341 . 99345	.20899 .24184 .27730 .31510 .35493 .33599 .43904 .48239 .52593 .56914 .61151 .65258 .69190 .72912 .76339 .7961.1 .82550 .87571 .89659 .91478 .93046 .94381 .95504 .96439 .97207 .97832 .98334 .98733 .99289 .99289 .99476 .99617 .99723	.20017 .23231 .26712 .30437 .34375 .38489 .42734 .47063 .51426 .55769 .60041 .64195 .68185 .71972 .75525 .78818 .81835 .84566 .87009 .89169 .91057 .92688 .94080 .95254 .96233 .97041 .9769 .98650 .98650 .98650 .98650 .98650 .99240 .99438 .99589 .99703	.19252 .22402 .29497 .33392 .37473 .46018 .50385 .54744 .59045 .63286 .67276 .71120 .74735 .78095 .81180 .88718 .90668 .92356 .93800 .95021 .96042 .96885 .97502 .98572 .98128 .98572 .98128 .99193 .99403 .99683	.18580 .21671 .25038 .28663 .32517 .36567 .40770 .45080 .49447 .58143 .62369 .66449 .70342 .74012 .7
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.40 1.50 1.40 1.50 1.40 1.50 1.40 1.50 1.20 2.30 2.30 2.40 2.10 2.20 2.30 2.40 2.50	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86403 .99320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214 .99610 .99594 .99534 .9963 .99534 .9963 .9974 .9963 .9974 .9983 .99865 .99903 .99931 .99956	.38497 .42540 .46661 .50817 .54963 .59053 .63046 .66901 .70583 .74062 .77315 .80322 .83074 .89769 .91500 .93001 .94289 .93001 .94289 .95382 .96300 .97063 .97690 .98200 .9838 .99195 .99551 .99670 .99759 .99826 .99551 .99670 .99759 .99826 .99826 .99826 .99826 .99826 .99826 .99826 .99826 .99826 .99826 .99826 .99826 .99826 .99826 .99826 .99826 .99826 .99826 .99826 .99938	.32746 .36666 .40728 .44691 .49109 .53335 .57522 .61623 .73009 .73009 .79516 .82383 .84981 .87309 .89372 .91180 .92748 .94092 .95231 .96187 .96980 .97631 .98160 .98584 .98921 .99185 .99391 .99549 .99549 .99549 .99760 .99828 .99828	.29135 .32920 .36886 .40995 .45204 .49465 .53731 .57951 .62080 .66074 .69892 .76877 .7995 .85419 .87719 .89751 .91525 .9367 .95472 .96396 .97158 .97781 .98285 .97781 .98285 .99004 .99253 .99445 .99253 .99445 .995702 .99785 .99847	• 26594 • 30255 • 34123 • 38164 • 42336 • 46594 • 50890 • 55172 • 59394 • 63506 • 67467 • 74786 • 78087 • 74786 • 78087 • 831884 • 86368 • 88571 • 90508 • 92191 • 93637 • 94864 • 95895 • 96751 • 97453 • 98023 • 98481 • 99129 • 99351 • 99521 • 99650 • 99746 • 99818 • 99871	.24679 .28229 .32005 .35976 .40103 .44341 .48642 .52958 .61430 .65491 .73059 .76500 .79682 .82591 .85218 .87564 .89636 .91443 .93003 .94334 .95456 .96391 .97162 .97790 .98297 .98700 .99018 .99265 .99456	. 23167 . 26618 . 30310 . 34214 . 38292 . 42502 . 42502 . 46790 . 55144 . 59694 . 63830 . 71590 . 75144 . 81473 . 84221 . 86686 . 88870 . 90784 . 92442 . 93861 . 95063 . 96068 . 96899 . 97579 . 98129 . 98169 . 98169 . 98169 . 99187 . 99557 . 99568 . 99835	. 21932 . 25296 . 28912 . 32752 . 36781 . 49579 . 53918 . 58208 . 62401 . 77359 . 80489 . 83340 . 85905 . 88187 . 90194 . 91937 . 93435 . 94707 . 95774 . 96660 . 97386 . 97975 . 98821 . 99114 . 99515 . 99647 . 99745	.20899 .24184 .27730 .31510 .35493 .39639 .43904 .48239 .52593 .56914 .61151 .6258 .69190 .72912 .76393 .79611 .82550 .8550 .8550 .87571 .89659 .91478 .93046 .94381 .95504 .96439 .97207 .97832 .98733 .99046 .99289 .99476 .99617 .99723	.20017 .23231 .26712 .30437 .34375 .38489 .42734 .47063 .51426 .55769 .68185 .71972 .75525 .78818 .81835 .84566 .87009 .89169 .91057 .92688 .94080 .95254 .96233 .97041 .97698 .98650 .98982 .98650 .98982 .99438 .99589 .99703	.19252 .22402 .25924 .29497 .33392 .46018 .50385 .54744 .59045 .67276 .71120 .88721 .88728 .88718 .86492 .88718 .86492 .88718 .90668 .92356 .92356 .93800 .95021 .96885 .97573 .98128 .98572 .98921 .99193 .99403 .99563 .99563	.18580 .21671 .25038 .28663 .32517 .40770 .45080 .49447 .53819 .62369 .66449 .70342 .74012 .77431 .80578 .86014 .88299 .90306 .92046 .93538 .94802 .95738 .96738 .97455 .98034 .98497 .98497 .98497 .98497 .98497 .98497 .98497 .98497 .99369 .99538

Table II

Probability that N standard normal random variables with common correlation p are simultaneously less than or equal to H.

	<b>~</b>	,											
3.50	/ N	1	2	3	4 .	5	6	7	8	. 9	10	11	12
3.40	-н 🔪												
3.40													
3.40	3 50	00023	00005	00003	00001	00001	00001	.00001	00000	. 00000	.00000	. 00000	- 00000
3.30													
3.10		.00048									.00001		.00001
1.00													
2.90													
2,80													
2.60			.00078									.00008	
2.50													
2.40													
2.30													
2.10		.01072						.00093	.00081				
2.00													
1.90													
1.00													
1.60	1.80	.03593	.01678	.01109	.00838		.00576						
1.50													
1.40													
1.90													
1.10	1.30	.09680	.05411	.03913	.03136	.02655	.02325	.02082	.01896	.01747	.01626	.01524	.01438
1,00													
0.90													
0.40													
0.60					.09158	.08056	.07267		.06197	.05813		.05219	
0.50													
0.40													
0.20   38209   28434   23890   21134   19234   17822   16718   1.15024   1.15079   1.14447   1.1901   1.13423     0.20   4.2014   3.2024   2.7226   2.4212   2.2274   2.0740   1.1955   1.8553   1.8753   1.1733   1.1733   1.16428   1.15095     0.10   4.0017   3.5628   3.0654   2.7750   2.5569   2.3923   2.2621   2.2156   2.0663   1.1989   1.19234   1.8649     0.00   5.0000   3.9758   3.34638   3.1399   2.9100   2.7354   2.5965   2.4823   2.3861   2.3034   2.2314   2.1678     0.10   5.5963   4.3794   3.0850   3.3238   3.2828   3.2844   3.1011   2.9545   2.8335   2.7311   2.6428   2.5657   2.4973     0.20   5.57926   4.7844   4.2443   3.9232   3.2666   3.3337   3.2668   3.0990   3.0059   2.9242   2.8816     0.30   6.1791   5.2016   4.6785   4.3342   4.0831   3.8882   3.7305   3.3590   3.3898   3.3042   2.2281     0.40   6.5542   5.5115   5.0506   4.7524   4.4995   4.4995   4.7233   4.5613   4.4250   4.3079   4.2057   4.1151   4.0342     0.60   7.7850   4.6765   6.0236   6.0040   5.7626   5.5702   5.5140   5.1477   4.9824   4.8498   4.7322   4.6292   4.7323   4.5613   4.6292   4.7322   4.6292   4.7323   4.5613   4.6450   4.7324   4.6292   4.7533   5.1112   5.2763   5.1594   5.1672   5.7583   5.8114   5.60032   5.5904   5.7584   5.7584   5.7584   5.7584   5.7583   5.8114   5.60032   5.5904   5.7584													
0.00	D.30	.38209	.28434	.23890	.21134	.19234	.17822		.15824	.15079			
0.00													
N 1 2 3 A 5 6 7 B 9 10 11 12  0.00													
0.00	7	1.50000	. 37.130	.51030	. 3.377	******	*21331						
0.00	4	1	2	3	4	5	6	7	8	9	10	11	12
0.00													
0.10	н /	1											
0.10		<b>4</b>											
0.10	0.00	.50000	• 39758	•34638	•31399	•29100	.27354	- 25965	• 24823	•23861	.23034	.22314	-21678
0.30	0.10	•53983	. 43794	• 38580	•35238	• 32844	.31011	. 29545	. 28335	.27311	.26428	.25657	.24973
0.40													
0.50													
0.80													
0.80         .78814         .71462         .67102         .64051         .61727         .59863         .58314         .56994         .55847         .54366         .53933         .53119           0.90         .81594         .78481         .70792         .67911         .65698         .63912         .62421         .61145         .60032         .59047         .58166         .57369           1.00         .84134         .78033         .74275         .71585         .69502         .67811         .66391         .66171         .64103         .63156         .62305         .61534           1.20         .88433         .88060         .77528         .75044         .73105         .71727         .73769         .72692         .71742         .70894         .70129         .69432           1.30         .90320         .88051         .83279         .81229         .79605         .78261         .773769         .72692         .71742         .70894         .70129         .69432           1.40         .91924         .88212         .85761         .83390         .82467         .81251         .80210         .79302         .78495         .77770         .77113         .76511           1.50         .93319         .9													
0.90													
1-00													
1-10													
1.30													
1.40													
1.50													
1.70		93319		•87981/	.86362								
1.80         .96407         .94492         .93147         .92102         .91243         .90512         .89876         .89312         .88804         .88343         .87921         .87530           1.90         .97128         .95547         .94420         .92536         .92805         .92179         .91632         .91145         .90706         .90306         .89938         .89598           2.00         .97275         .96432         .95498         .94759         .94143         .93614         .92733         .92357         .92014         .91698         .91404           2.10         .98214         .97168         .96402         .95790         .95277         .94834         .94443         .94093         .93775         .93483         .93214         .92964           2.30         .98928         .98264         .97765         .97359         .97015         .96715         .96430         .95867         .95867         .95861         .95836         .95867         .95857         .94264           2.30         .98928         .98264         .97765         .97359         .97061         .97418         .97201         .97005         .96825         .96659         .95597         .95424           2.40         .99		•94520	•91798										
1.90         .97128         .95547         .94420         .93536         .92805         .92179         .91632         .91145         .90706         .90306         .89938         .89598           2.00         .97725         .96432         .95498         .94759         .94143         .93434         .94273         .92357         .923483         .93214         .92964           2.10         .98214         .97168         .96402         .95790         .95277         .94834         .9443         .94093         .93775         .93483         .93214         .92964           2.20         .98610         .97772         .97151         .96650         .96227         .95861         .95536         .95244         .94978         .94733         .94507         .94296           2.40         .99180         .98264         .97765         .97359         .97615         .96715         .96448         .96207         .95987         .95850         .95597         .95424           2.40         .99180         .98663         .98406         .98185         .97991         .97816         .97658         .97512         .97378         .95252         .97135           2.50         .99379         .98816         .98169         .98		1.05544	. 03340			• 07440	• 00 DY /						
2+00         .97725         .96432         .95498         .94759         .94143         .93614         .92149         .92733         .92273         .92214         .91698         .91404           2+10         .98214         .97168         .96402         .95590         .95227         .94834         .94493         .93775         .93483         .93214         .92964           2+20         .98610         .97772         .97151         .96650         .96227         .95861         .95536         .95234         .94778         .94733         .94507         .94296           2+30         .98620         .98660         .98263         .97739         .97611         .97418         .97201         .97005         .96825         .96559         .95597         .95421           2+30         .99379         .98663         .98406         .98185         .97791         .97816         .97658         .95512         .97378         .97252         .97135           2+50         .99534         .99223         .98981         .98605         .98451         .9816         .98070         .97162         .97378         .97252         .97135           2+80         .99453         .99417         .99231         .99904         .982							.90512	.8987A	.89312	<u> 8888∩4</u>			
2.20         .98610         .97772         .97151         .96650         .96227         .95861         .95536         .95244         .94978         .94733         .94507         .94296           2.30         .98628         .97656         .97359         .97615         .96418         .97201         .97005         .95987         .95865         .96560         .9221         .97015         .96715         .96448         .96207         .95987         .95650         .96360         .96360         .9221         .97135         .97211         .97070         .96825         .96659         .96360         .96360         .98263         .99406         .98185         .97911         .97816         .97658         .97512         .97378         .97252         .97135         .96650         .99534         .999223         .98981         .98009         .98613         .98186         .98751         .97658         .97512         .97378         .97252         .97135         .99426         .99533         .99813         .98186         .98070         .979658         .97512         .97378         .97252         .97135         .98661         .99744         .99567         .99425         .99305         .99200         .99107         .99022         .98943         .98873		•96407 •97128	• 94492	.93147	.92102	.91243							
2.30         .98928         .98264         .97765         .97359         .97615         .96448         .96207         .95987         .9585         .95597         .95421           2.40         .99180         .98660         .98263         .97939         .97661         .97418         .97201         .97005         .96625         .96659         .96504         .96262         .97378         .97252         .97135         .97672         .97135         .97672         .97135         .97672         .97135         .97672         .97135         .97672         .97135         .97672         .97135         .97672         .97135         .97672         .97135         .97672         .97135         .97672         .97135         .97672         .97135         .97672         .97135         .97672         .97135         .97672         .97135         .97672         .97674         .98072         .98074         .98070         .98186         .98070         .97962         .97661         .97674         .98072         .9818         .98070         .9818         .98072         .9810         .98873         .98806         .98743         .98868         .99493         .99403         .9932         .99267         .99267         .9911         .99099         .99041 <t< td=""><th>1.90 2.00</th><td>•96407 •97128 •97725</td><td>• 94492 • 95547 • 96432</td><td>.93147 .94420 .95498</td><td>•92102 •93536 •94759</td><td>•91243 •92805 •94143</td><td>•92179 •93614</td><td>•91632 •93149</td><td>•91145 •92733</td><td>•90706 •92357</td><td>•90306 •92014</td><td>.89938 .91698</td><td>.89598 .91404</td></t<>	1.90 2.00	•96407 •97128 •97725	• 94492 • 95547 • 96432	.93147 .94420 .95498	•92102 •93536 •94759	•91243 •92805 •94143	•92179 •93614	•91632 •93149	•91145 •92733	•90706 •92357	•90306 •92014	.89938 .91698	.89598 .91404
