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Double star CCD astrometry and photometry

A. N. Argue,[1] P. S. Bunclark,[2] M. J. Irwin,[2] P. Lampens,[4] D. Sinachopoulos[4] and P. A. Wayman[3]

[1] *Institute of Astronomy, Madingley Road, Cambridge CB3 0HA*
[2] *Royal Greenwich Observatory, Madingley Road, Cambridge CB3 0EZ*
[3] *Dunsink Observatory, Dublin 15, Ireland*
[4] *Observatoire Royal de Belgique, Avenue Circulaire 3, 1180 Bruxelles, Belgium*

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ABSTRACT

Results are presented for angular separation, position angle and V and R photometry for 2373 binary stars, obtained with the CCD camera on the 1-m Jacobus Kapteyn Telescope at La Palma. The stars are part of the Input Catalogue of the *Hipparcos Astrometric Satellite* launched in 1989 August, and the purpose of our measurements is to assist in the satellite reductions. The A-components of the binaries have V magnitudes in the range 8 to 12 mag, and A–B angular separations (ρ) 0.5–30 arcsec with the majority in the range 0.5–5 arcsec. The internal consistency achieved for the photometry is <0.01 mag for components of nearly equal brightness, deteriorating to 0.1 mag for $\Delta v \sim 4$ mag. For the astrometry, the internal consistency for ρ varies between 0.01 and 0.1 arcsec, being worse for small separation ($\rho < 1.95$ arcsec) and large Δv. The position angle θ has been measured to better than 1° for $\rho \geq 1.95$ arcsec for components of nearly equal brightness ($\Delta v \leq 3.5$ mag), but for narrower systems the internal consistency deteriorates to 2°–6°.

Key words: techniques: image processing – astrometry – binaries: close – binaries: visual.

1 INTRODUCTION

The reduction of the double star measurements made by *Hipparcos* runs into problems in the separation range 0.5–10 arcsec. For separations smaller than 0.5 arcsec the multiple system fits into the gaps between successive lines of the modulating grid, and the geometry of the multiple system can be interpreted by combining scans made in different directions. For separations above 10 arcsec the two components can be treated as separate stars, and this again presents no particular problem. It is in the range of separation between these two limits that supplementary data are needed to facilitate the reduction (Dommanget 1985; Argue & Irwin 1988).

The upper end of this range, say from 5 to 10 arcsec, is accessible to photoelectric photometry by classical methods using large telescopes in exceptionally good seeing conditions, but is more conveniently done by CCDs which, in addition, yield astrometric information about the system. It is in the range 0.5–5 arcsec that the CCD, used on a telescope of moderate aperture, becomes nicely matched to these tasks. Given sophisticated profile-fitting reduction procedures, it is possible to resolve binaries down to one-half of the seeing spread (FWHM) in those favourable cases where the components are of nearly equal brightness (Irwin 1985). This means that at La Palma the limit of 0.5 arcsec is often attained. Our observations were preferentially made on systems in the range 0.5–5 arcsec, but we also included a reserve list (Table 7, on microfiche) of wider separations in order to allow us to continue observing when the seeing conditions became poor. In consequence, s_V and s_R, which describe the point spread function (see Section 3 below), have larger values in Table 7.

All stars had been selected by J. Dommanget, Coordinator of the *Hipparcos* Input Catalogue Working Group on Double Stars, using the following criteria: V between 8 and 12 mag; special interest or support of the satellite's observing strategy; and, lastly, a good chance of accurate observation by the satellite. This last criterion is set by a quantity called 'pressure' which is a measure of the competition for satellite observing time in the region of each candidate star. The definition has been given by Turon et al. (1992). We have selected only those stars with pressure <1.0. The numbers of stars proposed by Dommanget, and the numbers actually observed and given in our Tables 6–8 (on microfiche MN259/1) may be compared in Table 1.

In addition, we measured 99 stars in V only, and 136 in R only; in these cases the image in the other colour was unsatisfactory. The results are in Tables 9 and 10 (microfiche MN259/1).

Table 1. Numbers of stars proposed and measured, with the limits in magnitude V and separation ρ. The results are given in Tables 6–8 (on microfiche MN259/1).

Table	Limits in V	Limits in ρ	Proposed	Here
6	$9^m - 12^m$	$0''.5 - 5''.0$	1353	1063
7	$9^m - 12^m$	$5''.0 - 30''$	804	346
8	$8^m - 9^m$	$0''.5 - 5''.0$	3000	729

2 OBSERVATIONS

The observations were made during 1986 and 1987. The CCD camera was mounted at the $f/15$ focus of the 1-m Jacobus Kapteyn Telescope (JKT). The pixel sizes were nominally 0.3 arcsec for the GEC P8600 chip and 0.4 arcsec for the RCA SID 501EX, with field size 3×2 arcmin^2 in each case. The scale values were determined from exposures on the globular cluster M13, using Schlesinger's relative positions (1934). The results were as follows: RCA – for x, 0.4135 ± 0.0003 arcsec, for y, 0.4132 ± 0.0001 arcsec for 43 stars and three frames; and GEC – for x, 0.3032 ± 0.0003 arcsec, for y, 0.3032 ± 0.0002 arcsec for nine stars on two frames.

The filters were Kitt Peak Mould System V and R, giving instrumental scales v and r which are very close to Landolt's scales (1983) (Argue, Bunclark & Irwin 1988). Flat-fielding was carried out on the twilight sky at the beginning and end of each night. Interference patterns caused by night sky emission lines were never a problem because the exposure times were short, a few seconds only. Each frame consisted of two exposures, one in each colour and separated by 15 arcsec on the chip. This procedure speeded up the observations because the readout time was shared between the two exposures, but had the effect of degrading the signal-to-noise ratio because of the enhanced background noise. However, for the bright stars we are dealing with here, this effect is not serious and our accuracy remains good under good transparency conditions (see Section 2.2). We also included several frames of Landolt's photometric stars each night and, once or twice per night, a trail in RA to provide a fiducial direction for the position angle. In all cases our frames were examined on the screen of the instrument computer before being finally accepted. Our examination included tests for pixel saturation and for visible malformation of the image, but even then some frames were allowed to pass, only to be rejected at the reduction stage because of some defect that had escaped our notice. The most serious problem was instability in the position of the main mirror. This was traced to insecure bonding between mirror and encoders, and was cured by the use of a more suitable adhesive. This problem is not likely to recur.