2.40         .99180         .98660         .98263         .97939         .97661         .97418         .97201         .97005         .96825         .96659         .96504         .96360           2.50         .99379         .98975         .98406         .98185         .97971         .97816         .97568         .97512         .97378         .97252         .97135         .97767         .97653         .98417         .99231         .99074         .98939         .98818         .98709         .98610         .98518         .98432         .98257         .98277           2.80         .99744         .99567         .99425         .99305         .99200         .99107         .99022         .98945         .9863         .98649         .98684           2.90         .99813         .99681         .99574         .99483         .99403         .99267         .99267         .99951         .99099         .99051         .99009         .99574         .99888         .99610         .99843         .98873         .98664         .98433         .98664         .98433         .98684         .99674         .99403         .99305         .99267         .99267         .999207         .99151         .990999         .99551         .99464         .9940	1.90 2.00 2.10	.96407 .97128 .97725 .98214	• 94492 • 95547 • 96432 • 97168	.93147 .94420 .95498 .96402	.92102 .93536 .94759 .95790	•91243 •92805 •94143 •95277	•92179 •93614 •94834	.91632 .93149 .94443	.91145 .92733 .94093	•90706 •92357 •93775	•90306 •92014 •93483	.89938 .91698 .93214	.89598 .91404 .92964
2.50         .99379         .98875         .98663         .98466         .98185         .97991         .97816         .97658         .97512         .97378         .97252         .97135           2.60         .99534         .99231         .98780         .98651         .98411         .98181         .98709         .98181         .98709         .98610         .98518         .987962         .98277           2.80         .99744         .99567         .99425         .99305         .99200         .99107         .99022         .98945         .98613         .98806         .98743         .98684           2.90         .99813         .99681         .99574         .99483         .99403         .99207         .99107         .99207         .99151         .99099         .9951         .99024         .99151         .99099         .99684         .99684         .99684         .99684         .9969         .99255         .99559         .99550         .99460         .99565         .99512         .99255         .99550         .99600         .99565         .99533         .99475         .99488         .9967         .99600         .99565         .99533         .99570         .99488         .9967         .99683         .99659         .99563 <th>1.90 2.00 2.10 2.20</th> <td>.96407 .97128 .97725 .98214 .98610</td> <td>• 94492 • 95547 • 96432 • 97168 • 97772</td> <td>.93147 .94420 .95498 .96402 .97151</td> <td>.92102 .93536 .94759 .95790 .96650</td> <td>.91243 .92805 .94143 .95277</td> <td>.92179 .93614 .94834 .95861</td> <td>.91632 .93149 .94443 .95536</td> <td>•91145 •92733 •94093 •95244</td> <td>•90706 •92357 •93775 •94978</td> <td>•90306 •92014 •93483 •94733</td> <td>.89938 .91698 .93214 .94507</td> <td>.89598 .91404 .92964 .94296</td>	1.90 2.00 2.10 2.20	.96407 .97128 .97725 .98214 .98610	• 94492 • 95547 • 96432 • 97168 • 97772	.93147 .94420 .95498 .96402 .97151	.92102 .93536 .94759 .95790 .96650	.91243 .92805 .94143 .95277	.92179 .93614 .94834 .95861	.91632 .93149 .94443 .95536	•91145 •92733 •94093 •95244	•90706 •92357 •93775 •94978	•90306 •92014 •93483 •94733	.89938 .91698 .93214 .94507	.89598 .91404 .92964 .94296
2.70	1.90 2.00 2.10 2.20 2.30	.96407 .97128 .97725 .98214 .98610	.94492 .95547 .96432 .97168 .97772	.93147 .94420 .95498 .96402 .97151	.92102 .93536 .94759 .95790 .96650 .97359	.91243 .92805 .94143 .95277 .96227	.92179 .93614 .94834 .95861 .96715	.91632 .93149 .94443 .95536 .96448	.91145 .92733 .94093 .95244 .96207	.90706 .92357 .93775 .94978 .95987	•90306 •92014 •93483 •94733	.89938 .91698 .93214 .94507 .95597	.89598 .91404 .92964 .94296
2.80 .99744 .99567 .99425 .99305 .99200 .99107 .99022 .98945 .98873 .98806 .98743 .98684 .9909 .99091 .99681 .99681 .99681 .99681 .99688 .99483 .99403 .99307 .99267 .99267 .99267 .99267 .99267 .99267 .99267 .99267 .99267 .99267 .99267 .99269 .99259 .99259 .99259 .9926	1.90 2.00 2.10 2.20 2.30 2.40 2.50	.96407 .97128 .97725 .98214 .98610 .98928 .99180	.94492 .95547 .96432 .97168 .97772 .98264 .98660	.93147 .94420 .95498 .96402 .97151 .97765 .98263	.92102 .93536 .94759 .95790 .96650 .97359 .97939	.91243 .92805 .94143 .95277 .96227 .97015 .97661	.92179 .93614 .94834 .95861 .96715 .97418	.91632 .93149 .94443 .95536 .96448 .97201	.91145 .92733 .94093 .95244 .96207 .97005	.90706 .92357 .93775 .94978 .95987 .96825 .97512	.90306 .92014 .93483 .94733 .95785 .96659	.89938 .91698 .93214 .94507 .95597 .96504	.89598 .91404 .92964 .94296 .95421 .96360 .97135
2.90     .99813     .99681     .99574     .99483     .99403     .99322     .99267     .99207     .99151     .99099     .99051     .99004       3.00     .99865     .99767     .99688     .99619     .99559     .99505     .99456     .99410     .99367     .99328     .9920     .99255       3.10     .99903     .99832     .99773     .99678     .99637     .99600     .99565     .99533     .99503     .99475     .99488       3.20     .99931     .99880     .99837     .99800     .99767     .99709     .99683     .99659     .99637     .99670     .99781       3.30     .99962     .99915     .99884     .99857     .99881     .99859     .99850     .99850     .99870     .99837     .99824     .99811     .99800     .99789       3.40     .99966     .99940     .99988     .99899     .99881     .99855     .99850     .99850     .99837     .99824     .99811     .99800     .99789	1.90 2.00 2.10 2.20 2.30 2.40 2.50 2.60	.96407 .97128 .97725 .98214 .98610 .98928 .99180 .99379 .99534	.94492 .95547 .96432 .97168 .97772 .98264 .98660 .98975	.93147 .94420 .95498 .96402 .97151 .97765 .98263 .98663	.92102 .93536 .94759 .95790 .96650 .97359 .97939 .98406	.91243 .92805 .94143 .95277 .96227 .97015 .97661 .98185	.92179 .93614 .94834 .95861 .96715 .97418 .97991	.91632 .93149 .94443 .95536 .96448 .97201 .97816	.91145 .92733 .94093 .95244 .96207 .97005 .97658	.90706 .92357 .93775 .94978 .95987 .96825 .97512	.90306 .92014 .93483 .94733 .95785 .96659 .97378	.89938 .91698 .93214 .94507 .95597 .96504 .97252	.89598 .91404 .92964 .94296 .95421 .96360 .97135
3.00	1.90 2.00 2.10 2.20 2.30 2.40 2.50 2.60 2.70	.96407 .97128 .97725 .98214 .98610 .99828 .99180 .99379 .99534	.94492 .95547 .96432 .97168 .97772 .98664 .98975 .99223	.93147 .94420 .95498 .96402 .97151 .9765 .98263 .98663 .98981	.92102 .93536 .94759 .95790 .96650 .97359 .97939 .98406 .98780	.91243 .92805 .94143 .95277 .96227 .97015 .97661 .98185 .98605	.92179 .93614 .94834 .95861 .96715 .97418 .97991 .98451	.91632 .93149 .94443 .95536 .96448 .97201 .97816 .98313	.91145 .92733 .94093 .95244 .96207 .97005 .97658 .98186	.90706 .92357 .93775 .94978 .95987 .96825 .97512 .98070	.90306 .92014 .93483 .94733 .95785 .96659 .97378 .97962	.89938 .91698 .93214 .94507 .95597 .96504 .97252 .97861	.89598 .91404 .92964 .94296 .95421 .96360 .97135 .97767
3.20    .9931    .9980    .9983    .9980    .99767    .99736    .99709    .99683    .99659    .99637    .99615    .9955 3.30    .99952    .99915    .99884    .99857    .99833    .99811    .99790    .99771    .99754    .99737    .99721    .99706 3.40    .99966    .99940    .9989    .99891    .99865    .99850    .99837    .99824    .99811    .99800    .99789	1.90 2.00 2.10 2.20 2.30 2.40 2.50 2.60 2.70 2.80	.96407 .97128 .97725 .98214 .98610 .98928 .99180 .99379 .99534 .99653 .99744	. 94492 . 95547 . 96432 . 97168 . 97772 . 98264 . 98660 . 98975 . 99223 . 99417 . 99567	.93147 .94420 .95498 .96402 .97151 .97765 .98263 .98663 .98981 .99231	.92102 .93536 .94759 .95790 .96650 .97359 .97939 .98406 .98780 .99074	.91243 .92805 .94143 .95277 .96227 .97015 .97661 .98185 .98605 .98939	.92179 .93614 .94834 .95861 .96715 .97418 .97991 .98451 .98818	.91632 .93149 .94443 .95536 .96448 .97201 .97816 .98313 .98709 .99022	.91145 .92733 .94093 .95244 .96207 .97005 .97658 .98186 .98610	.90706 .92357 .93775 .94978 .95987 .96825 .97512 .98070 .98518 .98873	.90306 .92014 .93483 .94733 .95785 .96659 .97378 .97962 .98432	.89938 .91698 .93214 .94507 .95597 .96504 .97252 .97861 .98352 .98743	.89598 .91404 .92964 .94296 .95421 .96360 .97135 .97767 .98277
3.30	1.90 2.00 2.10 2.20 2.30 2.40 2.50 2.60 2.70 2.80 2.90 3.00	.96407 .97128 .97725 .98214 .98610 .98928 .99180 .99379 .99534 .99653 .99744 .99813	. 94492 . 95547 . 956432 . 97168 . 97772 . 98264 . 98660 . 98975 . 99223 . 99417 . 99567 . 99681 . 99767	.93147 .94420 .95498 .96402 .97151 .97765 .98263 .98663 .98981 .99231 .99425 .99574	.92102 .93536 .94759 .95790 .96650 .977359 .97939 .98406 .98780 .99074 .99305 .99483 .99619	.91243 .92805 .94143 .95277 .96227 .97015 .97661 .98185 .98605 .98939 .99200 .99403 .99559	.92179 .93614 .94834 .95861 .96715 .97418 .97991 .98451 .9818 .99107 .99332 .99505	.91632 .93149 .94443 .95536 .96448 .97201 .97816 .98313 .98709 .99022 .99267	.91145 .92733 .94093 .95244 .96207 .97005 .97658 .98186 .98610 .98945 .99207	.90706 .92357 .93775 .94978 .95987 .96825 .97512 .98070 .98518 .98873 .99151	.90306 .92014 .93483 .94733 .95785 .96659 .97378 .97962 .98432 .98806 .99099	.89938 .91698 .93214 .94507 .95597 .96504 .97252 .97861 .98352 .98743 .99051	.89598 .91404 .92964 .94296 .95421 .96360 .97135 .97767 .98277 .98684 .99004
3.40   .99966 .99940 .99918 .99899 .99881 .99865 .99850 .99837 .99824 .99811 .99800 .99789	1.90 2.00 2.10 2.20 2.30 2.40 2.50 2.60 2.70 2.80 2.90 3.00 3.10	.96407 .97128 .97725 .98214 .98610 .98928 .99180 .99379 .99534 .99653 .99744 .99813 .99865 .99903	. 94492 . 95547 . 96432 . 97168 . 97772 . 98264 . 98660 . 98975 . 99223 . 99417 . 99567 . 99681 . 99767 . 99832	.93147 .94420 .95498 .96402 .97151 .97765 .98263 .98981 .99231 .99425 .99574 .99688 .99773	.92102 .93536 .94759 .95790 .96650 .97359 .97939 .98406 .98780 .99074 .99305 .99483 .99619 .99723	.91243 .92805 .94143 .95277 .96227 .97015 .97661 .98185 .98605 .98939 .99200 .99403 .99559 .99678	.92179 .93614 .94834 .95861 .96715 .97418 .9791 .98451 .98818 .99107 .99332 .99505	.91632 .93149 .94443 .95536 .96448 .97201 .97816 .98313 .98709 .99022 .99267 .99456	.91145 .92733 .94093 .95244 .96207 .97005 .97658 .98186 .98610 .98945 .99207 .99410	.90706 .92357 .93775 .94978 .95987 .96825 .97512 .98070 .98518 .98873 .99151 .99367	.90306 .92014 .93483 .94733 .95785 .96659 .97378 .97962 .98432 .98806 .99099 .99328	.89938 .91698 .93214 .94507 .95597 .96504 .97252 .97861 .98352 .98743 .9905 .99290	.89598 .91404 .92964 .95421 .96360 .97135 .97767 .98277 .98684 .99004 .99255
	1.90 2.00 2.10 2.20 2.30 2.40 2.50 2.60 2.70 2.80 2.90 3.00 3.10 3.20	.96407 .97128 .97725 .98214 .98610 .98928 .99180 .99379 .99534 .99653 .99744 .99813 .99865 .99903	. 94492 . 95547 . 96432 . 97168 . 97772 . 98264 . 98660 . 98975 . 99223 . 99417 . 99567 . 99681 . 99767 . 99880	.93147 .94420 .95498 .96402 .97151 .97765 .98263 .98663 .98981 .99231 .99425 .99574 .99688 .99773 .99837	.92102 .93536 .94759 .95790 .96650 .97359 .98406 .98780 .99305 .99483 .99619 .99723 .99800	.91243 .92805 .94143 .95277 .96227 .97015 .98185 .98605 .98939 .99200 .99403 .99559 .995678	.92179 .93614 .94834 .95861 .96715 .97418 .97991 .98818 .99107 .99332 .99505 .99637 .99736	.91632 .93149 .94443 .95536 .96448 .97201 .97816 .98313 .98709 .99022 .99267 .99456 .99600 .99709	.91145 .92733 .94093 .95244 .96207 .97658 .98186 .98186 .98945 .999207 .99410 .99565 .99683	.90706 .92357 .93775 .94978 .95987 .96825 .97512 .98070 .98518 .98873 .99151 .99367 .99533 .99659	.90306 .92014 .93483 .94733 .95785 .96659 .97378 .97962 .98432 .98806 .99099 .99328 .99503 .99637	.89938 .91698 .93214 .94507 .95597 .96504 .97252 .97861 .98352 .98743 .99051 .99290 .99475	,89598 •91404 •92964 •95421 •96360 •97135 •97767 •98277 •98684 •99004 •99255 •99448 •99595
	1.90 2.00 2.10 2.20 2.30 2.40 2.50 2.60 2.70 2.80 2.90 3.00 3.10 3.20 3.30	.96407 .97128 .97725 .98214 .98610 .98928 .99180 .99379 .99534 .99653 .99744 .99813 .99865 .99903 .99931	. 94492 . 95547 . 96432 . 97168 . 97772 . 98264 . 98660 . 989723 . 99417 . 99567 . 99681 . 99767 . 99830 . 99815	.93147 .94420 .95498 .96402 .97151 .97765 .98263 .98663 .98981 .99425 .99574 .99688 .99773 .99884	.92102 .93536 .94759 .95790 .96650 .97359 .97939 .98406 .99774 .99305 .99483 .99619 .99723 .99830 .99857	.91243 .92805 .94143 .95277 .96227 .97661 .98185 .98605 .98939 .99200 .99403 .99559 .99678 .99767 .99833	.92179 .93614 .94834 .95861 .96715 .97418 .97991 .98451 .98818 .99107 .99332 .99505 .99637 .99736	.91632 .93149 .94443 .95536 .96448 .97201 .97816 .98313 .98709 .99022 .99267 .99456 .99600 .99709	.91145 .92733 .94093 .95244 .96207 .97005 .97658 .98186 .98610 .98945 .99207 .99410 .99565 .99683	.90706 .92357 .93775 .94978 .95987 .96825 .97512 .98070 .98518 .98873 .99151 .99367 .99533 .99659	.90306 .92014 .93483 .94733 .95785 .96659 .97378 .97962 .98806 .98806 .99999 .99328 .99503 .99637	.89938 .91698 .93214 .94507 .95597 .96504 .97252 .97861 .98352 .98743 .99051 .99290 .99475 .99615	.89598 .91404 .92964 .94296 .95421 .96360 .97135 .97767 .98277 .98684 .99004 .99255 .99498 .99595
	1.90 2.00 2.10 2.20 2.30 2.40 2.50 2.60 2.70 2.80 2.90 3.00 3.10 3.20 3.30 3.40	.96407 .97128 .97725 .98214 .98610 .98928 .99180 .99379 .99534 .99653 .99744 .99813 .99865 .99903 .99903 .99931 .99952	. 94492 . 95547 . 96432 . 97168 . 97772 . 98264 . 98660 . 98975 . 99223 . 99417 . 99567 . 99681 . 99767 . 99832 . 99880 . 99915 . 99940	.93147 .94420 .95498 .96402 .97151 .97765 .98263 .98663 .98981 .99231 .99425 .99574 .99688 .99773 .99884 .999884 .99918	.92102 .93536 .94759 .95790 .96650 .97359 .98406 .98764 .99305 .99483 .99619 .99723 .99800 .99899	.91243 .92805 .94143 .95277 .96227 .97015 .98185 .98605 .98939 .99200 .99403 .99559 .99678 .99767 .99833 .99833	.92179 .93614 .94834 .95861 .96715 .97418 .97991 .98451 .99107 .99332 .99505 .99637 .99736 .99811 .99865	.91632 .93149 .94443 .95536 .96448 .97201 .97816 .98313 .98709 .99022 .99267 .99456 .99600 .99709 .99799 .99799	.91145 .92733 .94093 .95244 .96207 .97658 .98186 .98610 .98945 .99207 .99410 .99565 .99683 .99771	.90706 .92357 .93775 .94978 .95987 .96825 .97512 .98070 .98518 .98873 .99151 .99367 .99533 .99659 .99754	.90306 .92014 .93483 .94733 .95785 .96659 .97378 .97962 .98806 .99099 .99328 .99503 .99637 .99737	.89938 .91698 .93214 .94507 .95597 .96504 .97252 .97861 .98352 .98743 .99051 .99290 .99475 .99615 .99721	.89598 .91404 .92964 .92964 .95421 .96360 .97135 .97767 .98277 .98684 .99004 .99255 .99448 .99595

ρ = .875

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3.50	.00023	,00008	•00004	•00003	•00002	•00002	•00002	• 00001	•00001	•00001	•00001	.00001
3.40	.00034	.00012	•00007	•00005	• 00004	•00003	•00003	•00002	•00002	•00002	•00002	•00002
3.30 3.20	.00048 .00069	.00017 .00026	.00010 .00015	.00007 .00011	•00006 •00009	.00005 .00007		• 00004 • 00006	.00003 .00005	.00003 .00004	.00003 .00004	.00002 .00004
3.10	•00097	• 00037	•00023	•00017	•00013	•00011	+00010	• 0000B	•0000B	•00007	•00006	•00006
3.00 2.90	•00135 •00187	•00054 •00077	.00034 .00049	•00025 •00036	•00020	•00017		.00013	•00012	•00011	•00010	•00009
2.80	•00256	•00109	•00070	•00053	.00029 .00043	.00025 .00036		.00019	.00017 .00026	.00016 .00024	.00015 .00022	.00014 .00020
2.70	•00347	•00152	•00100	•00076	•00062	•00053	+00046	+00041	•00038	•00035	•00032	•00030
2.60 2.50	•00466	.00211 .00290	•00141 •00196	•0010B	• 00088	•00076		• 00060	•00055	•00051	•00047	•00044
2.40	.00820	•00395	•00170	•00151 •00211	•00125 •00176	•00108 •00152		.00086 .00122	•00079 •00112	•00073 •00104	•00068 •00097	•00064 •00092
2.30	•01072	•00533	•00370	•00291	.00244	.00212	•00190	•00172	•00158	•00147	.00138	•00130
2.20 2.10	•01390 •01786	•00711 •00941	•00502 •00673	•00398 •00539	•00336 •00457	•00294		•00240	15500	•00206	•00194	•00183
2.00	.02275	.01232	•00893	•00722	•00457	+00402 +00544	+00361 +00491	+00330 +00451	•00306 •00418	•00286 •00392	•00269 •00370	•00255 •00351
1.90	•02872	•01599	•01175	•00957	•00823	•00730	.00662	•00609	•00567	• 00532	•00503	.00478
1.80 1.70	•03593 •04457	.02056 .02619	•01531 •01975	•01258 •01637	•01087 •01423	•00969 •01275	.00882	+00814 +01078	•00760	•00715	•00677	•00645 •00862
1.60	-05480	•03305	•02525	•02109	•01423 •01845	•01275 •01660	.01522	•01078 •01413	•01009 •01326	•00951 •01253	•00903 •01192	.00862 .01139
1.50	•06681	•04132	•03197	•02692	• 02369	.02141	•01970	• 01835	.01726	•01635	.01558	•01492
1.40	•08076 •09680	•05120 •06288	•04010 •04984	.03404 .04263	•03012 •03794	.02734 .03459	.02525 .03205	.02359 .03004	.02225 .02840	•02113	.02017	.01935
1.20	•11507	.07653	.06138	.05290	•04734	.04335		• 03788	.03590	•02703 •03424	.02586 .03283	.02485 .03160
1.10	•13567	•09232	•07491	•06504	• 05852	•05381	•05020	•04732	•04496	• 04297	.04127	.03979
1.00 0.90	•15866 •18406	•11040 •13089	•09059 •10859	•07924 •09566	•07167 •08698	.06617 .08063		.05856 .07179	•05577	.05342	•05140	•04964
0.80	.21186	• 15386	12902	.11446	•10460	•09735	.07572 .09173	.08719	•06853 •08343	•06578 •08024	.06341 .07749	.06134 .07509
0.70	-24196	• 17935	.15198	• 13574	• 12467	.11649	.11010	• 10494	+10064	.09699	.09383	.09107
0.60	•27425 •30854	•20734 •23775	•17749 •20554	•15959 •18602	14729	•13814 •16239	-13098	• 12516	•12031 •14253	•11617 •13790	.11259	•10944 •13033
0.40	•34458	-27046	.23607	•21500	• 17250 • 20030	.18925	•15444 •18051	•14796 •17337	16737	16224	.15777	.15382
0.30	-38209	• 30527	-26894	.24644	• 23063	.21867	.20919	.20140	.19484	.18921	.18430	. 17996
0.20	•42074 •46017	•34194 •38015	•30396 •34086	•28018 •31601	• 26336 • 29830	•25057 •28476		. 23198	.22489	.21878	.21344	.20872
0.00	•50000	•41957	•37935	•35365	.33521	.32104	•27393 •30965	• 26498 • 30020	.25739 .29218	.25084 .28523	•24511 •27913	.24001 ·
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	1	2	3	•	5	6	7	8	9	10	11	12
0.00	•50000	•41957	•37935	•35365	•33521	•32104	•30965	•300≥0	•29218	• <b>2</b> 8523	.27913	.27370
		•41957 •45981	•37935 •41908	•35365 •39278	•33521 •37378	•32104 •35910	•30965 •34726	•30020 •33740	•29218 •32900	•28523 •32171	.27913 .31529	.27370 .30958
0.00 0.10 0.20 0.30	•50000 •53983 •57926 •61791	•41957 •45981 •50046 •54109	•37935 •41908 •45963 •50061	•35365	•33521	•32104	•30965	•300≥0	•29218	• <b>2</b> 8523	.27913	.27370 .30958 .34736
0.00 0.10 0.20 0.30 0.40	•50000 •53983 •57926 •61791 •65542	•41957 •45981 •50046 •54109 •58130	•37935 •41908 •45963 •50061 •54157	•35365 •39278 •43301 •47395 •51516	•33521 •37378 •41365 •45442 •49568	•32104 •35910 •39861 •43918 •48040	•30965 •34726 •38643 •42679 •46792	•30020 •33740 •37625 •41639 •45742	.29218 .32900 .36755 .40749	•28523 •32171 •35999 •39972 •44052	•27913 •31529 •35332 •39286 •43353	.27370 .30958 .34736 .38671 .42727
0.00 0.10 0.20 0.30	•50000 •53983 •57926 •61791	•41957 •45981 •50046 •54109 •58130 •62068	•37935 •41908 •45963 •50061 •54157 •58210	•35365 •39278 •43301 •47395 •51516	•33521 •37378 •41365 •45442 •49568 •53697	•32104 •35910 •39861 •43918 •48040 •52182	.30965 .34726 .38643 .42679 .46792 .50939	•30020 •33740 •37625 •41639 •45742 •49891	.29218 .32900 .36755 .40749 .44840 .48987	.28523 .32171 .35999 .39972 .44052	.27913 .31529 .35332 .39286 .43353	.27370 .30958 .34736 .38671 .42727
0.00 0.10 0.20 0.30 0.40 0.50 0.60	.50000 .53983 .57926 .61791 .65542 .69146 .72575	•41957 •45981 •50046 •54109 •58130 •62068 •65883	•37935 •41908 •45963 •50061 •54157 •58210 •62176 •66017	•35365 •39278 •43301 •47395 •51516 •55620 •59664 •63606	•33521 •37378 •41365 •45442 •49568	•32104 •35910 •39861 •43918 •48040	•30965 •34726 •38643 •42679 •46792	•30020 •33740 •37625 •41639 •45742	.29218 .32900 .36755 .40749	•28523 •32171 •35999 •39972 •44052	•27913 •31529 •35332 •39286 •43353	.27370 .30958 .34736 .38671 .42727
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804	•41957 •45981 •50046 •54109 •58130 •62068 •65883 •69542 •73015	•37935 •41908 •45963 •50061 •54157 •58210 •62176 •66017 •69698	.35365 .39278 .43301 .47395 .51516 .55620 .59664 .63606 .67409	• 33521 • 37378 • 41365 • 45442 • 49568 • 53697 • 57787 • 61793 • 65676	.32104 .35910 .39861 .43918 .48040 .52182 .56300 .60350 .64291	.30965 .34726 .38643 .42679 .46792 .50939 .55076 .59157 .63141	• 30020 • 33740 • 37625 • 41639 • 45742 • 49891 • 54039 • 58144 • 62161	.29218 .32900 .36755 .40749 .44840 .48987 .53144 .57266 .61309	.28523 .32171 .35999 .39972 .44052 .48195 .52357 .56493	.27913 .31529 .35332 .39286 .43353 .47491 .51656 .55803	.27370 .30958 .34736 .38671 .42727 .46860 .51027 .55182 .59280
0.00 0.10 0.20 0.30 0.40 0.50 0.60	.50000 .53983 .57926 .61791 .65542 .69146 .72575	•41957 •45981 •50046 •54109 •58130 •62068 •65883	.37935 .41908 .45963 .50061 .54157 .58210 .62176 .66017 .69698 .73189	.35365 .39278 .43301 .47395 .51516 .55620 .59664 .63606 .67409 .71038	• 33521 • 37378 • 41365 • 45442 • 49568 • 53697 • 57787 • 61793 • 65676 • 69400	•32104 •35910 •39861 •43918 •48040 •52182 •56300 •60350 •64291 •68084	.30965 .34726 .38643 .42679 .46792 .50939 .55076 .59157 .63141	.30020 .33740 .37625 .41639 .45742 .49891 .54039 .58144 .62161	.29218 .32900 .36755 .40749 .44840 .48987 .53144 .57266 .61309 .65233	.28523 .32171 .35999 .39972 .44052 .48195 .52357 .56493 .60558 .64511	.27913 .31529 .35332 .39286 .43353 .47491 .51656 .55803 .59886 .63864	.27370 .30958 .34736 .38671 .42727 .46860 .51027 .55182 .59280 .63278
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00	•50000 •53983 •57926 •61791 •65542 •69146 •72575 •75804 •78814 •81594 •84134	•41957 •45981 •50046 •54109 •58130 •62068 •65883 •69542 •73015 •76276 •79309 •82099	.37935 .41908 .45963 .50061 .54157 .58210 .62176 .666017 .69698 .73189 .73464 .79505	.35365 .39278 .43301 .47395 .51516 .55620 .59664 .63606 .67409 .71038 .74465	• 33521 • 37378 • 41365 • 45442 • 49568 • 53697 • 57787 • 61793 • 65676 • 69400 • 72933 • 76249	•32104 •35910 •39861 •43918 •48040 •52182 •56300 •60350 •64291 •68084 •71696 •75099	.30965 .34726 .38643 .42679 .50939 .55076 .59157 .63141 .66987 .70662	• 30020 • 33740 • 37625 • 41639 • 45742 • 49891 • 54039 • 58144 • 62161	.29218 .32900 .36755 .40749 .44840 .48987 .53144 .57266 .61309	.28523 .32171 .35999 .39972 .44052 .48195 .52357 .56493	.27913 .31529 .35332 .39286 .43353 .47491 .51656 .55803	.27370 .30958 .34736 .38671 .42727 .46860 .51027 .55182 .59280
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433	•41957 •45981 •50046 •54109 •58130 •62068 •65883 •69542 •73015 •76276 •79309 •82099 •84639	.37935 .41908 .45963 .50061 .54157 .58210 .62176 .66017 .69698 .73189 .76464 .79505	• 35365 • 39278 • 43301 • 47395 • 51516 • 55620 • 59664 • 63606 • 67409 • 71038 • 74667 • 80626	•33521 •37378 •41365 •45442 •49568 •53697 •61793 •65676 •69400 •72933 •76249	.32104 .35910 .39861 .43918 .48040 .52182 .56300 .60350 .64291 .68084 .71696 .75099 .78271	.30965 .34726 .38643 .42679 .46792 .50939 .55076 .59157 .63141 .66987 .70662 .74134	• 30020 • 33740 • 37625 • 41639 • 45742 • 49891 • 54039 • 58144 • 62161 • 66050 • 69775 • 73304 • 76611	.29218 .32900 .36755 .40749 .44840 .48987 .53144 .57266 .61309 .65233 .69000 .72576 .75936	.28523 .32171 .35999 .39972 .44052 .48195 .52357 .56493 .60558 .64511 .68313 .71930 .75334	.27913 .31529 .35332 .39286 .43353 .47491 .51656 .55803 .59886 .63864 .67696 .71348	.27370 .30958 .34736 .38671 .42727 .46860 .51027 .55182 .59280 .63278 .67137 .70821
H 0.00 0.10 0.20 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40	•50000 •53983 •57926 •61791 •65542 •69146 •72575 •75804 •78814 •81594 •84134	.41957 .45981 .50046 .54109 .58130 .62083 .66583 .69542 .73015 .76276 .779309 .82099 .84639 .84639	.37935 .41908 .45963 .50061 .54157 .58210 .62176 .666017 .69698 .73189 .73464 .79505	.35365 .39278 .43301 .47395 .51516 .55620 .59664 .63606 .67409 .71038 .74465	• 33521 • 37378 • 41365 • 45442 • 49568 • 53697 • 57787 • 61793 • 65676 • 69400 • 72933 • 76249	•32104 •35910 •39861 •43918 •48040 •52182 •56300 •60350 •64291 •68084 •71696 •75099	.30965 .34726 .38643 .42679 .46792 .50939 .55076 .59157 .63141 .66987 .70662 .74134 .77380 .80381	.30020 .33740 .37625 .41639 .45742 .49891 .54039 .58144 .62161 .66050 .69775 .73304 .76611	.29218 .32900 .36755 .40749 .44840 .48987 .53144 .57266 .61309 .65233 .69000 .72576 .79536	.28523 .32171 .35999 .39972 .44052 .48195 .52357 .56493 .60558 .64511 .68313 .71930 .75334	.27913 .31529 .35332 .39286 .43353 .47491 .51656 .55803 .59886 .63864 .67696 .71348 .74792 .78003	.27370 .30958 .34736 .38671 .42727 .46860 .51027 .55182 .59280 .63278 .67137 .70821 .74299 .77548
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924	.41957 .45981 .50046 .54109 .58130 .62068 .65883 .69542 .73015 .76276 .79309 .84639 .86928 .88928 .88928	.37935 .41908 .45963 .50061 .54157 .58210 .62176 .66017 .69698 .73189 .76464 .79505 .82299 .84839 .87124	.35365 .39278 .43301 .47395 .51516 .55620 .59664 .63606 .67409 .71038 .74465 .77667 .80626 .83333 .85782 .87975	• 33521 • 37378 • 41365 • 45442 • 49568 • 53697 • 57787 • 61793 • 65676 • 69400 • 72933 • 76249 • 79328 • 82157 • 84729 • 87041	.32104 .35910 .39861 .43918 .48040 .52182 .6300 .60350 .64291 .68084 .71696 .75099 .78271 .81195 .83863 .86270	.30965 .34726 .38647 .42679 .46792 .55076 .59157 .63141 .66987 .70662 .74134 .77380 .80381 .83128	.30020 .33740 .37625 .41639 .45742 .49891 .54039 .58144 .66050 .69775 .73304 .76611 .79677 .82490	.29218 .32900 .36755 .40749 .44840 .48987 .53144 .57266 .61309 .65233 .69000 .72576 .75936	.28523 .32171 .35999 .39972 .44052 .48195 .52357 .56493 .60558 .64511 .68313 .71930 .75334	.27913 .31529 .35332 .39286 .43353 .47491 .51656 .55803 .59886 .63864 .67696 .71348 .74792 .78003	.27370 .30958 .34736 .38671 .42727 .46860 .51027 .55182 .59280 .63278 .67137 .70821 .74299 .77548
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .88493 .90320 .91924 .93319 .94520	.41957 .45981 .50046 .54109 .58130 .62083 .69542 .73015 .76276 .779309 .82099 .84639 .84639 .88969 .90771 .92345	.37935 .41908 .45963 .50061 .54157 .58210 .62176 .66017 .69698 .73189 .76464 .79505 .82299 .84839 .87124 .89158	• 35365 • 39278 • 43301 • 47395 • 51516 • 55620 • 59664 • 63606 • 67409 • 71038 • 74465 • 77667 • 80626 • 83333 • 85782 • 87975 • 89918	• 33521 • 37378 • 41365 • 45442 • 49568 • 53697 • 57787 • 61793 • 65676 • 69400 • 72933 • 76249 • 79328 • 82157 • 84729 • 87041 • 89099	.32104 .35910 .39861 .43918 .48040 .52182 .60350 .60350 .64291 .68084 .71696 .75099 .78271 .81195 .83863 .86270 .88419	.30965 .34726 .38643 .42679 .46792 .50939 .55076 .59157 .63141 .66987 .70662 .74134 .77380 .80381 .83128 .85613 .87839	.30020 .33740 .37625 .41639 .45742 .49891 .54039 .58144 .62161 .66050 .69775 .73304 .76611 .79677 .82490 .85041 .87332	.29218 .32900 .36755 .40749 .44840 .48987 .53144 .57266 .61309 .65233 .69000 .72576 .75936 .79057 .81926 .84535 .86882	.28523 .32171 .359972 .44052 .48195 .52357 .56493 .60558 .64511 .68313 .71930 .75334 .78503 .81422 .84081 .86477	.27913 .31529 .35332 .39286 .43353 .47491 .51656 .55803 .59886 .63864 .67696 .71348 .74792 .78003 .89666 .83669 .86110	.27370 .30958 .34736 .38671 .42727 .46860 .51027 .55182 .59280 .63278 .67137 .70821 .74299 .77548 .80550 .83293 .85773