2.1 Extinction

On a few nights we made repeated observations on one star for an extinction determination. The results are in Table 2. For comparison we include extinction measurements made in V on the same nights by the Carlsberg Automatic Meridian Circle (CAMC) which is situated nearby on the mountain. The CAMC results are not obtained in the same way as ours (CAMC 1987): they are obtained from meridian observations on about 60 stars distributed throughout the night, while ours are from repeated observations on one star over a range of airmass during the night. The two sets in Table 2 agree quite well, however, for instance in highlighting the night of 1987 June 5/6 as one of high extinction. For the June 8/9 data σ_r is high, and the CAMC measurements confirm this night to be one of poor quality.

There is a tendency throughout the table for the CAMC extinction to be lower than ours, suggesting a longer equivalent wavelength for their system. Our v system has already been shown to be close to the Landolt V system (quoted by Argue et al. 1988).

2.2 Precision of photometry

Some of our nights were of poor photometric quality but, since we were interested also in the astrometry, we continued making observations. On the good nights, such as 1986 July 24/5, the internal consistency of a magnitude would be comparable to the residual variance σ_r in Table 2, namely 0.009 mag in v and 0.008 mag in r (its precise value depending on the photon count for the star), but on many nights it would be worse, sometimes much worse. We did not make enough measurements to derive an estimate of the photometric quality of every night. Instead, we use the standard deviation (SD V) for a V magnitude estimated for each night by the CAMC observers (unpublished). It is reproduced here in the last columns of Tables 6–10 (microfiche MN259/1). It contains a component of variance for sky transparency fluctuation, and also one for the standard star photometric magnitudes (photoelectric) from which the CAMC SDs have been derived: it therefore gives a realistic figure for the

Table 2. Measured zenith extinction. The extinction star is identified in the second column by its number in Landolt's Photometric Catalogue (1983). Its $V-R$ colour has been taken from the same catalogue. σ_r is the residual variance (in magnitudes) about the linear regression in airmass, and n the number of extinction observations made that night. For each night the first line specifies v and the second r. The last column gives the zenith extinction in V measured by the Carlsberg Automatic Meridian Circle, La Palma (1987).

Date	Star	V-R (mag.)	Zenith extinction (mag.)	σ_r (mag.)	n	CAMC V (mag.)
1986 July 24/5	L 196395	0.933	0.169 ± 0.011	0.009	13	0.15 ± 0.012
			0.124 ± 0.010	0.008		
July 25/6	L 205556	-.021	0.162 ± 0.013	0.007	11	0.11 ± 0.015
			0.061 ± 0.017	0.009		
July 26/7	L 205556	-.021	0.165 ± 0.020	0.012	7	0.13 ± 0.012
			0.136 ± 0.034	0.020		
July 27/8	L 205556	-.021	0.136 ± 0.022	0.010	5	0.11 ± 0.011
			0.101 ± 0.014	0.022	4	
Nov 12/13	L+1 4774	0.097	0.135 ± 0.011	0.006	3	0.14 ± 0.012
			0.073 ± 0.021	0.012		
1987 Jan 13/14	L 16581	-.025	0.175 ± 0.022	0.008	3	0.17 ± 0.014
June 5/6	L 107544	0.233	0.480 ± 0.038	0.017	5	0.39 ± 0.019
			0.415 ± 0.029	0.013		
June 8/9	L 107544	0.233	0.191 ± 0.019	0.009	6	0.27 ± 0.030
			0.138 ± 0.014	0.040	5	
June 10/11	L 107544	0.233	0.174 ± 0.023	0.009	4	0.15 ± 0.017
			0.149 ± 0.029	0.011		

external accuracy of the individual v magnitudes in our tables. The magnitude differences Δv between the components ought not to have been seriously degraded by poor conditions, so the theoretical predictions made by Irwin ought to apply (Argue et al. 1988): namely that Δv should have an internal consistency of order <0.01–0.02 mag for components of nearly equal brightness, worsening to 0.1 mag for $\Delta v \sim 4$ mag.

3 REDUCTIONS

Since there is in general considerable overlap between the pair of images in both the V and R passbands, it is necessary to use point spread function (PSF) fitting techniques to extract the full astrometric and photometric precision (e.g. Irwin 1985). By simultaneously fitting both image components it is possible to attain the theroretical limiting accuracy for the random (i.e. photon and readout noise) component of the image parameters. However, for the JKT data the main problem lay in a PSF varying from one exposure to the next, due to the mirror support problem alluded to earlier and the fact that generally there were no isolated bright stars suitable to use for a PSF. These problems required a few extra stages in the image processing pathway. An outline of the analysis strategy is presented below.

As mentioned earlier, eyeball inspection of the data in pseudo-real time at the telescope sufficed to remove most of the frames for which the mirror support problem had caused significant image distortion. However, the residual mirror support artefacts had the effect of causing the PSF to vary somewhat from one binary star target to the next. This meant that an estimate of the PSF had to be made from each individual data frame.

Straightforward isophotal analysis (e.g. Irwin 1985) suffices to locate the binary star images within their expected locations on the CCD frame (both V and R pairs are present on each frame). Then, by simply summing along the derived major axis direction and by assuming circular symmetry for the PSF, one can independently obtain an estimate of the PSF for each R or V pair. (The values of s_V and s_R used in Tables 6–10 are the FWHM of these derived image PSFs.) The eyeball filtering at the telescope removed the majority of those cases in which the PSF was noticeably elongated, and the few cases of triple or higher order star systems were dealt with interactively. For a few targets there happened to be an isolated bright star on the CCD frame. These provided an external check on the reliability of the PSF estimation procedure.

The multiple-isophote technique discussed by Irwin (1985) was used to generate initial starting parameters for the image components where possible. In cases for which the image components were not obviously separated (i.e. separation typically less than the Rayleigh resolution limit) the shape of the major axis profile of the blend was used to derive initial starting parameters. These starting parameters were then fed into the general-purpose maximum likelihood fitting routine described in Irwin (1985). The fitted model data were then superposed on the CCD data to ascertain the reliability of the fit. Since there were independent V and R analyses available for most frames, this also provided an excellent test of the internal consistency of the analysis.

4 RESULTS

The results set out in Tables 6–8 (microfiche MN259/1) have been analysed to obtain estimates of our internal consistency in separation ρ and position angle θ.

4.1 Internal consistency of angular separation ρ

Irwin (1985) has predicted that the precision for ρ will improve with increased ρ and reduced difference in brightness (Δv) between the A and B components. Since in general each star was observed only once in each colour, we have no internal check on the accuracy of ρ within a colour. Instead, we have examined the consistency of the separate determinations of ρ in the two colours. As an illustration, Fig. 1 is a plot of $\frac{1}{2}(\rho_v - \rho_r)$ against the mean separation $\frac{1}{2}(\rho_v + \rho_r)$ for stars of Table 5. It shows a symmetric error distribution and increased scatter at low separation (<1.95 arcsec).

A more detailed analysis of the consistency of ρ as a function of ρ_v and ρ_r is given in Tables 3–5, where we have distributed the data into a 5×3 matrix having five intervals of brightness difference $\Delta v = v_B - v_A$ and three of angular separation ρ_v. The limits of these intervals are defined in the captions to the tables. Within each interval we have binned the values of $|\rho_v - \rho_r|$ according to a quantity σ_ρ which is intended to describe the standard deviation of $|\rho_v - \rho_r|$. We selected σ_ρ, as nearly as possible, to give a proportion 0.317 of the population of $|\rho_v - \rho_r|$ to exceed $1\sigma_\rho$, this being the proportion appropriate to one standard deviation. The populations of the $|\rho_v - \rho_r|$ bins are given in the left-hand columns under σ_ρ. The right-hand columns refer to the position angles θ, to be discussed in Section 4.2. Clearly the distribution is not normal, on account of the large numbers of outliers exceeding 4σ (we would expect only one in 10^4 for a normal distribution). These outliers we attribute to the

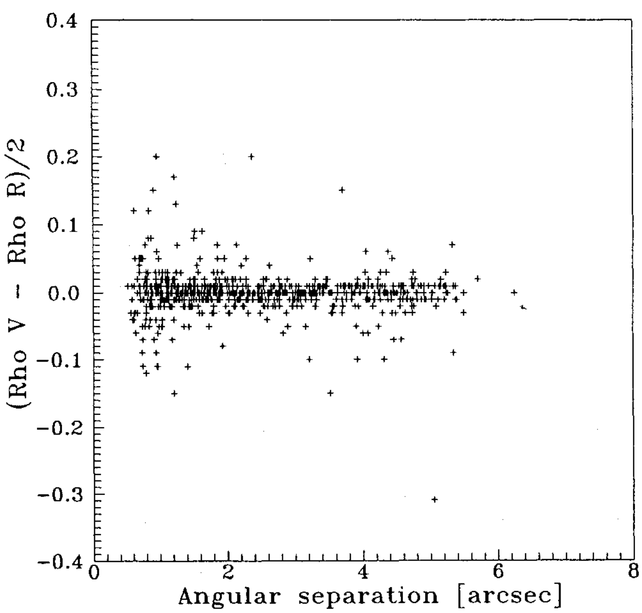

Figure 1. Difference in angular separation measured between the V filter and the R filter as a function of the mean separation for 729 Hipparcos binaries.

Table 3. Internal consistency for ρ and θ obtained in the two colours (v, r) for stars of Table 6 (having $V \geq 9$ mag and $\rho < 5$ arcsec; 1126 stars). The stars have been distributed into a 5×3 matrix with the following elements: five brightness intervals ($0 \leq \Delta v \leq 0.5$, denoted by $0^m.5$; $0.5 < \Delta v \leq 1.5$; $1.5 < \Delta v \leq 2.5$; $2.5 < \Delta v \leq 3.5$ and $v > 3.5$ mag) and three intervals of separation ($0 \leq \rho_v < 1.95$, denoted by $\rho_v = 1''.0$; $1.95 \leq \rho_v < 3.25$ and $\rho_v \geq 3.25$ arcsec). For ρ, the values obtained for $|\rho_v - \rho_r|$ have been binned in five intervals of σ_ρ in the left-hand of the pairs of columns: the value of σ_ρ is specified at the top of the column, and the boundaries of the bins specified in the extreme left-hand column. The θ are treated similarly in the right-hand of the pairs. The numbers in these column pairs specify the population of the bins.

Δv	$0^m.5$		$1^m.0$		$2^m.0$		$3^m.0$		$> 3^m.5$	
$\rho_v = 1''.0$	$\sigma_\rho = 0''.041, \sigma_\theta = 6^\circ.90$		$\sigma_\rho = 0''.052, \sigma_\theta = 6^\circ.00$		$\sigma_\rho = 0''.090, \sigma_\theta = 5^\circ.00$		$\sigma_\rho = 0''.094, \sigma_\theta = 8^\circ.00$		$\sigma_\rho = 0''.445, \sigma_\theta = 12^\circ.40$	
$0 - 1\sigma$	133	153	119	123	46	44	18	26	7	8
$1 - 2\sigma$	35	41	37	34	16	13	3	3	2	1
$2 - 3\sigma$	20	5	12	15	6	2	6	4	1	3
$3 - 4\sigma$	7	6	7	10	3	2	0	3	0	0
$> 4\sigma$	20	10	25	18	9	19	10	1	2	0
$\rho_v = 2''.6$	$\sigma_\rho = 0''.010, \sigma_\theta = 1^\circ.00$		$\sigma_\rho = 0''.015, \sigma_\theta = 1^\circ.00$		$\sigma_\rho = 0''.030, \sigma_\theta = 1^\circ.10$		$\sigma_\rho = 0''.064, \sigma_\theta = 1^\circ.00$		$\sigma_\rho = 0''.119, \sigma_\theta = 2^\circ.50$	
$0 - 1\sigma$	75	62	47	52	47	60	19	22	17	16
$1 - 2\sigma$	11	24	18	18	15	6	6	4	3	3
$2 - 3\sigma$	5	5	3	2	4	1	2	1	1	1
$3 - 4\sigma$	2	1	1	1	1	0	0	1	2	2
$> 4\sigma$	3	4	7	3	5	5	6	5	9	10
$\rho_v = 4''.0$	$\sigma_\rho = 0''.010, \sigma_\theta = 1^\circ.00$		$\sigma_\rho = 0''.014, \sigma_\theta = 1^\circ.00$		$\sigma_\rho = 0''.026, \sigma_\theta = 1^\circ.00$		$\sigma_\rho = 0''.030, \sigma_\theta = 1^\circ.00$		$\sigma_\rho = 0''.083, \sigma_\theta = 1^\circ.10$	
$0 - 1\sigma$	40	48	42	57	41	43	35	38	23	27
$1 - 2\sigma$	12	7	15	5	16	18	8	10	7	4
$2 - 3\sigma$	1	0	4	0	1	0	3	4	2	0
$3 - 4\sigma$	1	1	0	0	2	0	4	1	1	1
$> 4\sigma$	2	0	1	0	1	0	6	3	5	6

Table 4. As Table 3, but for stars of Table 7 ($V \geq 9$ mag and $\rho \geq 5$ arcsec); 348 stars.