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.60	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924	.41957 .45981 .50046 .54109 .58130 .62068 .65883 .69542 .73015 .76276 .79309 .84639 .86928 .88928 .88928	.37935 .41908 .45963 .50061 .54157 .58210 .62176 .666017 .69698 .73189 .76464 .79505 .82299 .84839 .87124 .89158	.35365 .39278 .43301 .47395 .51516 .55620 .59664 .63606 .67409 .71038 .74465 .77667 .80626 .83333 .85782 .87975 .89918	• 33521 • 37378 • 41365 • 45442 • 49568 • 53697 • 57787 • 61793 • 65676 • 69400 • 72933 • 76249 • 79328 • 82157 • 84729 • 887041 • 89099 • 90910	.32104 .35910 .39861 .43918 .48040 .52182 .6300 .60350 .64291 .68084 .71696 .75099 .78271 .81195 .83863 .86270	.30965 .34726 .38643 .42679 .50939 .55076 .59157 .63141 .66987 .70662 .74134 .77380 .80381 .83128 .85613 .87839 .89810	.30020 .33740 .37625 .41639 .45742 .49891 .58144 .62161 .66050 .69775 .73304 .76611 .79677 .82490 .85041 .87332 .89365	.29218 .32900 .36755 .40749 .44840 .48987 .53144 .57266 .61309 .65233 .69000 .72576 .75936 .75936 .84535 .86882 .88970	.28523 .32171 .35999 .39972 .44052 .48195 .52357 .56493 .60558 .64511 .68313 .71930 .75334 .78503 .81422 .84081 .86477	.27913 .31529 .35332 .39286 .43353 .47491 .51656 .55803 .59886 .63864 .67696 .71348 .74792 .78003 .80966 .83669 .86110	.27370 .30958 .34736 .38671 .42727 .46860 .51027 .55182 .59280 .63278 .67137 .70821 .74299 .77548 .80550 .83293 .85773
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .96407 .97128	.41957 .45981 .50046 .54109 .58130 .62088 .65883 .69542 .73015 .76276 .779309 .82099 .84639 .84639 .90771 .92345 .93705 .93705	.37935 .41908 .45963 .50061 .54157 .58210 .62176 .66017 .69698 .73189 .76464 .79505 .82299 .84839 .87124 .89158 .90949 .92511 .93858	• 35365 • 39278 • 43301 • 47395 • 51516 • 55620 • 59664 • 63606 • 67409 • 71038 • 74465 • 77667 • 80626 • 83333 • 85782 • 87975 • 89918 • 91621 • 93098 • 94366	.33521 .37378 .41365 .45442 .49568 .53697 .57787 .61793 .65676 .69400 .72933 .76249 .79328 .82157 .84729 .87041 .89099 .9910 .92488 .93847	.32104 .35910 .39861 .43918 .48040 .52182 .60350 .60350 .64291 .68084 .71696 .75099 .78271 .81195 .83863 .86270 .88419 .90318 .91977 .93412	.30965 .34726 .38643 .42679 .46792 .50939 .55076 .59157 .63141 .66987 .70662 .74134 .77380 .80381 .83128 .85613 .87839 .89810 .91538	.30020 .33740 .37625 .41639 .45742 .49891 .54039 .58144 .62161 .66050 .69775 .73304 .76611 .79677 .82490 .85041 .87332 .89365 .91152	.29218 .32900 .36755 .40749 .48840 .48987 .53144 .57266 .61309 .65233 .69000 .72576 .79057 .81926 .84535 .86882 .88970 .92408	.28523 .32171 .35999 .39972 .44052 .48195 .52357 .56493 .60558 .64511 .68313 .71930 .75334 .78503 .81422 .84081 .86477 .88613 .90497	.27913 .31529 .35332 .39286 .43353 .47491 .51656 .55803 .59886 .63864 .67696 .71348 .74792 .78003 .80966 .83669 .86110 .88289 .90213 .91895	.27370 .30958 .34736 .38671 .42727 .46860 .51027 .55182 .59280 .63278 .67137 .70821 .74299 .77548 .80550 .83293 .85773 .87991 .89953 .91670
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .881594 .88493 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725	.41957 .45981 .50046 .54109 .58130 .69582 .69582 .73015 .76276 .79309 .84639 .86928 .90771 .92345 .93705 .94870 .958862	.37935 .41908 .45963 .50061 .54157 .58210 .62176 .666017 .69698 .73189 .76464 .79505 .82299 .84839 .87124 .89158 .90949 .92511 .93858 .95007	• 35365 • 39278 • 43301 • 47395 • 51516 • 55620 • 59664 • 63606 • 67409 • 71038 • 74667 • 80626 • 83333 • 85782 • 87975 • 89918 • 91621 • 93098 • 94366 • 95442	• 33521 • 37378 • 41365 • 45442 • 49568 • 53697 • 57787 • 61793 • 6569 • 69400 • 72933 • 79328 • 82157 • 84729 • 87041 • 89099 • 90910 • 92488 • 93847 • 950006	.32104 .35910 .39861 .43918 .48040 .52182 .56300 .60350 .64291 .68084 .71696 .75099 .78271 .81195 .83863 .86270 .88419 .90318 .91977 .93412 .94639	.30965 .34726 .38643 .42679 .46792 .50939 .55076 .59157 .70662 .74134 .77380 .80381 .83128 .85613 .87839 .89810 .91538	.30020 .33740 .37625 .41639 .45742 .49891 .54039 .58144 .62161 .66050 .69775 .73304 .76611 .79677 .82490 .85041 .87332 .89365 .91152 .92704	.29218 .32900 .36755 .40749 .44840 .48987 .53144 .57266 .61309 .65233 .69000 .72576 .75936 .79057 .81926 .84535 .86882 .88970 .90808 .92408	.28523 .32171 .35999 .39972 .44052 .48195 .52357 .56493 .60558 .64511 .68313 .71930 .75334 .78503 .81422 .84081 .86477 .88613 .90497 .92140	.27913 .31529 .35332 .39286 .43353 .47491 .51656 .55803 .59886 .63864 .67696 .71348 .74792 .78003 .80966 .83669 .86110 .88289 .90213 .91895 .93349	.27370 .30958 .34736 .38671 .42727 .46860 .51027 .55182 .59280 .63278 .67137 .70821 .74299 .77548 .80550 .83293 .85773 .87991 .89953 .91670 .93156
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0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.10 2.20 2.30	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .86433 .88493 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214 .98610 .98928	.41957 .45981 .50046 .54109 .58130 .69582 .69582 .73015 .76276 .79309 .84639 .86928 .88999 .90771 .92345 .93705 .94870 .958582 .97368 .97308	.37935 .41908 .45963 .50061 .54157 .58210 .62176 .666017 .79505 .82299 .84839 .87124 .89158 .90949 .92511 .93858 .95007 .95978 .95978 .96790 .97461	• 35365 • 39278 • 43301 • 47395 • 51516 • 55664 • 63606 • 67409 • 71038 • 74667 • 80626 • 83333 • 85782 • 87975 • 89918 • 91621 • 93098 • 94366 • 95442 • 96346 • 977098	• 33521 • 37378 • 41365 • 45442 • 49568 • 53697 • 61797 • 61793 • 659400 • 72933 • 79328 • 82157 • 84729 • 87041 • 89099 • 90910 • 92488 • 93847 • 95984 • 95984 • 96800 • 97474	.32104 .35910 .39861 .43918 .48040 .52182 .56300 .60350 .64291 .68084 .71696 .75099 .78271 .81195 .83863 .86270 .88419 .90318 .91977 .93412 .94639 .95647 .96546	.30965 .34726 .38643 .42679 .46792 .50939 .55076 .59157 .70662 .74134 .77380 .80381 .83128 .85613 .87839 .89810 .91538 .93036 .94320 .95410 .96325 .97085	• 30020 • 33740 • 37625 • 41639 • 45742 • 49891 • 68161 • 66050 • 69775 • 73304 • 76611 • 79677 • 82490 • 85041 • 87332 • 89365 • 91152 • 92704 • 94039 • 94039 • 96924	.29218 .32900 .36755 .40749 .44840 .48987 .53144 .57266 .61309 .65233 .69000 .72576 .75936 .79057 .81926 .84535 .86882 .88970 .90808 .92408 .93787 .94962 .95952	• 28523 • 32171 • 35999 • 39972 • 44052 • 48195 • 52357 • 564558 • 64511 • 68313 • 75334 • 78503 • 81422 • 84081 • 886477 • 988613 • 90497 • 92140 • 93558 • 94769 • 95791 • 96645	.27913 .31529 .35332 .39286 .43353 .47491 .51656 .55803 .59886 .63864 .67696 .71348 .74792 .78003 .80966 .83669 .86110 .88289 .90213 .91895 .93349 .94592 .95643	.27370 .30958 .34736 .38671 .42727 .46860 .51027 .55182 .59280 .63278 .67137 .70821 .74299 .77548 .80550 .83293 .85773 .87991 .89953 .91670 .93156 .94428 .95506
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0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.90 1.00 1.00 1.20 1.30 1.60 1.60 1.60 1.70 1.80 1.60 1.90 2.00 2.10 2.20 2.30 2.40 2.50	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .86433 .88493 .90320 .91924 .93319 .94520 .97128 .97128 .97128 .97725 .98214 .98610 .98928 .99180 .99379	.41957 .45981 .50046 .54109 .58130 .62068 .65883 .69542 .73015 .76276 .79309 .84639 .86928 .88969 .90771 .92345 .93705 .94870 .95856 .97308 .97308 .97308 .97308 .97308	• 37935 • 41908 • 45963 • 550061 • 54157 • 58210 • 62176 • 66017 • 69698 • 73189 • 76464 • 79505 • 82299 • 84839 • 87124 • 89158 • 90949 • 92511 • 93858 • 95007 • 95770 • 96790 • 97461 • 98455	• 35365 • 39278 • 43301 • 47395 • 51516 • 55620 • 59664 • 63606 • 67409 • 71038 • 74465 • 77667 • 80626 • 83333 • 85782 • 87975 • 89918 • 91621 • 93098 • 94366 • 97098 • 97098 • 97716 • 978220 • 98625	• 33521 • 37378 • 41365 • 45442 • 49568 • 53787 • 61793 • 65676 • 69400 • 72933 • 76249 • 87041 • 89099 • 97041 • 89099 • 93847 • 95906 • 95984 • 95984 • 96800 • 97474 • 98024 • 98469	.32104 .35910 .39861 .43918 .48040 .52182 .60350 .60350 .64291 .68084 .71696 .75099 .78271 .81195 .83863 .86270 .88419 .99318 .91977 .93412 .94639 .95677 .96546 .97267	.30965 .34726 .38643 .42679 .46792 .50939 .55076 .59157 .63141 .66987 .70662 .74134 .77380 .80381 .83128 .85613 .87839 .89810 .91538 .93036 .94320 .95410 .96325 .97085 .97710	.30020 .33740 .37625 .41639 .45742 .49891 .54039 .58144 .62161 .66050 .69775 .73304 .76611 .79677 .82490 .85041 .87332 .89365 .91152 .92704 .94039 .951174 .96129 .96129 .96129 .96129 .97578	.29218 .32900 .36755 .40749 .48840 .48987 .53144 .57266 .61309 .65233 .69000 .72576 .79057 .81926 .84535 .86882 .88970 .92408 .92408 .93787 .94962 .95952 .96778 .97460 .98016	.28523 .32171 .359972 .44052 .48195 .52357 .56493 .60558 .64511 .68313 .719334 .78503 .81422 .84081 .86477 .88613 .90497 .92140 .93558 .94769 .95791 .96445 .97351	.27913 .31529 .35332 .39286 .43353 .47491 .51656 .55803 .59886 .63864 .67696 .71348 .74792 .78003 .80966 .83669 .86110 .88289 .9610 .91895 .93349 .94592 .95643 .96523 .97251 .97847	.27370 .30958 .34736 .38671 .42727 .46860 .51027 .55182 .59280 .63278 .67137 .70821 .74299 .77548 .80550 .83293 .85773 .87991 .89953 .99156 .94428 .95506 .94428 .95506
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.50 1.60 1.70 1.80 1.90 2.10 2.20 2.30 2.40 2.50 2.50 2.60 2.70	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .88493 .90320 .91924 .93319 .94520 .95543 .97725 .98610 .98928 .999180 .99379 .99534	.41957 .45981 .50046 .54109 .58130 .62068 .65883 .69542 .73015 .76276 .79309 .84639 .86928 .88928 .89679 .90771 .92345 .93705 .94870 .95856 .96828 .97368 .97368 .97368 .97368 .97368 .97368 .97368 .97368 .97368 .97368 .97368	• 37935 • 41908 • 45963 • 550061 • 54157 • 58210 • 62176 • 66017 • 69698 • 73189 • 76464 • 79505 • 82299 • 84839 • 87124 • 89158 • 90949 • 92511 • 93858 • 95007 • 95978 • 96790 • 97461 • 98015 • 98812 • 99095 • 99317	• 35365 • 39278 • 43301 • 47395 • 51516 • 55620 • 59664 • 63606 • 67409 • 71038 • 74465 • 77667 • 80626 • 83333 • 85782 • 87975 • 89918 • 91621 • 91621 • 96346 • 97098 • 97098 • 97098 • 97098 • 97098 • 97098 • 97098 • 98220 • 98948 • 98948	• 33521 • 37378 • 41365 • 45442 • 49568 • 53697 • 61793 • 65676 • 69400 • 72933 • 76249 • 79328 • 82157 • 84729 • 87041 • 89099 • 93847 • 95006 • 92488 • 95984 • 95984 • 96800 • 97474 • 98024 • 98469 • 98865 • 99107	.32104 .35910 .39861 .43918 .48040 .52182 .60350 .60350 .64291 .68084 .71696 .75029 .78271 .81195 .83863 .93863 .91977 .93412 .94639 .95677 .96546 .97267 .97857 .98355 .98719 .99024	.30965 .34726 .386479 .42679 .42679 .42679 .55076 .59157 .63141 .66987 .70662 .74134 .77380 .80381 .83128 .85613 .87839 .89810 .91538 .93036 .94320 .95410 .96325 .97710 .98217 .988217 .988217	.30020 .33740 .3762 .41639 .45742 .49891 .54039 .58144 .66050 .69775 .73304 .76611 .79677 .82490 .85041 .87332 .89365 .91152 .92704 .94039 .95174 .96129 .96129 .96129 .96129 .96129 .98542 .98542	.29218 .32900 .36755 .40749 .44840 .48987 .53144 .57266 .61309 .65233 .69000 .72576 .75936 .75936 .75936 .75936 .90808 .92408 .93787 .94962 .9552 .96778 .97460 .98016 .98016 .98016 .98016	• 28523 • 32171 • 35999 • 39972 • 44052 • 48195 • 52357 • 56493 • 60558 • 64511 • 68313 • 71930 • 75334 • 78503 • 81422 • 84081 • 86477 • 88613 • 90497 • 92140 • 93558 • 94769 • 95791 • 9645 • 977928 • 98769	.27913 .31529 .35332 .39286 .43353 .47491 .51656 .55803 .59886 .63864 .67696 .71348 .74792 .78003 .80966 .83669 .86110 .88289 .90213 .91895 .93349 .995643 .995643 .975251	.27370 .30958 .34736 .38671 .42727 .46860 .51027 .55182 .59280 .63278 .67137 .70821 .74299 .77548 .80550 .83293 .85773 .87991 .89953 .91670 .93156 .94428 .95506 .94428 .95506
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.10 2.20 2.30 2.50 2.50 2.50 2.50 2.60	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .81594 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .97128 .97725 .98214 .98610 .98928 .99180 .99379 .99534 .99653 .99744	.41957 .45981 .50046 .54109 .58130 .62068 .65883 .69542 .73015 .76276 .779309 .82099 .84639 .86928 .88969 .90771 .92345 .93705 .96862 .97368 .97308	.37935 .41908 .45963 .50061 .54157 .58210 .66017 .69698 .73189 .76464 .79505 .82299 .84839 .87124 .89158 .90949 .92511 .93858 .95978 .97461 .98610 .97461 .98455 .98812 .99995 .99317 .99989	• 35365 • 39278 • 43301 • 47395 • 51516 • 55620 • 59664 • 63606 • 67409 • 71038 • 74465 • 77667 • 80626 • 83333 • 85782 • 89918 • 91621 • 93098 • 94366 • 97098 • 9709	• 33521 • 37378 • 41365 • 45442 • 49568 • 53787 • 61793 • 65676 • 69400 • 72933 • 76249 • 82157 • 84729 • 87041 • 89099 • 92488 • 93847 • 95984 • 95984 • 96800 • 97474 • 98024 • 98825 • 99107 • 99328	.32104 .35910 .39861 .43918 .48040 .52182 .56300 .60350 .64291 .68084 .71696 .75099 .78271 .81195 .83863 .86270 .88419 .90318 .91977 .93412 .94639 .95677 .97857 .97857 .98335 .98719 .99024	.30965 .34726 .38643 .42679 .46792 .50939 .55076 .59157 .63141 .66987 .70662 .74134 .77380 .80381 .83128 .87839 .89810 .91538 .93036 .94320 .95410 .96325 .97710 .98217 .98626 .98951	.30020 .33740 .37625 .41639 .45742 .49891 .54039 .58144 .62161 .66050 .69775 .73304 .76611 .79677 .82490 .853041 .87332 .89365 .91152 .92704 .94039 .95174 .96129 .96924 .97578 .98112 .98542	.29218 .32900 .36755 .40749 .48840 .48987 .53144 .57266 .61309 .65233 .69000 .72576 .79057 .81926 .84535 .86882 .88970 .92408 .92408 .93787 .94962 .95952 .96778 .95952 .96778 .98016 .98016 .98016 .98016 .98016 .98024 .98016 .98024 .98016 .98024 .99016 .98024 .99016 .98024 .99016 .98024 .99010	.28523 .32171 .35999 .39972 .44052 .48195 .52357 .56493 .60558 .64511 .68313 .71930 .75334 .78503 .81422 .84081 .86477 .88613 .92140 .93558 .94769 .95791 .96645 .97351 .97928 .98395 .97351 .97928	.27913 .31529 .35332 .39286 .43353 .47491 .51656 .55803 .59886 .63864 .67696 .71348 .74792 .78003 .80966 .83669 .86110 .88289 .94592 .95643 .91895 .93349 .94592 .95643 .97251 .97847 .98330 .98717	.27370 .30958 .34736 .38671 .42727 .46860 .51027 .55182 .59280 .63278 .67137 .70821 .74299 .77548 .80550 .83293 .85773 .87991 .89953 .91670 .93156 .94428 .95506 .96409 .97158 .97772 .98270 .98669 .988669