Δv	$0^m.5$		$1^m.0$		$2^m.0$		$3^m.0$		$> 3^m.5$	
$\rho_v = 4''.0.$	$\sigma_\rho = 0''.021, \sigma_\theta = 1^\circ.00$		$\sigma_\rho = 0''.046, \sigma_\theta = 1^\circ.00$		$\sigma_\rho = 0''.051, \sigma_\theta = 1^\circ.00$		$\sigma_\rho = 0''.062, \sigma_\theta = 1^\circ.00$		$\sigma_\rho = 0''.140, \sigma_\theta = 1^\circ.00$	
$0 - 1\sigma$	31	41	67	85	49	64	40	45	39	35
$1 - 2\sigma$	9	7	22	11	15	8	9	12	12	18
$2 - 3\sigma$	3	0	3	0	7	3	7	5	6	1
$3 - 4\sigma$	3	0	2	2	0	0	2	0	0	1
$> 4\sigma$	2	0	5	1	3	2	4	0	4	6

instability of the main mirror referred to earlier, and they have not been included in our estimation of σ_ρ. They have large values of $d('')$ in Tables 6–8 (microfiche), where $d('')$ is the distance in arcsec between the two positions derived for the B component relative to the A component in the two colours. $d('')$ thus gives an indication of the consistency of the astrometry in the two colours for that object. The σ_ρ values do not, then, describe a normal distribution, especially for values < 0.01 arcsec, because ρ has been rounded to 0.01 arcsec in the reductions. Nevertheless, they do give a useful description of the precision obtained. The results confirm Irwin's prediction in giving a fairly smooth increase in σ_ρ with magnitude difference and with reduction in ρ. For binaries wider than 1.95 arcsec the precision in ρ is 0.01–0.04 arcsec for $\Delta v \leq 3.5$ mag, worsening to 0.04–0.10 arcsec for larger Δv; for narrower binaries it is ~ 0.04 arcsec for small Δv, increasing to 0.10 arcsec for larger Δv. The inferior precision for the wide binaries in Table 7 (microfiche) arises mainly because these stars had in general been observed only on nights of inferior seeing.

Table 5. As Table 3, but for stars of Table 8 ($8 \le V < 9$ mag and $\rho < 5$ arcsec); 752 stars.

Δv	$0^m.5$		$1^m.0$		$2^m.0$		$3^m.0$		$> 3^m.5$	
$\rho_v = 1''.0$	$\sigma_\rho = 0''.043, \sigma_\theta = 2^o.20$		$\sigma_\rho = 0''.030, \sigma_\theta = 2^o.02$		$\sigma_\rho = 0''.044, \sigma_\theta = 2^o.52$		$\sigma_\rho = 0''.047, \sigma_\theta = 2^o.30$		$\sigma_\rho = 0''.138, \sigma_\theta = 3^o.91$	
$0 - 1\sigma$	45	40	87	73	55	55	20	21	6	5
$1 - 2\sigma$	14	8	15	13	9	13	6	3	3	1
$2 - 3\sigma$	5	8	12	9	14	2	2	3	0	1
$3 - 4\sigma$	4	3	3	9	3	5	1	2	0	0
$> 4\sigma$	6	15	11	24	11	17	2	2	0	2
$\rho_v = 2''.6$	$\sigma_\rho = 0''.009, \sigma_\theta = 1^o.00$		$\sigma_\rho = 0''.011, \sigma_\theta = 1^o.00$		$\sigma_\rho = 0''.024, \sigma_\theta = 1^o.10$		$\sigma_\rho = 0''.033, \sigma_\theta = 1^o.00$		$\sigma_\rho = 0''.030, \sigma_\theta = 1^o.00$	
$0 - 1\sigma$	11	21	32	34	39	35	30	26	19	13
$1 - 2\sigma$	10	4	4	7	10	14	11	18	3	9
$2 - 3\sigma$	2	0	3	1	3	3	3	1	1	1
$3 - 4\sigma$	1	0	2	1	1	0	1	1	1	1
$> 4\sigma$	1	0	2	0	1	2	1	0	1	1
$\rho_v = 4''.0$	$\sigma_\rho = 0''.010, \sigma_\theta = 1^o.00$		$\sigma_\rho = 0''.013, \sigma_\theta = 1^o.00$		$\sigma_\rho = 0''.020, \sigma_\theta = 1^o.00$		$\sigma_\rho = 0''.030, \sigma_\theta = 1^o.00$		$\sigma_\rho = 0''.040, \sigma_\theta = 0^o.62$	
$0 - 1\sigma$	15	17	20	26	28	34	34	43	53	48
$1 - 2\sigma$	3	2	8	5	9	7	13	12	14	25
$2 - 3\sigma$	0	0	2	0	4	0	2	1	5	0
$3 - 4\sigma$	1	0	0	0	0	0	1	0	3	2
$> 4\sigma$	0	0	1	0	1	1	6	0	2	2

We should stress that our σ_ρ includes instrumental effects not included in the theoretical treatment, e.g. changes in scale caused by the different filters. Nevertheless, σ_ρ does give a useful consistency check.

4.2 Internal consistency of position angle θ

The internal consistency of the θ determinations in the two colours has been examined in the same way, and the results given in the right-hand columns of Tables 3–5. The θ values had been output to 1°, so values of σ_θ smaller than this are not meaningful and we have set σ_θ to 1°.00 to indicate the numbers of determinations that have agreed to this level. For $\rho > 1.95$ arcsec the internal consistency is better than 1° for $\Delta v \le 3.5$ mag, but for smaller ρ values it becomes 2° for the stars of Table 8 and ~6° for those of Table 6. In general, the stars in Table 6 were measured earlier than those in Table 8, and for the latter the stability of the mirror had been improved as described in Section 2 above.

5 OUTLOOK

Binary and multiple stars play a fundamental role in the formation and evolution of stars and in the structure of the Galaxy. The dominant mechanism in the formation of Population I binaries is thought to be the fragmentation of gas clouds, leading to star formation in general, and unbiased statistics of binaries are needed to support numerical simulations of the model (Trimble 1990). The real frequency distribution of binaries is crucial in the development of models of the Galaxy population (Robin & Crézé 1986; Gilmore, Wyse & Kuijken 1989), yet double star photometry in particular has been very slow to materialize. For example, the astrometric 'Catalogue des Compositants d'Etoiles Doubles et Multiples' (CCDM, Dommanget 1989) contains over 65 000 systems, but fewer than 10 per cent have accurate and reliable photometry. To fulfil the urgent need for a planned systematic and unbiased all-sky survey, a 'Réseau européen de Laboratoires (Etoiles Doubles Visuelles)' has been set up, drawn from the observatories of Besançon, Bonn, Brussels, CERGA, Geneva, IoA, Lausanne and Strasbourg. Our own contribution to this collaborative survey will be based on the experiences described in this paper.

6 OBSERVERS

The observing schedule was as follows:

1986 March – A. N. Argue and D. S. Nithakorn (Institute of Astronomy);

1986 April – A. N. Argue, R. Barbier [Observatoire Royal de Belgique (ORB)], J. Doyle (ORB) and P. A. Wayman (Dublin Institute for Advanced Studies);

1986 July – A. N. Argue, P. S. Bunclark (Royal Greenwich Observatory) and D. Sinachopoulos (Bonn);

1986 November – A. N. Argue, P. S. Bunclark, R. Harmon (IoA) and D. Sinachopoulos;

1987 January – J. Bourgeois (ORB), R. Harmon, D. S. Nithakorn and P. A. Wayman;

1987 June – M. Bridgeland (RGO), P. S. Bunclark and M. J. Irwin.

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Double star CCD astrometry and photometry

A.N. Argue, P.S. Bunclark, M.J. Irwin, P. Lampens,
D. Sinachopoulos and P.A. Wayman

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Table 6. CCD astrometry and v and r photometry for 1063 visual double stars with $V \geq 9$ mag and $\rho < 5$ arcsec. Column 5 gives the mean position angle θ for the two colours v and r, and similarly column 6 gives the mean ρ. Column 7 [$d('')$] gives the distance in arcsec between the two positions derived for the B component relative to the A component, with an estimate of the precision. The columns 's_v' and 's_R' give the FWHM of the derived image PSF (see Section 3 of text) in units of 0.1 arcsec. In the last column is given the standard deviation of a V magnitude as determined by the Carlsberg Automatic Meridian Circle on La Palma (see Section 2.2 of text).

Nr	IDS	Name	t	θ	$\rho('')$	d($''$)	m_VA	m_VB	s_V	m_RA	m_RB	s_R	SD V
1	00008N6019	KR 67	1986.86	160	3.09	0.00	9.41	10.02	13	9.07	9.65	12	.057
2	00025 S 0506	Σ3063	1986.56	197	1.31	0.25	9.35	9.94	14	8.78	9.74	12	.067
5	00063N6324	MLB 183	1986.86	96	3.02	0.00	10.06	12.14	14	9.86	11.93	12	.057
6	00072 S 2449	VOU 22	1986.56	228	1.04	0.10	10.53	12.53	10	10.34	11.80	10	.061
7	00085N0601	BU 998	1986.56	120	1.14	0.09	9.21	9.60	15	8.97	9.26	14	.067
8	00105 S 2454	B 4	1986.56	206	0.77	0.05	9.70	10.36	11	9.49	9.77	11	.061
9	00118N2113	KU 4	1986.56	136	2.40	0.00	9.73	10.52	16	9.44	10.21	14	.067
10	00123N0929	A 1804	1986.56	28	1.34	0.32	9.30	9.[illegible]	15	8.81	9.67	12	.067
12	00136N6440	MLB 243	1986.86	311	4.92	0.03	9.08	10.97	15	8.68	10.65	14	.057
13	00161N2508	COU 348	1986.56	17	0.97	0.20	8.86	10.13	12	9.31	9.43	13	.057
14	00170 S 2856	RST1185	1986.56	257	3.53	0.00	10.29	11.39	12	9.98	10.90	13	.061
15	00172N5344	A 907	1986.56	206	1.16	0.08	9.04	9.15	12	9.07	9.26	11	.058
16	00197 S 3354	COO 1	1986.56	121	3.32	0.02	9.65	10.64	12	9.37	10.33	12	.061
17	00209N2754	COU 446	1986.56	357	1.03	0.10	9.53	10.69	13	9.67	10.73	13	.058
18	00211N6353	BU 1156	1986.56	56	1.17	0.23	9.44	10.51	15	8.89	9.97	15	.058
19	00242 S 1823	HU 1203	1986.56	195	1.89	0.01	10.41	10.92	10	10.21	10.71	10	.061
20	00250 S 2748	COO 2	1986.56	253	1.64	0.04	9.92	11.39	11	9.34	10.71	12	.061
21	00263N6642	VYS 2	1986.56	307	4.76	0.01	9.48	13.09	13	9.52	13.12	14	.058
22	00274 S 3121	I 704	1986.56	1	2.77	0.00	10.86	11.40	11	10.52	11.05	13	.061
23	00275N5118	HU 510	1986.56	138	1.61	0.03	9.30	9.94	15	9.23	9.82	14	.058
24	00292N2338	COU 350	1986.56	143	1.17	0.23	9.56	11.80	13	9.32	10.30	12	.067
25	00310 S 2421	B 9	1986.86	108	1.55	0.49	10.68	13.13	16	10.59	12.10	14	.113
26	00311N5958	Σ43	1986.86	166	4.71	0.05	8.97	9.42	13	8.65	8.79	13	.068
29	00325N2957	A 915	1986.86	134	0.84	0.08	10.37	10.44	13	10.12	10.20	13	.068
30	00352N0444	A 1806	1986.86	19	3.11	0.06	9.68	11.64	13	9.40	11.20	15	.068
31	00361 S 2342	I 1074	1986.86	205	1.56	0.08	9.95	10.50	14	9.69	10.19	15	.113
32	00364 S 1344	RST3346	1986.86	167	0.99	0.15	11.15	12.34	13	10.63	11.19	13	.113
33	00369N1027	A 809	1986.86	298	0.87	0.11	9.66	10.77	12	9.55	9.82	13	.068
36	00380 S 2710	JOH 2	1986.86	288	2.77	0.11	10.16	13.10	16	9.79	12.50	16	.113
37	00384 S 3330	I 706	1986.86	44	1.89	0.04	9.90	11.28	16	9.62	11.15	18	.113
38	00413 S 3350	HJ 3396	1986.56	221	4.09	0.01	10.34	11.36	12	10.03	11.04	11	.061
39	00418N4445	A 653	1986.86	117	5.75	0.10	9.05	13.40	11	9.09	13.02	11	.068
40	00419 S 0148	BU 494	1986.86	341	1.35	0.07	8.83	8.91	10	8.49	8.57	10	.057
41	00456N4039	Σ64	1986.86	273	3.74	0.07	9.90	10.09	13	9.77	9.94	13	.068
42	00463N2305	HU 414	1986.56	115	1.47	0.06	8.94	11.53	9	8.44	11.58	10	.061
44	00477N5147	HU 1017	1986.86	334	1.92	0.08	9.19	10.63	12	9.04	10.27	13	.068
45	00483N0246	HDO 37	1986.86	231	1.56	0.04	9.39	9.68	11	9.10	9.38	13	.057
46	00485N5035	HU 1018	1986.86	43	0.90	0.14	9.57	10.67	15	9.17	10.17	13	.068
47	00502 S 1759	BU 233	1986.56	99	1.22	0.03	8.59	9.89	10	8.29	9.55	10	.061
48	00509 S 1655	HWE 1	1986.56	129	1.77	0.01	9.67	10.00	11	9.35	9.62	11	.061
49	00511 S 2301	I 442	1986.56	50	2.85	0.01	10.63	12.18	12	10.32	11.80	11	.061
50	00514N1008	Σ76	1986.86	198	2.97	0.11	8.80	10.67	15	8.42	10.16	14	.068
51	00552 S 3058	B 647	1986.56	20	1.85	0.01	9.88	11.66	12	9.57	11.21	11	.061
52	00553N6030	HU 1020	1986.86	113	1.08	0.20	9.01	10.53	13	8.79	10.07	13	.068
53	00555 S 0046	RST4743	1986.86	297	2.19	0.18	10.17	11.84	15	9.75	11.23	17	.057
54	00567N0933	PRZ 3	1986.86	69	2.34	0.01	9.17	10.26	14	8.88	10.00	14	.057
55	00589 S 3056	B 649	1986.56	231	0.79	0.11	9.59	9.65	12	9.32	9.33	11	.061
58	01032 S 2242	DON 14	1986.86	78	2.85	0.00	10.72	10.91	17	10.33	10.57	16	.057
59	01049N5109	DOO 3	1986.86	353	1.00	0.33	9.46	11.82	14	9.47	10.64	15	.068
61	01053N5704	MLB 152	1986.86	98	1.87	1.11	10.34	15.24	12	10.07	13.79	12	.068
62	01057 S 3405	JSP 19	1986.86	145	2.52	0.04	10.69	11.32	18	10.35	10.97	18	.057
64	01112 S 0741	Σ106	1986.86	307	4.69	0.00	9.77	9.91	14	9.31	9.45	16	.057
65	01131 S 3233	I 709	1986.86	77	1.28	0.02	10.78	12.01	10	10.35	11.57	10	.066
66	01140 S 2702	λ11	1986.86	298	1.55	0.01	8.93	9.40	12	8.48	8.86	11	.066
67	01147N0318	BAL2084	1986.86	30	4.23	0.00	10.52	10.53	16	10.24	10.24	17	.057
68	01154N1741	A 2212	1986.86	221	1.32	0.30	8.55	9.85	14	8.24	10.18	15	.068