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.90 1.00 1.10 1.20 1.30 1.40 1.50	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .881594 .884134 .88493 .90320 .91924 .93319 .94520 .97128 .97725 .98214 .98610 .98928 .99180 .99379 .995534 .99653 .99744 .99653	.41957 .45981 .50046 .54109 .58130 .62068 .65883 .69542 .73015 .76276 .79309 .84639 .86928 .88928 .89679 .90771 .92345 .93705 .94870 .95856 .96828 .97368 .97368 .97368 .97368 .97368 .97368 .97368 .97368 .97368 .97368 .97368	• 37935 • 41908 • 45963 • 550061 • 54157 • 58210 • 62176 • 66017 • 69698 • 73189 • 76464 • 79505 • 82299 • 84839 • 87124 • 89158 • 90949 • 92511 • 93858 • 95007 • 95978 • 96790 • 97461 • 98015 • 98812 • 99095 • 99317	• 35365 • 39278 • 43392 • 51516 • 55620 • 59664 • 63606 • 67409 • 71038 • 74667 • 80626 • 83333 • 85782 • 87975 • 89918 • 91621 • 93098 • 94366 • 95442 • 96346 • 97798 • 98203 • 9823 • 9823 • 99203 • 99555	• 33521 • 37378 • 41342 • 49568 • 53697 • 61576 • 69400 • 72933 • 76249 • 79328 • 82157 • 84729 • 87041 • 89099 • 9910 • 92488 • 93847 • 95984 • 96800 • 97474 • 98024 • 98024 • 98825 • 99825 • 99328 • 99499	.32104 .35910 .39861 .43918 .48040 .52182 .60350 .60350 .64291 .68084 .71696 .75099 .78271 .81195 .83863 .86270 .88419 .90318 .91977 .93412 .974639	.30965 .34726 .38643 .42679 .46792 .50939 .55076 .59157 .70662 .74134 .77380 .80381 .83128 .85613 .87839 .89810 .91538 .93036 .94320 .95410 .96325 .97085 .97710 .98217 .98626 .98951 .99206	.30020 .33740 .37625 .41639 .45742 .49891 .58144 .62161 .66050 .69775 .73304 .76611 .79677 .82490 .85041 .87332 .89365 .91152 .92704 .96129 .96129 .96129 .96129 .98542 .98542 .98542 .98884 .99155 .99366	.29218 .32900 .36755 .40749 .44840 .48987 .53144 .57266 .61309 .65233 .69000 .72576 .75936 .79057 .81926 .88970 .90808 .92408 .93787 .94962 .95952 .96778 .97460 .98824 .98824 .999329	• 28523 • 32171 • 35999 • 39972 • 44052 • 48195 • 52357 • 564558 • 64511 • 68313 • 71930 • 75334 • 78503 • 78503 • 84081 • 886477 • 88613 • 90497 • 92140 • 93558 • 94769 • 95791 • 97928 • 98395 • 98769 • 99064 • 99296	.27913 .31529 .35332 .39286 .43353 .47491 .51656 .55803 .59886 .63864 .67696 .71348 .74792 .78003 .78096 .83669 .846110 .88289 .90213 .91895 .90213 .91895 .90213 .91895 .90213 .91895 .90213 .91895 .90213	.27370 .30958 .34736 .38671 .42727 .46860 .51027 .55182 .59280 .63278 .67137 .70821 .74299 .77548 .80550 .83293 .85773 .87991 .89953 .91670 .93156 .94428 .95506 .96409 .97158 .97772 .98669 .98270 .98669 .99235
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.10 2.20 2.30 2.50	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .97725 .98214 .98610 .98928 .99180 .99379 .99534 .99653 .99744 .99865 .99744 .99865	.41957 .45981 .50046 .54109 .58130 .62068 .65883 .69542 .73015 .76276 .779309 .82099 .84639 .86928 .88969 .90771 .92345 .93705 .96862 .93705 .94870 .95856 .96862 .97308 .97308 .97308 .97398 .97398 .97398 .97398 .97398 .97398 .97398	.37935 .41908 .45963 .50061 .54157 .58210 .66017 .69698 .73189 .76464 .79505 .82299 .84839 .87124 .89158 .90949 .92511 .93858 .95978 .97461 .98610 .98455 .98812 .999317 .99489 .999422 .999722 .99798	• 35365 • 39278 • 43301 • 47395 • 51516 • 55620 • 59664 • 63606 • 67409 • 71038 • 74465 • 77667 • 80626 • 83333 • 85782 • 89918 • 991621 • 93098 • 94366 • 97098 •	• 33521 • 37378 • 41365 • 45442 • 49568 • 53787 • 61793 • 65676 • 69400 • 72933 • 76249 • 82157 • 84729 • 87041 • 89099 • 997474 • 95984 • 95984 • 95984 • 96800 • 97474 • 98024 • 98825 • 99107 • 99328 • 99107 • 99328 • 99499 • 99630 • 99729	.32104 .35910 .39861 .43918 .48040 .52182 .60350 .60350 .64291 .68084 .71696 .75099 .78271 .81195 .83863 .86470 .88419 .90318 .91977 .93412 .94639 .95677 .97857 .97857 .98719 .99024 .99269 .99293 .99701	.30965 .34726 .38643 .42679 .46792 .50939 .55076 .59157 .63141 .77380 .80381 .83128 .87839 .89810 .91538 .93036 .94320 .95410 .96325 .97710 .98217 .98626 .998626 .998626 .998626	.30020 .33740 .37625 .41639 .45742 .49891 .54039 .58144 .62161 .66050 .69775 .73304 .76611 .79677 .82490 .87332 .89365 .91152 .92704 .94039 .95174 .96129 .96129 .96129 .98542 .98884 .99155 .99366 .99366 .99369	.29218 .32900 .36755 .40749 .48840 .48987 .53144 .57266 .61309 .65233 .69000 .72576 .79057 .81926 .84535 .86882 .88970 .92408 .92408 .93787 .94962 .95952 .96778 .95952 .96778 .98016 .98016 .98016 .98016 .98016 .98024 .98016 .98024 .98016 .98024 .99016 .98024 .99016 .98024 .99016 .98024 .99010	.28523 .32171 .35999 .39972 .44052 .48195 .52357 .56493 .60558 .64511 .68313 .71930 .75334 .78503 .81422 .84081 .86477 .88613 .92140 .93558 .94769 .95791 .96645 .97351 .97928 .98395 .98769 .98395 .98769 .99296 .99475 .9964	.27913 .31529 .35332 .39286 .43353 .47491 .51656 .55803 .59886 .63864 .67696 .71348 .74792 .78003 .80966 .83669 .86110 .88289 .94592 .95643 .91895 .93349 .94592 .95643 .97251 .97847 .98330 .98717	.27370 .30958 .34736 .38671 .42727 .46860 .51027 .55182 .59280 .63278 .67137 .70821 .74299 .77548 .80550 .83293 .85773 .87991 .89953 .91670 .93156 .94428 .95506 .96409 .97158 .97772 ,98270 .98669 .98866 .98866 .98866 .98866 .99825 .99825
H  0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.60 1.70 1.80 1.90 2.10 2.20 2.30 2.40 2.50 2.60 2.70 2.80 2.70 3.10 3.20	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .88134 .88493 .90320 .91924 .93319 .94520 .95543 .96407 .97725 .98214 .98610 .99379 .99534 .99653 .99744 .99813 .99865 .99903	.41957 .45981 .50046 .54109 .58130 .62068 .65883 .69542 .73015 .76276 .79309 .84639 .86928 .8999 .90771 .92345 .973705 .94870 .973705 .97309 .97309 .97308 .97309	• 37935 • 41908 • 45963 • 50061 • 54157 • 58210 • 662176 • 666017 • 696698 • 73189 • 76464 • 79505 • 82299 • 84139 • 87124 • 89158 • 99049 • 92511 • 93858 • 95007 • 97461 • 98010 • 98455 • 99978 • 99981 • 99981 • 99981 • 99982 • 999728 • 99728 • 99728	• 35365 • 39278 • 43301 • 47395 • 51516 • 55620 • 59664 • 63606 • 67409 • 71038 • 74667 • 80626 • 83333 • 85782 • 87975 • 89918 • 91621 • 93098 • 94366 • 95442 • 96346 • 977098 • 94366 • 977098 • 977098 • 9820 • 9820 • 9820 • 99555 • 99673 • 99673 • 99673 • 99703 • 9970	• 33521 • 37378 • 41365 • 45442 • 49568 • 53697 • 61576 • 69400 • 72933 • 76249 • 79328 • 82157 • 84729 • 87041 • 89099 • 99910 • 92488 • 93847 • 95006 • 97474 • 98024 • 98024 • 98024 • 98025 • 99802 • 999804 • 999804	.32104 .35910 .39861 .43918 .48040 .551300 .60350 .60350 .64291 .68084 .71696 .75099 .78271 .81195 .83863 .86270 .888419 .90318 .91977 .93412 .94639 .976546 .97267 .97857 .98719 .99783 .99783 .999024 .99450 .999593 .99793	.30965 .34726 .38643 .42679 .46792 .50939 .55076 .59157 .70662 .74134 .77380 .80381 .83128 .85613 .87839 .89810 .91538 .93036 .94320 .95410 .96325 .97085 .97710 .98626 .98951 .99206 .99559 .99559 .99576	.30020 .33740 .37625 .41639 .45742 .49891 .58144 .62161 .66050 .69775 .73304 .76611 .79677 .82490 .85041 .87332 .89365 .91152 .92704 .96129 .96129 .96129 .96924 .97578 .98112 .98542 .98542 .98542 .98542 .98542 .98542 .98542 .98542 .98542 .99529 .99529 .99553 .99529 .99653 .99747	.29218 .32900 .36755 .40749 .44840 .48987 .57266 .61309 .65233 .69000 .72576 .75936 .79057 .81926 .84535 .86882 .88970 .90808 .92408 .93787 .94962 .959578 .97460 .98816 .98866 .98866 .99806 .98866 .99806 .999060 .999060 .999329 .999501 .99632 .99732	• 28523 • 32171 • 35999 • 39972 • 44052 • 48195 • 52357 • 56458 • 64511 • 68313 • 71930 • 75334 • 78503 • 81422 • 84081 • 88613 • 90497 • 92140 • 93558 • 94769 • 95791 • 97928 • 98395 • 98799 • 99064 • 99296 • 99296 • 99475 • 99613 • 99717	.27913 .31529 .35332 .39286 .43353 .47491 .51656 .55803 .59886 .63864 .67696 .71348 .74792 .78003 .83669 .83669 .846110 .88289 .90213 .91895 .90213 .91895 .96523 .97847 .97851 .97851 .97851 .97851 .998717 .99024 .99265 .99265 .99265	.27370 .30958 .34736 .38671 .42727 .46860 .51027 .55182 .59280 .63278 .67137 .70821 .74299 .77548 .80550 .83293 .85773 .87991 .89953 .91670 .9428 .95506 .94428 .95506 .94428 .95506 .96409 .97158 .97772 .98669 .98270 .98866 .99429 .99578
H 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.70 1.80 1.90 2.10 2.20 2.30 2.40 2.5	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .97725 .9728 .97725 .98214 .98610 .98928 .99180 .99379 .99653 .99744 .99813 .99865 .99831 .99865 .99903 .99931	.41957 .45981 .50046 .54109 .58130 .62068 .65883 .69542 .73015 .76276 .779309 .82099 .84639 .86928 .88969 .90771 .92345 .93705 .96862 .93705 .94870 .95856 .96862 .97308 .97308 .97308 .97398 .97398 .97398 .97398 .97398 .97398 .97398	.37935 .41908 .45963 .50061 .54157 .58210 .62176 .66017 .69698 .73189 .76464 .79505 .82299 .84839 .87124 .89158 .90949 .92511 .93858 .95007 .98978 .96790 .98455 .9812 .99099 .99317 .99489 .99782 .99798 .99798 .99798 .99798 .99798 .99798 .99798	.35365 .39278 .43301 .47395 .51516 .55620 .59664 .63606 .67409 .71038 .74465 .77667 .80626 .83333 .85782 .87975 .89918 .91621 .93098 .94366 .95442 .95442 .95442 .95920 .98625 .98920 .98555 .989402 .99555 .999673 .99673 .99761 .99828	• 33521 • 37378 • 41365 • 45442 • 49568 • 53697 • 61576 • 69400 • 72933 • 76249 • 79328 • 82157 • 84729 • 87041 • 89099 • 99910 • 92488 • 93847 • 95006 • 97474 • 98024 • 98024 • 98024 • 98025 • 99802 • 999804 • 999804	.32104 .35910 .39861 .43918 .48040 .52182 .48040 .52182 .60350 .64291 .68084 .71696 .75099 .78271 .81195 .83863 .75099 .78271 .81195 .83863 .793412 .99318 .91977 .93412 .94639 .95677 .97857 .97857 .97857 .97857 .97857 .99924 .99264	.30965 .34726 .38643 .42679 .46792 .50939 .55076 .59157 .63141 .66987 .70662 .74134 .77380 .80381 .835613 .87839 .89810 .91538 .93036 .94320 .95410 .96325 .97710 .98217 .98217 .98217 .98217 .98217 .98217 .98217 .99206 .99559 .99576 .99559 .99576 .99576	.30020 .33740 .37625 .41639 .45742 .49891 .54039 .58144 .66050 .69775 .73304 .76611 .79677 .82490 .85041 .87332 .89365 .91152 .92704 .94039 .95174 .96129 .9	.29218 .32900 .36755 .40749 .44840 .48987 .53144 .57266 .61309 .65233 .69000 .72576 .79936 .79936 .79936 .84535 .86882 .88970 .90808 .92408 .93787 .94962 .95752 .96778 .97460 .98465 .98465 .99806 .99932 .99732 .99732 .99732	• 28523 • 32171 • 35999 • 39972 • 44052 • 48195 • 56493 • 60558 • 64511 • 68313 • 71934 • 78503 • 81422 • 84081 • 88613 • 90497 • 92140 • 93558 • 94755 • 97351 • 97928 • 98395 • 98769 • 994645 • 99475 • 994613 • 997795	.27913 .31529 .35332 .39286 .43353 .47491 .51656 .55803 .59886 .63864 .67696 .71348 .74792 .78003 .80966 .83669 .86110 .88289 .90213 .91895 .93349 .94592 .95643 .97251 .97847 .98330 .998717 .98330 .998717 .99024 .99265 .99451 .99265 .99451 .99265	.27370 .30958 .34736 .38671 .42727 .46860 .51027 .55182 .59280 .63278 .67137 .70821 .74299 .77548 .80550 .83293 .85773 .87991 .89953 .91670 .93156 .96428 .95506 .96428 .97772 ,98270 .9869 .99869 .99235 .99429 .99578 .99591
H  0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.50 1.60 1.70 1.80 1.90 2.10 2.20 2.30 2.40 2.50 2.40 2.50 2.40 2.50 2.40 2.50 2.70 2.80 2.70 2.80 3.10 3.20 3.30	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .97725 .9728 .97725 .98214 .98610 .98928 .99180 .99379 .99653 .99744 .99813 .99865 .99831 .99865 .99903 .99931	.41957 .45981 .50046 .54109 .58130 .69542 .73015 .76276 .79309 .84639 .88798 .88996 .90771 .92345 .93705 .94870 .94870 .95886 .97308 .98756 .97930 .98898 .98756 .99048 .99794 .99494 .99794 .99784 .99888	.37935 .41908 .45963 .50061 .54157 .58210 .62176 .666017 .79505 .82299 .84839 .87124 .89158 .90949 .92511 .93858 .95007 .96790 .97461 .98079 .98455 .98812 .99095 .99995	• 35365 • 39278 • 43301 • 47395 • 51516 • 55620 • 59664 • 63606 • 67409 • 71 038 • 74465 • 77667 • 80626 • 83333 • 85782 • 87975 • 89918 • 91621 • 91621 • 95436 • 97098 • 97098 • 97098 • 97098 • 97098 • 97098 • 98220 • 98525 • 989203 • 99402 • 99555 • 99673 • 99673 • 99828 • 99877	• 33521 • 37378 • 41365 • 45442 • 49568 • 53787 • 61793 • 65676 • 69400 • 72933 • 76249 • 87041 • 89099 • 97328 • 82157 • 84729 • 87041 • 89091 • 92488 • 93847 • 95984 • 95984 • 96800 • 97474 • 98024 • 98825 • 99107 • 99328 • 99499 • 99499 • 99729 • 997809 • 997804 • 99859 • 999804 • 998859 • 999900	.32104 .35910 .39861 .43918 .48040 .52182 .48040 .52182 .60350 .64291 .68084 .71696 .75099 .78271 .81195 .83863 .75099 .78271 .81195 .83863 .793412 .99318 .91977 .93412 .94639 .95677 .97857 .97857 .97857 .97857 .97857 .99924 .99264	.30965 .34726 .38643 .42679 .46792 .50939 .55076 .59157 .70662 .74134 .77380 .80381 .83128 .85613 .87839 .89810 .91538 .93036 .94320 .95410 .96325 .97085 .97710 .98626 .98951 .99206 .99559 .99559 .99576	.30020 .33740 .37625 .41639 .45742 .49891 .58144 .62161 .66050 .69775 .73304 .76611 .79677 .82490 .85041 .87332 .89365 .91152 .92704 .96129 .96129 .96129 .96924 .97578 .98112 .98542 .98542 .98542 .98542 .98542 .98542 .98542 .98542 .98542 .99529 .99529 .99553 .99529 .99653 .99747	.29218 .32900 .36755 .40749 .44840 .48987 .53144 .57266 .61309 .65233 .69000 .72576 .75936 .79057 .81926 .84535 .86882 .88970 .90808 .92408 .93787 .994962 .95952 .95952 .96778 .994962 .99884 .99108 .99108 .999329 .99501 .99632 .99732 .99806 .998861	.28523 .32171 .35999 .39972 .44052 .48195 .52357 .56493 .60558 .64511 .68313 .71930 .75334 .78503 .81422 .84081 .86477 .88613 .90497 .92140 .93558 .94769 .95791 .97928 .98769 .998769 .998769 .998769 .999717 .99917 .999775	.27913 .31529 .35332 .39286 .43353 .47491 .51656 .55803 .59886 .63864 .67696 .71348 .74792 .78003 .83669 .83669 .846110 .88289 .90213 .91895 .90213 .91895 .96523 .97847 .97851 .97851 .97851 .97851 .998717 .99024 .99265 .99265 .99265	.27370 .30958 .34736 .38671 .42727 .46860 .51027 .55182 .59280 .63278 .67137 .70821 .74299 .77548 .80550 .83293 .85773 .85773 .85773 .87991 .93156 .94428 .95506 .94428 .95506 .94428 .95506 .94428 .95506 .94428 .95506 .94428 .95506 .94428 .95506 .94428 .95506 .94428 .95506 .94428 .95506 .94428 .95506 .94428 .95506 .96409 .97158 .98270 .98270 .98366 .99429 .99578 .99591 .99578 .99591

Table II

Probability that N standard normal random variables with common correlation P are simultaneously less than or equal to H.

<u> </u>												
/"	1	2	3	4	5	6	7	8	9	10	11	12
- H												
3.50 3.40	.00023	.00009	•00006	•00004 •00006	•00003 •00005	.00003	.00002 .00004	.00002 .00003	.00002	•00002 •00003	200002	.00002 .00002
3.30	.00048	.00020	.00013	•00010	•00008	•00007	.00004	• 00005	.00005	•00004	.00003 .00004	.00004
3.20	.00069	.00029	.00019	.00014	.00012	.00010	.00009	•00008	.00007	•00007	.00006	.00006
3.10	•00097	.00043	.00028	•00021	•00018	.00015	.00013	.00012	•00011	•00010	•00009	.00009
3.00 2.90	.00135	.00061	.00041 .00059	.00031 .00046	.00026 .00038	.00022	.00020 .00029	.00018 .00026	.00016	•00015 •00023	.00014 .00021	.00013
2.80	.00256	.00122	.00084	•00066	• 00055	.00048	.00043	.00039	•00036	•00023	.00031	.00029
2.70	.00347	.00170	.00119	•00094	•00079	•00069	.00062	.00056	.00052	+00048	.00045	.00043
2.60	.00466	.00235	.00166	•00132	.00112	• 00098	•00088	.00080	•00074	•00069	•00065	-00062
2.50 2.40	.00621	.00322	.00230	.00184 .00255	.00157	.00138	.00124 .00174	.00114 .00160	•00106	•00099	•00093	.00088
2.30	.01072	.00585	.00428	•00349	.00300	.00266	.00242	.00223	.00149	•00140 •00195	.00132 .00185	.00125 .00176
2.20	.01390	.00778	.00576	.00473	.00409	.00365	.00332	.00307	.00287	.00270	.00256	.00244
2.10	.01786	.01024	•00768	.00635	.00552	.00494	.00452	·00418	•00392	•00370	.00351	.00335
2.00 1.90	.02275	.01336 .01727	.01013 .01325	.00844 .01111	•00738 •00976	.00663	•0060B	00565	•00530	•00501	•00477	.00456
1.80	.03593	.02211	.01715	•01450	.01280	.01160	.00811 .01071	•00755 •01000	.00710 .00943	•00673 •00895	•00642 •00855	.00615
1.70	.04457	.02806	.02201	.01873	.01662	.01513	•01400	.01311	.01239	•01179	.01128	·01084
1.60	•05480	• 03527	•02797	•02397	•02138	01953	.01814	• 01703	.01613	•01538	.01473	.0141B
1.50 1.40	.06681 .08076	.04395	.03522	.03039	.02724	.02499	•02327	.02191	•02079	-01986	.01906	.01837
1.30	.09680	.05427 .06641	.04395 .05434	.03818 .04752	.03439 .04300	.03166 .03974	•02957 •03723	•02791 •03523	•02655 •03359	•02541 •03220	.02443 .03101	•02358 •02998
1.20	.11507	.08056	.06659	05860	•05329	04942	.04644	• 04406	•04209	•04043	•03900	.03776
1.10	•13567	•09687	.08086	.07162	•06543	.06090	.05739	. 05458	.05225	.05028	.04858	.04710
1.00	•15866 •18406	·11549	.09734 .11615	.08675 .10415	07961	•07436	•07028	• 06700	•06427	•06196	.05996	.05822
0.80	.21186	.16002	•13740	12395	•09600 •11474	.08998 .10791	.08529 .10257	.08149 .09823	.07833 .09462	•07565 •09153	.07333 .08886	.07130 .08652
0.70	.24196	.18602	.16116	.14624	13595	12829	.12226	.11736	.11326	10976	.10672	10405
0.60	.27425	.21448	•18746	•17107	• 15970	.15118	. 14447	. 1 3899	.13439	.13046	.12703	12402
0.50 0.40	•30854	•24533 •27841	.21624	19844	• 18601	17665	16925	.16318	+15808	·15370	-14989	. 14652
0.30	•34458 •38209	•31352	.24743 .28088	.22829 .26051	.21484 .24611	.20467 .23517	•19659 •22645	•18995 •21926	·16435	•17954 •20794	•17533 •20335	.17161 .19929
0.20	.42074	.35040	•31636	.29492	.27967	.26803	. 25871	.25100	.24447	23883	.23388	.22949
0.10	•46017	• 38875	.35361	•33129	.31530	.30304	.29319	.28502	.27808	.27207	.26680	,26210
0.00	•50000	• 42822	• 39233	.36931	.35274	•33996	.32967	.32110	.31380	•30747	.30189	.29693
\												
W	1	2	3	4	5	6	7	8	9	10	1.1	12
4	1	2	3	4	5	6	7	8	9	10	1.1	12
	1	2	3	4	5	6	7	8	9	10	11	12
H .	1	2	3	4	5	6	7	8	9	10	11	12
H										· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	
	•50000 •53983	.42822 .46841	•39233	•36931	• 35274	•33996	.32967	.32110	•31380	•30747	•30189	.29693
0.00 0.10 0.20	•50000	.42822								· · · · · · · · · · · · · · · · · · ·	•30189 •33892	.29693 .33373
0.00 0.10 0.20 0.30	•50000 •53983 •57926 •61791	•42822 •46841 •50892 •54934	•39233 •43213 •47263 •51341	•36931 •40866 •44894 •48976	•35274 •39165 •43168 •47241	•33996 •37848 •41825 •45886	•32967 •36783 •40734 •44782	•32110 •35894 •39822 •43855	.31380 .35135 .39040 .43059	•30747 •34475 •38359 •42364	•30189 •33892 •37758 •41749	.29693
H 0.00 0.10 0.20 0.30 0.40	•50000 •53983 •57926 •61791 •65542	•42822 •46841 •50892 •54934 •58925	•39233 •43213 •47263 •51341 •55405	•36931 •40866 •44894 •48976 •53068	•35274 •39165 •43168 •47241 •51344	•33996 •37848 •41825 •45886 •49991	•32967 •36783 •40734 •44782 •48884	•32110 •35894 •39822 •43855 •47953	•31380 •35135 •39040 •43059 •47151	•30747 •34475 •38359 •42364 •46450	.30189 .33892 .37758 .41749	.29693 .33373 .37220 .41198
0.00 0.10 0.20 0.30	.50000 .53983 .57926 .61791 .65542 .69146	.42822 .46841 .50892 .54934 .58925	.39233 .43213 .47263 .51341 .55405	.36931 .40866 .44894 .48976 .53068	.35274 .39165 .43168 .47241 .51344 .55431	.33996 .37848 .41825 .45886 .42991 .54095	.32967 .36783 .40734 .44782 .48804 .52998	.32110 .35894 .39822 .43855 .47953 .52072	.31380 .35135 .39040 .43059 .47151 .51273	.30747 .34475 .38359 .42364 .46450 .50572	.30189 .33892 .37758 .41749 .45827 .49950	.29693 .33373 .37220 .41198 .45269
0.00 0.10 0.20 0.30 0.40 0.50 0.60	.50000 .53983 .57926 .61791 .65542 .69146 .72575	•42822 •46841 •50892 •54934 •58925	.39233 .43213 .47263 .51341 .55405 .59412 .63323 .67099	•36931 •40866 •44894 •48976 •53068	•35274 •39165 •43168 •47241 •51344	•33996 •37848 •41825 •45886 •49991	•32967 •36783 •40734 •44782 •48884	.32110 .35894 .39822 .43855 .47953 .52072 .56168	.31380 .35135 .39040 .43059 .47151 .51273	•30747 •34475 •38359 •42364 •46450 •50572 •54689	•30189 •33892 •37758 •41749 •45827 •49950 •54072	.29693 .33373 .37220 .41198 .45269 .49390 .53517
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804	.42822 .46841 .50892 .54934 .58925 .62825 .66597 .70209	.39233 .43213 .47263 .51341 .55405 .59412 .63323 .67099 .70708	.36931 .40866 .44894 .48976 .53068 .57127 .61112 .64982 .68703	.35274 .39165 .43168 .47241 .51344 .55431 .59462 .63393 .67189	.33996 .37848 .41825 .45886 .42991 .54C95 .58155 .62130	.32967 .36783 .40734 .40782 .40884 .52998 .57079 .61086 .64978	.32110 .35894 .39822 .43855 .47953 .52072 .56168 .60200 .64124	.31380 .35135 .39040 .43059 .47151 .51273 .55381 .59431	.30747 .34475 .38359 .42364 .46450 .50572 .54689 .58754 .62728	.30189 .33892 .37758 .41749 .45827 .49950	.29693 .33373 .37220 .41198 .45269 .49390 .53517 .51607
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814	.42822 .46841 .50892 .54934 .58925 .66597 .70209 .73631 .76840	.39233 .43213 .47263 .51341 .55412 .63323 .67099 .70708 .74122	.36931 .40866 .44894 .48976 .53068 .53068 .661112 .664982 .68703 .72241	.35274 .39165 .43168 .47241 .51344 .55431 .59462 .63393 .67189 .70814	.33996 .37848 .41825 .45886 .42991 .54095 .58155 .62130 .69670	.32967 .36783 .40734 .40782 .48884 .52998 .57079 .61086 .64978 .68718	.32110 .35894 .39822 .43855 .47953 .52072 .56168 .60200 .64124 .67905	.31380 .35135 .39040 .43059 .47151 .51273 .55381 .59431 .63383	.30747 .34475 .38359 .42364 .46450 .50572 .54689 .58754 .66570	.30189 .33892 .37758 .41749 .45827 .49950 .54072 .58151 .62143	.29693 .33373 .37220 .41198 .45269 .49390 .53517 .57607 .61615
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804	.42822 .46841 .50892 .54934 .58925 .62825 .66597 .70209	.39233 .43213 .47263 .51341 .55405 .59412 .63323 .67099 .70708	.36931 .40866 .44894 .48976 .53068 .57127 .61112 .64982 .66703 .72241	.35274 .39165 .43168 .47241 .51344 .55431 .59462 .63393 .67189 .70814	.33996 .37848 .41825 .45886 .42991 .54095 .58155 .62130 .65980 .69670 .73169	.32967 .36783 .40734 .44782 .48884 .57079 .61086 .64978 .68718 .72274	.32110 .35894 .39822 .43855 .47953 .52072 .56168 .60200 .64124 .67905 .71508	.31380 .35135 .39040 .43059 .47151 .51273 .55381 .59431 .63383 .67197 .70839	.30747 .34475 .38359 .42364 .46450 .50572 .54689 .58754 .62728 .66570 .70246	.30189 .33892 .37758 .41749 .45827 .49950 .54072 .58151 .62143 .66009 .69714	.29693 .33373 .37220 .41198 .45269 .49390 .53517 .57607 .61615 .65502
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10	.50000 .53983 .57926 .61791 .65542 .69146 .7575 .75804 .78814 .81594 .84134 .86433	.42822 .46841 .50892 .54934 .58925 .66597 .70209 .73631 .76840 .79818 .82554	.39233 .43213 .47263 .51341 .55405 .59412 .63323 .67099 .70708 .74122 .77317 .80276 .82988	.36931 .40866 .44894 .48976 .53068 .53068 .661112 .664982 .68703 .72241	.35274 .39165 .43168 .47241 .51344 .55431 .59462 .63393 .67189 .70814	.33996 .37848 .41825 .45886 .42991 .54095 .58155 .62130 .69670	.32967 .36783 .40734 .40782 .48884 .52998 .57079 .61086 .64978 .68718	.32110 .35894 .39822 .43855 .47953 .52072 .56168 .60200 .64124 .67905	.31380 .35135 .39040 .43059 .47151 .51273 .55381 .59431 .63383	.30747 .34475 .38359 .42364 .46450 .50572 .54689 .58754 .66570	.30189 .33892 .37758 .41749 .45827 .49950 .54072 .58151 .62143	.29693 .33373 .37220 .41198 .45269 .49390 .53517 .57607 .61615
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .846433 .88493 .90320	.42822 .46841 .50892 .54934 .58925 .62825 .70209 .73631 .76840 .79818 .82554 .85042 .87281	.39233 .43213 .47263 .51341 .55405 .59412 .63323 .67099 .70708 .74122 .77317 .80276 .82988 .85449	.36931 .40866 .44894 .48976 .53068 .57127 .61112 .64982 .68703 .72241 .75572 .78674 .81533 .84141	.35274 .39165 .43168 .47241 .51344 .55431 .59462 .63393 .67189 .70814 .74241 .77446 .80411	.33996 .37848 .41825 .45886 .42991 .54095 .58155 .62130 .65980 .69670 .73169 .76452 .79500	.32967 .36783 .40734 .44782 .48884 .52998 .57079 .61086 .64978 .62718 .72274 .75620 .78734 .81603	.32110 .35894 .39822 .43855 .47953 .52072 .66168 .60200 .64124 .67905 .71508 .74905 .78075 .81001	.31380 .35135 .39040 .43059 .47151 .51273 .55381 .59431 .63183 .67197 .70839 .74280 .77497 .80472	.30747 .34475 .38359 .42364 .46450 .50572 .54689 .58754 .62728 .66570 .70246 .73725 .76982	.30189 .33892 .37758 .41749 .45827 .49950 .54072 .58151 .62143 .66009 .69714 .73226 .76519 .79575	.29693 .33373 .37220 .41198 .45269 .49390 .53517 .57607 .61615 .65502 .69232 .72773 .76098 .79188
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.40	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .84433 .88493	.42822 .46841 .50892 .54934 .58925 .62825 .66597 .70209 .73631 .76840 .79818 .82554 .85042 .87281 .89275	.39233 .43213 .47263 .51341 .55405 .59412 .6333 .67099 .70708 .74122 .77317 .80276 .82988 .85449 .87658	.36931 .40866 .44894 .48976 .53068 .57127 .61112 .64982 .68703 .72241 .75572 .78674 .81533 .84141 .86494	.35274 .39165 .43168 .47241 .51344 .55431 .59462 .63393 .67189 .70814 .74241 .77446 .80411 .83127 .85587	.33996 .37848 .41825 .45886 .42991 .54C95 .68130 .62980 .69670 .73169 .76452 .79500 .82300 .8300	. 32967 36783 40734 44782 48804 52998 57079 61086 64978 68718 72274 75620 78734 81603	. 32110 . 35894 . 39822 . 43855 . 47953 . 52072 . 56168 . 60200 . 64124 . 67905 . 71508 . 74905 . 78075 . 81001 . 83674	•31380 •35135 •39040 •43059 •47151 •51273 •55381 •59431 •67197 •70839 •74280 •77497 •80472 •83195	.30747 .34475 .38359 .42364 .46450 .50572 .54689 .58754 .62728 .66570 .70246 .73725 .76982 .80000 .82767	.30189 .33892 .37758 .41749 .45827 .49950 .54072 .58151 .62143 .66009 .69714 .73226 .76519 .79575	.29693 .33373 .37220 .41198 .45269 .49390 .53517 .57607 .61615 .65502 .69232 .72773 .76098 .79188 .82028
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .846433 .88493 .90320	.42822 .46841 .50892 .54934 .58925 .62825 .70209 .73631 .76840 .79818 .82554 .85042 .87281	.39233 .43213 .47263 .51341 .55405 .59412 .67099 .70708 .74122 .77317 .80276 .82988 .895449 .87658	.36931 .40866 .44894 .48976 .53068 .57127 .61112 .64982 .68703 .72241 .75572 .78674 .81533 .84141 .86494	.35274 .39165 .43168 .47241 .51344 .55431 .59462 .63393 .67189 .70814 .74241 .77446 .80411 .83127 .85587	.33996 .37848 .41825 .45886 .42991 .58095 .62130 .63980 .69670 .73169 .76452 .79500 .82300 .84845 .87134	. 32967 . 36783 . 40734 . 40782 . 48884 . 52998 . 57079 . 61086 . 64978 . 62718 . 72274 . 75620 . 78734 . 81603 . 84217 . 96574	.32110 .35894 .39822 .43855 .47953 .52072 .56168 .60200 .64124 .67905 .71508 .74905 .78075 .81001 .83674 .86089	.31380 .35135 .39040 .43059 .47151 .51273 .55381 .59431 .67197 .70839 .74280 .77497 .80472 .80472 .85660	.30747 .34475 .38359 .42364 .46450 .50572 .54689 .58754 .62728 .66570 .70246 .73725 .76982 .80000 .82767 .85276	.30189 .33892 .37758 .41749 .45827 .49950 .54072 .58151 .66143 .66009 .69714 .73226 .76519 .79575 .82380 .84929	.29693 .33373 .37220 .41198 .45269 .49390 .53517 .57607 .61615 .65502 .69232 .72773 .76098 .79188 .82028
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.60	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .88493 .90320 .91924	.42822 .46841 .50892 .54934 .58925 .66597 .70209 .73631 .76840 .79818 .82554 .85554 .85042 .87281 .89275 .91033 .92568	.39233 .43213 .47263 .51341 .55405 .59412 .6333 .67099 .70708 .74122 .77317 .80276 .82988 .85449 .87658	.36931 .40866 .44894 .48976 .53068 .57127 .61112 .64982 .68703 .72241 .75572 .78674 .81533 .84141 .86494	.35274 .39165 .43168 .47241 .51344 .55431 .59462 .63393 .67189 .70814 .74241 .77446 .80411 .83127 .85587	.33996 .37848 .41825 .45886 .42991 .54C95 .68130 .62980 .69670 .73169 .76452 .79500 .82300 .8300	. 32967 36783 40734 44782 48804 52998 57079 61086 64978 68718 72274 75620 78734 81603	. 32110 . 35894 . 39822 . 43855 . 47953 . 52072 . 56168 . 60200 . 64124 . 67905 . 71508 . 74905 . 78075 . 81001 . 83674	•31380 •35135 •39040 •43059 •47151 •51273 •55381 •59431 •67197 •70839 •74280 •77497 •80472 •83195	.30747 .34475 .38359 .42364 .46450 .50572 .54689 .58754 .62728 .66570 .70246 .73725 .76982 .80000 .82767	.30189 .33892 .37758 .41749 .45827 .49950 .54072 .58151 .62143 .66009 .69714 .73226 .76519 .79575	.29693 .33373 .37220 .41198 .45269 .49390 .53517 .57607 .61615 .65502 .69232 .72773 .76098 .79188 .82028