Table 6.

Nr	IDS	Name	t	θ	$\rho('')$	d('')	m_VA	m_VB	s_V	m_RA	m_RB	s_R	SD V
70	01166 S 1700	HU 417	1986.86	327	2.68	0.06	10.11	12.61	12	9.79	12.01	11	.066
71	01170 S 2439	λ13	1986.86	180	1.00	0.22	8.72	9.53	13	8.50	8.94	10	.066
72	01186 S 2007	B 1030	1986.86	270	3.28	0.11	9.48	13.27	10	9.18	12.52	10	.066
73	01210N6703	HU 1028	1986.86	102	2.00	0.79	10.88	14.12	11	10.49	13.19	12	.068
75	01232 S 0948	HU 7	1986.86	206	1.69	0.06	10.21	11.26	15	9.80	10.78	15	.113
77	01240N0316	A 2317	1986.86	57	1.09	0.17	9.19	9.99	13	8.75	10.23	14	.113
79	01256 S 1917	B 653	1986.86	134	1.97	0.10	9.89	12.24	12	9.57	11.67	13	.066
80	01289N5120	A 112	1986.86	331	1.07	0.11	9.37	10.19	15	8.67	9.49	14	.068
81	01298N3047	Σ137	1986.86	85	3.42	0.00	8.77	9.60	24	8.60	9.42	24	.068
82	01299N3416	A 1914	1986.86	290	3.57	0.25	8.96	13.17	14	8.02	12.58	14	.068
83	01303N5019	HU 527	1986.86	309	1.80	0.07	9.83	12.07	13	9.72	11.78	13	.068
84	01318N6312	HJ 1085	1986.86	117	3.89	0.01	9.47	9.48	14	9.01	9.02	12	.068
85	01319N1925	A 2319	1986.86	203	1.02	0.11	10.43	10.70	14	10.25	10.57	12	.068
86	01336 S 3331	B 655	1986.86	4	1.93	0.13	11.14	11.37	19	10.85	11.05	18	.113
88	01344 S 2539	I 449	1986.86	1	1.92	0.17	9.67	10.50	18	9.44	10.07	19	.113
89	01345 S 0754	RST4182	1986.86	130	0.73	0.11	9.85	11.58	11	9.62	10.92	10	.066
90	01351 S 2101	DON 21	1986.86	357	2.71	0.19	9.56	13.98	10	9.29	13.19	10	.066
91	01364 S 1239	HU 9	1986.86	292	4.57	0.01	9.93	10.24	13	9.61	9.90	12	.066
92	01367 S 1830	HJ 2072	1986.86	288	3.26	0.00	8.99	10.05	11	8.63	9.64	13	.066
93	01376 S 1250	HU 10	1986.86	282	0.71	0.21	9.06	9.26	10	8.57	9.31	11	.066
94	01381 S 2759	RST1222	1986.86	149	1.80	0.04	10.78	11.66	17	10.48	11.30	16	.113
96	01387 S 2606	RST3362	1986.86	56	0.81	0.22	10.85	11.42	12	10.31	10.98	12	.066
97	01388N6341	MLB 447	1986.86	123	2.68	0.01	11.69	12.24	12	11.39	11.90	14	.068
98	01392N2321	COU 450	1986.86	164	1.70	0.18	9.64	13.29	13	9.41	12.28	11	.068
99	01397N3422	HU 1031	1986.86	338	1.10	0.54	8.77	12.43	13	8.64	9.47	11	.068
100	01406N5037	HU 533	1986.86	183	1.97	0.07	9.15	9.45	13	8.75	9.07	14	.068
101	01415 S 0023	A 1917	1986.86	26	2.10	0.04	9.95	10.20	10	9.65	9.87	10	.066
102	01419N4324	ES 1498	1986.86	0	3.51	0.02	10.47	11.14	12	9.95	10.95	13	.057
103	01432N5325	ES 761	1986.86	255	4.77	0.28	8.94	13.64	9	8.95	13.46	12	.057
107	01491 S 1929	B 23	1986.86	130	4.83	0.23	9.42	13.32	11	9.06	12.40	12	.066
108	01502N0228	A 2407	1986.86	52	1.00	0.38	9.78	10.55	10	9.51	9.64	10	.066
109	01504N0305	BAL2096	1986.86	64	0.62	0.14	9.50	10.50	11	9.54	9.81	9	.066
110	01521 S 2406	I 453	1986.86	61	1.24	0.63	9.60	11.83	16	9.33	11.53	20	.068
111	01527 S 2744	RST1226	1986.86	68	2.85	0.00	11.39	11.53	16	11.04	11.15	16	.068
112	01530 S 1227	HU 13	1986.86	98	1.07	0.04	9.17	10.33	11	9.04	9.96	11	.066
113	01540N4358	Σ195	1986.86	194	3.01	0.05	9.33	9.81	12	9.24	9.68	13	.060
114	01555N4709	A 820	1986.86	245	1.91	0.14	9.72	12.76	12	9.62	12.49	13	.060
115	01559 S 3016	B 26	1986.86	288	4.45	0.09	9.87	13.33	24	9.53	12.62	24	.068
116	01576N3353	A 1925	1986.86	226	3.44	0.00	9.11	12.77	13	8.24	12.23	12	.060
117	01580N5632	KR 13	1986.86	345	4.00	0.00	9.77	10.38	12	9.70	10.32	12	.060
123	02006 S 2653	RST1233	1986.86	283	3.45	0.18	10.38	13.31	18	10.11	12.73	19	.068
125	02080N3403	Σ229	1986.86	357	2.50	0.04	9.14	10.23	11	9.02	9.72	10	.060
126	02084N2314	HU 424	1986.86	336	1.36	0.18	9.16	10.91	10	8.96	9.97	13	.057
127	02084 S 2404	B 29	1986.86	312	3.86	0.11	9.98	11.90	16	9.61	11.43	14	.068
128	02088N5016	HU 535	1986.86	351	4.68	0.05	8.95	11.63	11	8.88	11.34	12	.060
130	02112 S 0922	A 444	1986.86	355	1.49	0.41	9.48	14.21	14	9.17	11.67	11	.060
131	02115N7555	Σ233	1986.86	275	2.08	0.07	9.36	9.83	12	8.99	9.41	12	.113
132	02120N2146	Σ244	1986.86	289	4.47	0.01	9.28	9.37	13	9.01	9.09	11	.066
133	02125N5311	A 1274	1986.86	120	0.73	0.25	9.25	11.11	10	9.30	10.45	13	.057
134	02126 S 3328	COO 11	1986.86	89	2.22	0.08	9.95	9.97	17	9.49	9.50	16	.066
137	02152N2929	A 962	1986.86	73	0.86	0.17	9.01	9.43	10	8.69	9.17	10	.113
138	02156N3855	Σ251	1986.86	266	2.24	0.01	8.77	9.50	10	8.19	9.02	12	.113
140	02197 S 0621	A 446	1986.86	38	0.79	0.12	9.91	10.77	10	9.90	10.05	11	.066
141	02207N2643	COU 459	1986.86	233	0.96	0.09	11.55	11.73	11	11.15	11.28	11	.066
142	02228N1655	A 2330	1986.86	211	1.17	0.06	9.28	9.49	12	8.90	9.16	11	.066
144	02234N2837	A 965	1986.86	208	1.88	0.09	9.05	12.29	11	8.35	12.19	12	.113