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.60 1.60	.50000 .53983 .57926 .61791 .65542 .69146 .78814 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543	.42822 .46841 .50892 .54934 .58925 .668597 .70209 .73631 .76840 .79818 .82554 .85042 .87281 .89275 .91033 .92568 .93893 .95025	.39233 .43213 .47263 .51341 .55405 .59412 .67099 .70708 .74122 .77317 .80276 .82988 .89620 .91345 .92847 .94139	.36931 .40866 .44894 .48976 .53068 .57127 .61112 .668703 .72241 .75572 .78674 .81533 .84141 .86494 .88596 .90453 .92078	.35274 .39165 .43168 .47241 .51344 .55431 .67189 .70814 .74241 .77446 .80411 .83127 .85587 .87793 .89751 .91469	.33996 .37848 .41825 .45886 .42991 .58155 .62130 .63980 .69670 .73169 .76452 .79500 .82300 .80845 .87134 .89171 .90965	. 32967 . 36783 . 40734 . 40782 . 48884 . 52998 . 57079 . 61086 . 64978 . 62718 . 72274 . 75620 . 78734 . 81603 . 84217 . 86574 . 88678 . 90534 . 92156	.32110 .35894 .39822 .43855 .47953 .52075 .56168 .60200 .64124 .67905 .71508 .74905 .78075 .81001 .83674 .86089 .88248 .90159 .91831	.31380 .35135 .39040 .43059 .47151 .51273 .55381 .59431 .63383 .67197 .70839 .74280 .77497 .80472 .83195 .85660 .87868 .89826	.30747 .34475 .38359 .42364 .46450 .50572 .54689 .58754 .62728 .66570 .70246 .73725 .76982 .80000 .82767 .85276 .9526 .91282	.30189 .33892 .37758 .41749 .45827 .49950 .549072 .58151 .66143 .66009 .69714 .73226 .76519 .79575 .82380 .84929 .87218 .89254 .91045	.29693 .33373 .37220 .41198 .45269 .49390 .53517 .57607 .61615 .65502 .69232 .72773 .76098 .79188 .82028 .84611 .86936
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.30 1.40 1.50 1.60 1.70	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .96407 .97128	.42822 .46841 .50892 .54934 .58925 .62825 .70209 .73631 .76840 .79818 .825542 .87281 .89275 .91033 .92568 .93893 .95025	.39233 .43213 .47263 .51341 .55405 .59412 .67099 .70708 .74122 .77317 .80276 .8298 .83649 .87658 .89620 .91345 .92847 .94139 .95241	.36931 .40866 .44894 .48976 .53068 .57127 .61112 .64982 .68703 .72241 .75572 .78674 .81533 .84141 .86494 .88596 .90453 .92078 .93483	.35274 .39165 .43168 .47241 .51344 .55431 .59462 .63393 .67189 .70814 .74241 .77446 .80411 .83127 .85587 .87593 .99751 .91469 .92962	.33996 .37848 .41826 .45826 .42991 .54095 .58155 .62130 .65980 .676452 .79500 .84845 .87134 .89171 .90965 .92528	. 32967 . 36783 . 40734 . 40782 . 48884 . 52998 . 61086 . 64978 . 72274 . 75620 . 78734 . 81603 . 84217 . 86574 . 98678 . 90534 . 92156	.32110 .35894 .39822 .43855 .47953 .52072 .66168 .60200 .64124 .67905 .71508 .74905 .78075 .81001 .83674 .86089 .88248 .90159 .91831 .93280	.31380 .35135 .39040 .43059 .47151 .551273 .59431 .63383 .67197 .70839 .74280 .77497 .80472 .83195 .83195 .87868 .89826 .91542	.30747 .34475 .38359 .42364 .46450 .50572 .54689 .58754 .62728 .6670 .70246 .73725 .76982 .80000 .82767 .8527 .97527 .99526	.30189 .33892 .37758 .41749 .45827 .49950 .54072 .58151 .62143 .66009 .69714 .73226 .76519 .79575 .82380 .84929 .87218 .89254 .91045 .92607	.29693 .33373 .3720 .41198 .45269 .49390 .53517 .57607 .61615 .65502 .69232 .7273 .76098 .79188 .82028 .84611 .86936 .99025 .90228
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .86433 .88433 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725	. 42822 . 46841 . 50892 . 54934 . 58925 . 66597 . 70209 . 73631 . 76840 . 79818 . 85042 . 87281 . 89275 . 91033 . 92568 . 93893 . 93693 . 95984 . 96786	.39233 .43213 .47263 .51341 .55405 .63323 .67099 .70708 .74122 .77317 .80276 .82988 .95449 .87658 .89620 .91345 .92847 .94139 .95241	.36931 .40866 .44894 .48976 .53068 .57127 .61112 .66703 .72241 .75572 .81533 .94141 .86494 .88596 .90453 .92078 .93483 .94687 .75708	.35274 .39165 .43168 .47241 .51344 .55431 .59462 .63393 .67189 .70814 .74241 .74446 .80411 .83587 .87793 .89751 .91469 .92962 .94245	.33996 .37848 .41825 .45886 .42991 .54095 .62130 .65980 .69670 .73169 .73169 .73169 .79500 .82300 .82300 .82171 .90965 .92528 .93875 .95025	. 32967 36783 40734 44782 48884 52998 57079 61086 64978 68718 72274 78734 81603 94217 86574 88678 90534 92156 93558	.32110 .35894 .39822 .43855 .47953 .52072 .56168 .60200 .64124 .67905 .71508 .71905 .78075 .81001 .83674 .86089 .98248 .90159 .91831 .93280 .94521	.31380 .35135 .39040 .43059 .47151 .51273 .55381 .59431 .63383 .67197 .70839 .74280 .77497 .83195 .85660 .97868 .89826 .91542 .93032	.30747 .34475 .38359 .42364 .46450 .50572 .54609 .58754 .62728 .66570 .70246 .73725 .76982 .80000 .82767 .85276 .97526 .91282 .92808 .94120	.30189 .33892 .37758 .41749 .45827 .49950 .54072 .58151 .62143 .66009 .69714 .73226 .76519 .79575 .82380 .84929 .87218 .89254 .91045	. 29693 .33373 .37220 .41198 .45269 .49390 .53517 .57607 .61615 .65502 .69232 .76098 .79188 .82028 .82028 .824611 .86936 .89005 .99028 .92417
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.30 1.40 1.50 1.60 1.70	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .96407 .97128	.42822 .46841 .50892 .54934 .58925 .62825 .70209 .73631 .76840 .79818 .825542 .87281 .89275 .91033 .92568 .93893 .95025	.39233 .43213 .47263 .51341 .55405 .59412 .67099 .70708 .74122 .77317 .80276 .8298 .83649 .87658 .89620 .91345 .92847 .94139 .95241	.36931 .40866 .44894 .48976 .53068 .57127 .61112 .64982 .68703 .72241 .75572 .78674 .81533 .84141 .86494 .88596 .90453 .92078 .93483	.35274 .39165 .43168 .47241 .51344 .55431 .59462 .63393 .67189 .70814 .74241 .77446 .80411 .83127 .85587 .87593 .99751 .91469 .92962	.33996 .37848 .41825 .45886 .42991 .54095 .62130 .63980 .63980 .69670 .73169 .76452 .79500 .82300 .84845 .87134 .89171 .90965 .92528 .93875 .95025 .95995	. 32967 . 36783 . 40734 . 40782 . 48884 . 52998 . 57079 . 61086 . 64978 . 62718 . 72274 . 75620 . 76734 . 81603 . 84217 . 86574 . 88678 . 90534 . 902156 . 93558 . 94757 . 95771	.32110 .35894 .39822 .43855 .47953 .52073 .56168 .60200 .64124 .67905 .71508 .74905 .78075 .81001 .83674 .86089 .88248 .90159 .91831 .93280 .94521 .95573	.31380 .35135 .39040 .43059 .47151 .51273 .55381 .59431 .63183 .67197 .70839 .74280 .77497 .80472 .83195 .85660 .87868 .89826 .91542 .93032 .94310	.30747 .34475 .38359 .42364 .46450 .50572 .54689 .58754 .62728 .66570 .70246 .73726 .80000 .82767 .85276 .95226 .91282 .92808 .94120 .95236	.30189 .33892 .37758 .41749 .45827 .49950 .58151 .66009 .69714 .73226 .76519 .79575 .82360 .84929 .87218 .89254 .91045 .92607 .93946 .95090	.29693 .33373 .37220 .41198 .45269 .49390 .53517 .57607 .61615 .65502 .69232 .72773 .76098 .79188 .82028 .824611 .86936 .89005 .90828 .92417 .93786 .94955
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.40 1.50 1.40 1.50 1.40 1.50 1.70 1.80 1.90 2.10 2.20 2.30	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .86433 .88433 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214 .98610 .98928	. 42822 . 46841 . 50892 . 54934 . 58925 . 66597 . 70209 . 73631 . 76840 . 79818 . 85042 . 87281 . 89275 . 91033 . 92568 . 93893 . 93893 . 95984 . 97451 . 974997 . 98440	.39233 .43213 .47263 .51341 .55405 .63323 .67099 .70708 .74122 .77317 .70276 .82988 .95449 .87658 .89620 .91345 .92847 .94139 .95241 .96170 .96946 .97696 .97696 .97696 .97696 .97696 .97696	.36931 .40866 .44894 .48976 .53068 .57127 .61112 .66703 .72241 .75572 .81533 .94141 .86494 .88596 .90453 .92078 .93483 .92078 .93483 .94687 .955708 .96563 .97857	.35274 .39165 .43168 .47241 .51344 .55431 .59462 .63393 .67189 .70814 .74241 .80411 .83587 .87793 .89751 .91469 .92962 .94245 .953336 .96255 .97050	.33996 .37848 .41825 .45826 .42991 .54095 .58155 .62130 .69670 .73169 .79500 .82300 .82300 .82300 .82171 .90965 .92528 .93875 .95025 .95995 .96806	. 32967 36783 40734 44782 48884 52998 57079 61086 64978 68718 72274 78734 81603 94217 86574 88678 90534 92156 93558	.32110 .35894 .39822 .43855 .47953 .52072 .56168 .60200 .64124 .67905 .71508 .71905 .78075 .81001 .83674 .86089 .98248 .90159 .91831 .93280 .94521	.31380 .35135 .39040 .43059 .47151 .51273 .55381 .59431 .63383 .67197 .70839 .74280 .77497 .83195 .85660 .97868 .89826 .91542 .93032	.30747 .34475 .38359 .42364 .46450 .50572 .54609 .58754 .62728 .66570 .70246 .73725 .76982 .80000 .82767 .85276 .97526 .91282 .92808 .94120	.30189 .33892 .37758 .41749 .45827 .49950 .54072 .58151 .62143 .66009 .69714 .73226 .76519 .79575 .82380 .84929 .87218 .89254 .91045	. 29693 .33373 .37220 .41198 .45269 .49390 .53517 .57607 .61615 .65502 .69232 .76098 .79188 .82028 .82028 .824611 .86936 .89005 .99028 .92417
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.10 2.20 2.30 2.40	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .88433 .88493 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214 .98610 .98928 .99180	. 42822 . 46841 . 50892 . 54934 . 58925 . 62825 . 62825 . 70209 . 73631 . 76840 . 79818 . 82554 . 85042 . 87281 . 89275 . 92568 . 93893 . 92568 . 93893 . 95984 . 96786 . 97451 . 97451 . 98796	.39233 .43213 .47263 .51341 .55405 .59412 .67099 .70709 .74122 .77317 .82988 .89620 .91345 .92847 .94139 .95241 .96170 .96946 .97586 .98110	.36931 .40866 .44894 .48976 .53068 .57127 .61112 .668703 .72241 .75572 .78674 .81533 .84141 .86494 .88596 .92078	.35274 .39165 .49168 .47241 .51344 .55431 .67189 .70814 .74241 .77446 .80411 .83127 .85587 .87793 .89751 .91469 .92962 .94245 .95336 .96255 .97650 .98165	.33996 .37848 .41825 .45886 .42991 .580595 .62130 .65980 .69670 .73169 .76452 .79500 .82300 .80134 .89171 .90965 .92528 .93875 .959025 .95995 .96806 .947476	. 32967 . 36783 . 40734 . 40782 . 48884 . 52998 . 57079 . 61086 . 64978 . 62718 . 72274 . 75620 . 78734 . 81603 . 84217 . 86574 . 88678 . 90558 . 94757 . 95771 . 96620 . 97324 . 97901	.32110 .35894 .39822 .43855 .47953 .52072 .56168 .60200 .64124 .67905 .71508 .74905 .78075 .81001 .83674 .86089 .88248 .90159 .91831 .93280 .94521 .95573 .96456 .97189	.31380 .35135 .39040 .43059 .47151 .55381 .59431 .63183 .67197 .70839 .74497 .80472 .83195 .85660 .87868 .89826 .91542 .93032 .94310 .95396 .96309 .97068 .97693	.30747 .34475 .38359 .42364 .46450 .50572 .54689 .58754 .62728 .66570 .70246 .73725 .76982 .80000 .82767 .85276 .97527 .92808 .94120 .95236 .96176 .96176 .96958	.30189 .33892 .37758 .41749 .45827 .49950 .69714 .73226 .76519 .79575 .82380 .84929 .87218 .89254 .91045 .92607 .9394 .9394 .9394 .9498 .9599 .96954 .96858 .97521	.29693 .33373 .37220 .41198 .45269 .49390 .53517 .57607 .61615 .65502 .69232 .72773 .76098 .79188 .82028 .824611 .86936 .89028 .992417 .93786 .94955 .94955 .94955 .95941 .94955
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.10 2.30 2.30 2.40 2.50	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .97128 .97725 .98214 .98610 .98928 .99180	. 42822 . 46841 . 50892 . 54934 . 58925 . 62825 . 70209 . 73631 . 76840 . 79818 . 82554 . 87281 . 89275 . 91033 . 92568 . 93893 . 95984 . 96786 . 97451 . 97997 . 98796 . 99798	.39233 .43213 .47263 .51341 .55405 .59412 .67099 .70708 .74122 .77317 .80276 .82988 .95449 .87658 .89620 .91345 .92847 .94139 .95241 .96170 .96946 .97586 .98533 .98873	.36931 .40866 .44894 .48976 .53068 .57127 .661112 .66982 .66703 .72241 .75572 .78674 .81533 .84141 .86596 .90453 .92078 .93483 .92078 .93483 .94687 .95708 .96563 .97273 .977857 .97857 .97857 .97857	.35274 .39165 .43168 .47241 .51344 .55431 .67189 .70814 .74241 .77446 .8041 .8041 .8127 .85587 .87793 .89751 .91469 .94245 .95336 .96255 .97020 .98165 .98165	.33996 .37848 .41886 .42991 .54095 .58155 .62130 .65980 .67670 .73169 .76452 .79500 .87134 .89171 .90965 .92528 .93875 .92528 .93875 .95995 .96806 .97476 .980467	.32967 .36783 .40734 .40734 .52998 .61086 .64978 .72274 .75620 .78734 .81603 .84217 .86574 .88678 .92156 .93558 .94757 .95771 .96620 .97324 .97901	.32110 .35894 .39822 .43855 .47953 .52072 .66168 .60200 .64124 .67905 .71508 .74905 .78075 .81001 .83674 .86089 .88248 .90159 .91831 .93280 .94521 .95573 .96456 .97791 .97791	.31380 .35135 .39040 .43059 .47151 .551273 .651383 .67197 .70839 .74280 .77497 .80472 .83195 .85660 .97868 .89826 .91542 .93032 .94310 .95396 .96309 .97068 .97693 .97693	.30747 .34475 .38364 .46450 .50572 .54689 .58754 .62728 .66570 .70246 .73725 .80000 .82767 .8527 .97527 .89526 .91282 .92808 .94120 .95236 .96176 .96958 .97603 .98129	.30189 .33892 .37758 .41749 .45827 .49950 .54072 .58151 .62143 .66009 .69714 .73226 .76519 .79575 .82380 .84929 .87218 .89254 .91045 .92607 .93946 .95090 .96054 .96858 .97521 .98063	.29693 .33373 .3720 .41198 .45269 .49390 .57607 .61615 .65502 .69232 .72773 .76098 .79188 .82028 .82028 .84611 .86936 .89005 .90828 .92417 .93786 .94955 .95941 .96764 .97445
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0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.20 1.30 1.40 1.50 1.40 1.50 1.40 1.70 1.80 1.80	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .86433 .88493 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214 .98610 .999534 .99379 .99534 .99653 .99953 .99953 .999653	. 42822 . 46841 . 56892 . 54934 . 58925 . 66597 . 70209 . 73631 . 76840 . 79818 . 82554 . 85042 . 87281 . 89275 . 91033 . 92568 . 93893 . 95984 . 95984 . 97451 . 97451	.39233 .43213 .47263 .51341 .554052 .63323 .67099 .70708 .74122 .77317 .82988 .95449 .95449 .91345 .92847 .94139 .95241 .96946 .97694 .98533 .98573 .99142 .99516 .99642	.36931 .40866 .44894 .48976 .53068 .57127 .61112 .66703 .72241 .75572 .81533 .84141 .86494 .88596 .904078 .924078 .924078 .924078 .924078 .924078 .924078 .924078 .924078 .924078 .924078 .924078 .924078 .924078 .924078 .924078 .924078 .924078 .924078 .925078	.35274 .39165 .43168 .47241 .51344 .55431 .59462 .63393 .67189 .70814 .74241 .83587 .87793 .89751 .91469 .92962 .94245 .95336 .96250 .97650 .98165 .98165 .98165 .9811 .99178 .99378 .99378	.33996 .37848 .41825 .45886 .42991 .54095 .62130 .69670 .73169 .79500 .82300 .82300 .82300 .82300 .82171 .90965 .95025 .95995 .95025 .95995 .97476 .98467 .98467 .98467 .98467 .99495	. 32967 . 36783 . 40734 . 40734 . 40782 . 48884 . 52998 . 57079 . 61086 . 64978 . 66718 . 72274 . 78620 . 78734 . 81603 . 84217 . 86574 . 88678 . 90534 . 92156 . 93558 . 92156 . 93558 . 935771 . 96620 . 97324 . 97901 . 98368 . 983688 . 98368 . 98368 . 98368 . 98368 . 98368 . 98368 . 98368 . 98	.32110 .35894 .39822 .43855 .47953 .52072 .56168 .60200 .64124 .67905 .71508 .78075 .81001 .83674 .86089 .88248 .90159 .91831 .93280 .97189 .97189 .97189 .97189 .97189 .97189 .97189 .97189 .98874 .99426	.31380 .35135 .39040 .43059 .47151 .55381 .59431 .63383 .63383 .67197 .70839 .74280 .77497 .80472 .83195 .85660 .87868 .89826 .91542 .93032 .94310 .95396 .96309 .97068 .97693 .98201 .9831 .98937	.30747 .34475 .38359 .42364 .46450 .50572 .54689 .58754 .62728 .66570 .70246 .73728 .80000 .8276 .97527 .9526 .91282 .92808 .94120 .95236 .96176 .96176 .96958 .97603 .98129 .98533 .98129	.30189 .33892 .37758 .41749 .45827 .49950 .54072 .58151 .62143 .66009 .69714 .73226 .76519 .79575 .82380 .84929 .87218 .89254 .91045 .92607 .95050 .96054 .96054 .96858 .97521 .98063	. 29693 .33373 .37220 .41198 .45269 .49390 .53517 .576015 .65502 .69232 .76098 .79188 .82028 .82028 .82417 .93786 .99828 .92417 .93786 .94955 .95744 .94955 .95744 .96764 .97445 .98001 .98451