Table 6.

Nr	IDS	Name	t	θ	ρ(″)	d(″)	mvA	mvB	sv	mRA	mRB	sR	SD V
145	02238 S 0912	A 448	1986.86	43	0.93	0.15	9.72	9.78	12	9.04	9.60	11	.066
147	02262N5553	A 1276	1986.86	197	0.83	0.22	9.57	10.02	12	8.38	10.98	13	.113
148	02265 S 1443	RST3367	1986.86	200	2.51	0.02	10.28	11.71	13	9.95	11.38	11	.068
149	02274N0553	Σ276	1986.86	269	1.95	0.04	9.42	9.51	13	9.11	9.14	12	.066
151	02282 S 0719	A 449	1986.86	349	4.08	0.07	9.76	12.24	15	9.57	11.73	13	.066
152	02292N4345	A 1528	1986.86	193	1.51	0.11	9.50	9.76	11	9.48	9.79	12	.113
153	02312 S 1541	HU 809	1986.86	44	0.97	0.04	9.91	10.33	11	9.46	10.20	11	.066
154	02316 S 1242	RST3370	1986.86	286	3.37	0.02	10.18	13.17	13	9.90	12.57	12	.066
156	02333N5453	A 1279	1986.86	306	2.14	0.01	9.91	10.02	10	9.79	9.92	10	.113
157	02334N1500	AG 43	1986.86	61	2.97	0.00	9.93	9.94	12	9.59	9.63	13	.057
158	02334 S 0624	A 451	1986.86	147	1.79	0.10	9.74	10.86	11	9.46	10.31	11	.057
159	02336N2526	A 2023	1986.86	122	1.56	1.23	8.63	12.87	13	8.56	10.37	12	.057
160	02338 S 0201	HO 315	1986.86	356	1.73	0.12	9.43	9.87	12	9.10	9.53	13	.057
162	02372 S 0247	A 317	1986.86	88	4.82	0.10	9.03	12.42	12	8.47	11.42	14	.057
163	02379 S 0655	A 452	1986.86	112	1.86	0.00	9.22	9.23	11	8.85	8.85	12	.066
164	02397 S 3129	DAW 34	1986.86	39	2.00	0.11	9.99	10.99	16	9.49	10.58	14	.068
165	02422 S 1423	A 2905	1986.86	186	3.55	0.00	9.84	11.53	14	9.41	11.17	11	.065
166	02425N2148	COU 551	1986.86	301	1.56	0.11	9.26	11.69	10	8.96	11.18	11	.057
167	02428N5615	A 972	1986.86	117	0.99	0.59	9.12	11.59	10	9.28	10.00	12	.113
168	02430 S 1844	LV 2	1986.86	28	2.89	0.09	9.49	12.25	11	9.19	11.96	12	.068
170	02452N4421	ES 1309	1986.86	211	4.53	0.17	10.03	14.14	11	9.79	13.37	12	.113
171	02466 S 2150	I 461	1986.86	332	3.23	0.06	9.27	10.88	16	8.44	10.17	12	.068
172	02514N1650	HO 317	1986.86	309	3.56	0.05	8.96	10.98	11	8.87	10.59	9	.066
173	02517N1024	HEI	1986.86	86	2.75	0.05	10.16	12.29	11	9.88	11.72	10	.066
176	02546N0014	RST5195	1986.86	9	3.90	0.27	9.98	13.94	11	9.54	12.96	10	.066
177	02555N6027	KR 17	1986.86	219	3.23	0.01	9.07	9.69	13	8.79	9.37	14	.113
179	02580N5721	KR 18	1986.86	274	1.51	0.05	9.58	9.99	10	9.41	9.79	10	.113
180	02580 S 2907	RST1252	1986.86	128	1.63	0.04	10.09	12.94	16	9.63	12.36	12	.068
181	02592N2732	Σ342	1986.86	303	3.27	0.00	8.87	9.23	12	8.62	8.96	13	.113
182	02595N0742	J 303	1986.86	40	3.03	0.00	10.16	11.23	14	9.83	10.89	15	.113
183	02595 S 1359	RST3376	1986.86	146	1.18	0.41	9.65	12.40	15	9.79	10.06	16	.113
184	02596 S 1015	RST4221	1986.86	89	1.21	0.73	9.73	12.78	13	9.23	12.13	15	.113
185	03004N3959	A 1532	1986.86	217	2.95	0.01	9.54	12.64	11	8.82	11.79	12	.113
187	03077 S 3039	λ22	1986.86	339	1.29	0.02	9.33	10.68	11	9.20	10.31	11	.066
188	03087N3521	HO 502	1986.86	19	0.86	0.18	9.29	9.97	11	9.25	9.88	10	.113
189	03111N4853	HU 545	1986.86	81	3.54	0.01	9.37	9.93	10	9.16	9.60	10	.113