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.10 2.20 2.30 2.40 2.50 2.40 2.50 2.40 2.50 2.40 2.50 2.60 2.70 2.80 2.90 3.00	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .86433 .88493 .90320 .91924 .93319 .94520 .95543 .97725 .98214 .98610 .98928 .97725 .98214 .98610 .999534 .99653 .99653	. 42822 . 46841 . 50892 . 54934 . 58925 . 66897 . 70209 . 73631 . 76840 . 79818 . 82554 . 85042 . 87281 . 89275 . 92568 . 93893 . 92568 . 93893 . 95984 . 96786 . 97451 . 97451 . 97451 . 99791 . 99711 . 99711	.39233 .43213 .47263 .51341 .55405 .59412 .67099 .70799 .70709 .74122 .77317 .82988 .89620 .91345 .92847 .94139 .95241 .96170 .98533 .98149 .98533 .98149 .99352 .99352 .99352 .99352	.36931 .40866 .448976 .53068 .57127 .661112 .668703 .72241 .75572 .78673 .78573 .84141 .81533 .84141 .88596 .920788 .92078 .92078 .92078 .92078 .92078 .92078 .92078 .92078 .9207	.35274 .39165 .43168 .47241 .51344 .55431 .67189 .70814 .74241 .77446 .80411 .83127 .85587 .87793 .89751 .91469 .92962 .94245 .95336 .96255 .97020 .97650 .98165 .98378 .99537	.33996 .37848 .41825 .45886 .42991 .54025 .62130 .63980 .63980 .69670 .73169 .79500 .82300 .82300 .84845 .89171 .90965 .92528 .93875 .95025 .95025 .95025 .95026 .94024 .98467 .98467 .98467 .98467 .99495 .99495 .99495	. 32967 . 36783 . 40734 . 40782 . 48884 . 52998 . 57079 . 61086 . 649718 . 72274 . 75620 . 78734 . 81603 . 84217 . 86574 . 88678 . 90534 . 92156 . 93558 . 94757 . 95771 . 96620 . 97324 . 97901 . 98368 . 9876 . 9976 . 99599	.32110 .35894 .39822 .43855 .47953 .52073 .56168 .60200 .64124 .67905 .71508 .74905 .78075 .81001 .83674 .86089 .88248 .90159 .91831 .93280 .94521 .95573 .96464 .97791 .98674 .9887 .9987	.31380 .35135 .39040 .43059 .47151 .55381 .59431 .63383 .63383 .67197 .70839 .74280 .77497 .80472 .83195 .85660 .87868 .89826 .91542 .93032 .94310 .95396 .96309 .97693 .98201 .98611 .98937 .99195 .99396	.30747 .34475 .38359 .42364 .46450 .50572 .54689 .58754 .62728 .66570 .70246 .73726 .80000 .82767 .85276 .9526 .91282 .92808 .94120 .95236 .96176 .96176 .96958 .97603 .98129 .98353 .98353 .98353	.30189 .33892 .37758 .41749 .45827 .494072 .58151 .66109 .69714 .73226 .76519 .79575 .82380 .84929 .87218 .89254 .91045 .926074 .926074 .936058 .94658 .95658 .95658 .95658 .95658 .95658 .99127 .99343 .99510	.29693 .33373 .37220 .41198 .45269 .433517 .57607 .61615 .65502 .69232 .72773 .76098 .79188 .82028 .824611 .86936 .9028 .92417 .93786 .94955 .959414 .97445 .98001 .98451 .98811 .98811 .99319
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.40 1.50 1.40 1.50 2.00 2.10 2.20 2.30 2.40 2.20 2.30 2.40 2.20 2.30 2.40 2.20 2.30 2.40 2.20 2.30 2.40 2.20 2.30 2.40 2.20 2.30 2.40 2.20 2.30 2.40 2.20 2.30 2.30 2.40 2.20 2.30 2.30 2.30 2.30 2.30 2.30 2.3	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214 .98610 .99379 .99534 .99653 .99744 .99653 .99744 .99813 .99865 .999853	. 42822 . 46841 . 50892 . 54934 . 58925 . 66597 . 70209 . 73631 . 76840 . 79818 . 85042 . 87281 . 89275 . 91538 . 91568 . 93893 . 95025 . 95984 . 96786 . 97451 . 97451 . 97451 . 99840 . 9980 . 99303 . 99411 . 99714 . 99791	.39233 .43213 .47263 .51341 .554052 .63323 .67099 .70708 .74122 .77317 .80276 .82988 .95449 .87658 .89620 .91345 .92847 .94139 .95241 .96170 .96946 .97586 .98110 .98573 .993142 .99516 .99642 .99516 .99642 .99737	.36931 .40866 .44894 .48976 .53068 .57127 .64982 .66703 .72241 .75572 .78674 .81533 .84141 .86494 .89453 .92078 .93483 .92078 .93483 .97273 .97273 .97273 .97273 .99015 .99254 .99585 .99585 .99589	.35274 .39165 .43168 .47241 .51344 .55431 .67189 .70814 .74241 .77446 .80411 .83127 .85587 .8751 .91469 .92751 .91469 .94245 .95336 .96255 .97020 .98165 .99173 .99173 .99378 .99537 .99537 .99658	.33996 .37848 .41825 .45886 .49991 .54095 .58155 .62130 .69670 .73169 .69670 .8785 .87134 .89171 .90965 .92528 .95925 .95925 .95925 .95926 .97476 .98467 .98467 .99495 .99495 .99495 .99627	. 32967 . 36783 . 40734 . 40734 . 40782 . 40804 . 52998 . 57079 . 61086 . 64978 . 68718 . 72274 . 75620 . 78734 . 81603 . 84217 . 86574 . 86574 . 90534 . 92156 . 93558 . 94757 . 95771 . 96620 . 97324 . 97901 . 98368 . 99276 . 99459 . 99276 . 99599 . 99599	. 32110 . 35894 . 39822 . 43855 . 47953 . 52072 . 56168 . 60200 . 64124 . 67905 . 71508 . 74905 . 78075 . 81001 . 93674 . 86089 . 91831 . 93280 . 94521 . 93280 . 94521 . 95573 . 96456 . 97189 . 98281 . 98674 . 98674 . 99834 . 999234 . 99924 . 99574 . 9958	.31380 .35135 .39040 .43059 .47151 .51273 .55381 .59431 .63383 .67197 .70839 .74280 .77497 .83195 .85860 .87869 .87868 .89826 .91542 .93032 .94310 .95396 .96837 .98201 .98611 .98637 .99195 .99396	.30747 .34475 .38359 .42364 .46450 .50572 .54689 .58754 .66570 .70246 .73725 .76982 .80000 .82767 .82767 .97527 .89526 .91282 .92808 .94120 .95236 .96176 .9658 .96176 .96958 .96176 .96958 .96176 .96958 .96176 .96958 .96176 .96958 .96176 .96958 .96176 .96958 .96176 .96958 .96176 .96958 .96176 .96958 .96176 .96958 .96176 .96958	.30189 .33892 .37758 .41749 .45827 .49950 .54072 .58151 .66143 .66009 .69714 .75575 .82380 .84929 .87218 .89254 .91045 .926074 .95090 .96054 .95090 .98050 .98500 .98500 .98500 .98500 .98500 .98500 .99127 .99343 .99519	.29693 .33373 .3720 .41198 .45269 .493517 .57607 .61615 .65502 .69232 .72773 .76098 .79188 .82028 .84611 .86936 .89005 .90828 .92417 .93786 .94955 .95941 .97445 .98001 .98411 .99096 .99319 .99492 .99625
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.10 2.20 2.30 2.40 2.50 2.40 2.50 2.40 2.50 2.40 2.50 2.60 2.70 2.80 2.90 3.00	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .86433 .88493 .90320 .91924 .93319 .94520 .95543 .97725 .98214 .98610 .98928 .97725 .98214 .98610 .999534 .99653 .99653	. 42822 . 46841 . 50892 . 54934 . 58925 . 62825 . 62825 . 70209 . 73631 . 76840 . 79818 . 82554 . 85042 . 87281 . 89275 . 92568 . 93893 . 92568 . 93893 . 95984 . 96786 . 97451 . 97451 . 97451 . 979080 . 99300 . 99300 . 99300 . 99300 . 99300 . 99301 . 99477 . 99611 . 99791	.39233 .43213 .47263 .51341 .55405 .59412 .67099 .70799 .707317 .82988 .89620 .91345 .92847 .94139 .95241 .96170 .98533 .98110 .98533 .98172 .99352 .99352 .99352 .99352	.36931 .40866 .448976 .53068 .57127 .661112 .668703 .72241 .75572 .78673 .78573 .84141 .81533 .84141 .88596 .920788 .92078 .92078 .92078 .92078 .92078 .92078 .92078 .92078 .9207	.35274 .39165 .43168 .47241 .51344 .55431 .59462 .63393 .67189 .70814 .74241 .83127 .87587 .87793 .89751 .91469 .92962 .94245 .95336 .96255 .97650 .98165 .98165 .99377 .99377 .99658 .99658	.33996 .37848 .41825 .45886 .42991 .54095 .62130 .69670 .73169 .79500 .82300 .82300 .82300 .82300 .82171 .90965 .92528 .93875 .95995 .96806 .97476 .98462 .99492 .99495 .99627 .99627	. 32967 . 36783 . 40734 . 40734 . 40734 . 40734 . 52998 . 57079 . 61086 . 64978 . 66718 . 72274 . 78734 . 81603 . 84217 . 86574 . 88678 . 90534 . 92156 . 93558 . 90534 . 92156 . 93558 . 93571 . 96674 . 977901 . 98368 . 977901 . 98368 . 99459 . 99459 . 99459 . 99796	.32110 .35894 .39822 .43855 .47953 .52072 .56168 .60200 .64124 .67905 .71508 .78075 .81001 .83674 .86089 .88248 .90159 .91831 .93280 .97189	.31380 .35135 .39040 .43059 .47151 .51273 .55381 .59431 .63383 .67197 .70839 .77497 .80472 .83195 .85660 .87868 .89826 .91542 .93032 .94310 .95396 .96309 .97068 .97693 .98937 .99396 .99551 .99396 .99551	.30747 .34475 .38359 .42364 .46450 .50572 .54689 .58754 .62728 .66570 .70246 .73725 .76982 .80000 .82767 .85276 .97527 .92808 .94120 .95236 .96176 .96958 .97603 .98153 .98153 .98153 .98153 .98153 .98159 .99368 .99530 .99530	.30189 .33892 .37758 .41749 .45827 .49950 .54072 .58151 .62143 .66009 .69714 .73226 .76519 .79575 .82380 .84929 .87218 .89254 .91045 .92607 .96054 .96054 .96054 .96050 .99127 .99530 .99127 .99539 .99539 .99539 .99539	.29693 .33373 .37220 .41198 .45269 .53517 .576015 .65502 .69232 .76098 .79188 .82028 .82028 .82417 .86936 .89005 .99828 .92417 .93786 .94955 .95941 .96764 .97445 .9801 .98451 .98451 .98451 .98451 .98451 .98451 .98451 .99492 .99625 .99422
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.40 1.50 1.40 1.50 2.00 2.10 2.20 2.30 2.40 2.20 2.30 2.40 2.20 2.30 2.40 2.20 2.30 2.40 2.20 2.30 2.40 2.30 2.40 2.30 2.40 2.30 2.40 2.40 2.40 2.40 2.40 2.40 2.40 2.4	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .96407 .97128 .97725 .98214 .98610 .99379 .99534 .99653 .99744 .99813 .999653	. 42822 . 46841 . 50892 . 54934 . 58925 . 66597 . 70209 . 73631 . 76840 . 79818 . 85042 . 87281 . 89275 . 91538 . 93893 . 95025 . 95984 . 96786 . 97451 . 97451 . 97451 . 99782 . 999303 . 999303 . 999611 . 99791 . 99791 . 99791 . 99791 . 99791 . 99791 . 99791 . 99792 . 999892 . 999923	.39233 .43213 .47263 .51341 .559412 .63323 .67099 .70708 .74122 .77317 .80276 .82988 .95449 .87658 .89620 .91345 .92847 .94139 .95241 .96170 .96946 .97586 .98110 .98573 .99142 .99516 .99642 .99516 .99683 .999863 .999863	.36931 .40866 .44894 .48976 .53068 .53068 .61112 .66793 .72241 .75572 .81531 .94674 .81531 .920788 .92078 .92078 .92078 .92078 .92078 .92078 .92078 .92078 .920788 .920	.35274 .39165 .43168 .47241 .51344 .55431 .67189 .70814 .74241 .77446 .80411 .83127 .85587 .8751 .91469 .92751 .91469 .94245 .95336 .96255 .97020 .98165 .99173 .99173 .99378 .99537 .99537 .99658	.33996 .37848 .41825 .45886 .49991 .54095 .58155 .62130 .69670 .73169 .69670 .8785 .87134 .89171 .90965 .92528 .95925 .95925 .95925 .95926 .97476 .98467 .98467 .99495 .99495 .99495 .99627	. 32967 . 36783 . 40734 . 40734 . 40782 . 40804 . 52998 . 57079 . 61086 . 64978 . 68718 . 72274 . 75620 . 78734 . 81603 . 84217 . 86574 . 86574 . 90534 . 92156 . 93558 . 94757 . 95771 . 96620 . 97324 . 97901 . 98368 . 99276 . 99459 . 99276 . 99599 . 99599	. 32110 . 35894 . 39822 . 43855 . 47953 . 52072 . 56168 . 60200 . 64124 . 67905 . 71508 . 74905 . 78075 . 81001 . 93674 . 86089 . 91831 . 93280 . 94521 . 93280 . 94521 . 95573 . 96456 . 97189 . 98281 . 98674 . 98674 . 99834 . 999234 . 99924 . 99574 . 9958	.31380 .35135 .39040 .43059 .47151 .51273 .55381 .59431 .63383 .67197 .70839 .74280 .77497 .83195 .85860 .87869 .87868 .89826 .91542 .93032 .94310 .95396 .96837 .98201 .98611 .98637 .99195 .99396	.30747 .34475 .38359 .42364 .46450 .50572 .54689 .58754 .66570 .70246 .73725 .76982 .80000 .82767 .82767 .97527 .89526 .91282 .92808 .94120 .95236 .96176 .9658 .96176 .96958 .96176 .96958 .96176 .96958 .96176 .96958 .96176 .96958 .96176 .96958 .96176 .96958 .96176 .96958 .96176 .96958 .96176 .96958 .96176 .96958 .96176 .96958	.30189 .33892 .37758 .41749 .45827 .49950 .54072 .58151 .66143 .66009 .69714 .75575 .82380 .84929 .87218 .89254 .91045 .926074 .95090 .96054 .95090 .98050 .98500 .98500 .98500 .98500 .98500 .98500 .99127 .99343 .99519	.29693 .33373 .3720 .41198 .45269 .493517 .57607 .61615 .65502 .69232 .72773 .76098 .79188 .82028 .84611 .86936 .89005 .90828 .92417 .93786 .94955 .95941 .97445 .98001 .98411 .99096 .99319 .99492 .99625
0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.10 2.20 2.40 2.50 2.40 2.50 2.40 2.50 2.40 2.70 2.80 2.70 2.80 2.90 3.10	.50000 .53983 .57926 .61791 .65542 .69146 .72575 .75804 .78814 .81594 .84134 .86433 .90320 .91924 .93319 .94520 .95543 .97728 .97728 .97728 .97728 .98214 .98610 .98928 .999534 .99653 .999534 .99865 .999653 .999653 .999653 .999653 .999653 .999653 .999653	. 42822 . 46841 . 50892 . 54934 . 58925 . 62825 . 70209 . 73631 . 76840 . 79818 . 82554 . 85042 . 87281 . 89273 . 92568 . 93893 . 92568 . 93893 . 95984 . 96786 . 97451 . 97451 . 97451 . 99791 . 99714 . 99791 . 99714 . 99791 . 99791 . 99791 . 99791 . 99791 . 99792 . 998492 . 99923	.39233 .43213 .47263 .51341 .55405 .59412 .67099 .74122 .77317 .82988 .89620 .91345 .92847 .94139 .95241 .96170 .98533 .98620 .91847 .94139 .95241 .96170 .98533 .98142 .99352	.36931 .40864 .448976 .53068 .57127 .661982 .68703 .72241 .75572 .78653 .84141 .81533 .84144 .88596 .920788 .920788 .920	.35274 .39165 .43168 .47241 .51344 .55431 .67189 .70814 .74241 .74241 .74241 .83127 .85587 .87793 .89751 .91469 .92962 .94245 .95336 .96255 .97020 .97650 .98165 .98378 .99537 .99658 .99537 .99658 .99859 .99870 .99870	.33996 .37848 .41825 .45886 .42791 .54025 .62130 .63670 .73169 .74500 .82300 .84813 .82171 .90965 .92528 .93875 .95025 .95025 .95025 .95026 .94024 .98467 .98467 .98467 .99495 .99495 .99495 .99495 .99802	. 32967 . 36783 . 40734 . 40782 . 48884 . 52998 . 57079 . 61086 . 64978 . 62718 . 72274 . 75620 . 78734 . 81603 . 84217 . 86574 . 88678 . 90578 . 90578 . 905771 . 96620 . 97924 . 99042 . 99042 . 99042 . 99042 . 99046 . 99706 . 99706 . 99706 . 99706	.32110 .35894 .39822 .43855 .47953 .52073 .56168 .60200 .64124 .67905 .71508 .74905 .78075 .81001 .83674 .86089 .88248 .90159 .91831 .93280 .94521 .95573 .964674 .98674 .9987 .99874 .999574 .99687 .99836	.31380 .35135 .39040 .43059 .47151 .55381 .59431 .63383 .67197 .70839 .74497 .80472 .831660 .87868 .89826 .91542 .93032 .94310 .94310 .94310 .9693 .9693 .9693 .9693 .98611 .98937 .99195 .99551 .99669 .99759 .99759	.30747 .34475 .38359 .42364 .46450 .50572 .54689 .58754 .62728 .66570 .70246 .73726 .80000 .82767 .87527 .87527 .97526 .91282 .92808 .94120 .95236 .96176 .96176 .96176 .96176 .96176 .96176 .9763 .98129 .98129 .98153 .98153 .98153 .98164 .99159 .99330 .99654 .99747 .99817	.30189 .33892 .37758 .41749 .45827 .494072 .58151 .62143 .66009 .69714 .73226 .76519 .79575 .82380 .84929 .87218 .89254 .91045 .92607 .9363 .98500 .98658 .97521 .98659 .99127 .99343 .99510 .99639 .99736 .99809	.29693 .33373 .37220 .41198 .45269 .43390 .53517 .57607 .61615 .69232 .72773 .76098 .79188 .82028 .82417 .93786 .9028 .92417 .93786 .94955 .95941 .9644 .97445 .9801 .98811 .98811 .99096 .99319 .99492 .99425 .99726 .99726