190	03111 S 0226	RST4756	1986.86	125	1.15	0.52	9.37	12.27	15	9.19	10.72	13	.113
191	03113 S 0048	A 1285	1986.86	291	1.80	0.22	10.32	10.74	16	10.10	10.50	14	.113
192	03114N2557	WOR 3	1986.86	346	3.18	0.17	11.06	13.68	12	10.21	12.57	11	.113
193	03132 S 1056	HU 19	1986.86	304	3.16	0.05	8.95	11.18	15	8.71	10.81	14	.113
195	03146 S 0620	A 458	1986.86	91	1.52	0.21	10.53	11.62	16	10.08	11.76	14	.113
196	03151N2958	COU 684	1986.86	125	4.50	0.08	10.38	12.47	11	10.12	11.98	11	.066
197	03158 S 3035	I 719	1986.86	321	1.65	0.21	9.49	9.52	15	9.37	9.41	15	.113
198	03169N6144	ES 1957	1986.86	176	4.28	0.15	10.19	12.92	12	10.00	12.68	10	.066
201	03192N4515	HO 322	1986.86	124	1.95	0.01	9.67	10.01	12	9.35	9.63	11	.060
202	03196N3023	A 979	1986.86	270	1.71	0.06	10.02	10.93	10	9.78	10.65	10	.060
203	03215 S 0128	RST4757	1986.86	124	2.67	0.01	11.06	11.24	14	10.71	10.87	13	.068
206	03293N7504	MLR 392	1986.86	212	1.03	0.20	9.77	10.42	12	9.09	9.83	15	.113
207	03293N1723	J 1084	1986.86	134	4.34	0.02	10.04	11.71	13	9.70	11.26	12	.068
209	03321N4425	ES 1312	1986.86	103	2.33	0.00	11.03	11.10	13	10.65	10.73	11	.068
210	03343N5258	A 985	1986.86	44	3.95	0.03	9.59	10.70	14	9.37	10.41	12	.068
212	03382N3532	HO 504	1986.86	191	1.15	0.10	8.94	9.07	11	8.89	8.96	11	.113
213	03391 S 0939	A 460	1986.86	252	0.80	0.25	10.52	10.71	15	10.17	10.57	10	.068
214	03423N5949	Σ445	1986.86	257	3.08	0.03	8.92	9.83	12	8.86	9.77	14	.068
215	03430N3841	HU 1067	1986.86	73	1.38	0.03	9.48	10.22	14	9.28	9.84	13	.068
216	03430 S 0052	A 1291	1986.86	52	0.99	0.06	9.98	10.18	12	9.27	9.76	11	.068

Table 6.

Nr	IDS	Name	t	θ	ρ(″)	d(″)	m_VA	m_VB	s_V	m_RA	m_RB	s_R	SD V
217	03434N1440	HO 324	1986.86	330	1.05	0.08	9.10	9.36	11	8.72	8.92	10	.060
219	03436N1121	A 832	1986.86	112	1.84	0.07	9.91	10.37	11	9.57	9.97	9	.060
220	03437N0630	A 1829	1986.86	305	1.76	0.10	9.67	11.59	12	9.40	11.18	12	.068
221	03457N1359	HJ 3248	1986.86	28	6.81	0.01	10.36	11.72	11	9.94	11.32	10	.060
222	03463N4054	A 1542	1986.86	290	4.55	0.17	9.42	12.12	16	9.33	11.71	12	.068
223	03481N5158	BU 743	1986.86	253	1.02	0.31	9.10	9.50	14	8.80	9.51	13	.068
225	03489N3450	HU 606	1986.86	35	2.98	0.01	9.81	10.90	13	9.06	9.81	13	.068
227	03523 S 2818	B 59	1986.86	240	4.14	0.01	10.01	11.28	15	9.69	10.95	14	.068
229	03524N4956	J 893	1986.86	234	0.97	0.06	10.21	10.39	13	9.46	9.56	12	.113
230	03537N3009	COU 876	1968.86	155	3.02	0.25	9.03	12.73	8	8.71	11.78	9	.113
231	03546 S 3118	JSP 50	1986.86	188	1.16	0.24	10.41	10.60	15	10.18	10.19	12	.068
232	03552N4807	HLD 10	1986.86	90	4.22	0.01	9.25	10.75	10	9.06	10.43	10	.113
233	03562N6606	MLR 394	1986.86	138	1.03	0.07	9.97	10.67	10	9.81	10.19	10	.113
234	03565N5528	Σ480	1986.86	326	3.37	0.02	9.06	9.23	10	8.32	8.54	11	.113
235	03567 S 0754	A 466	1986.86	252	3.45	0.07	9.25	12.85	13	8.70	12.27	12	.068
236	03575 S 0717	Σ489	1986.86	197	3.10	0.03	9.43	9.59	16	9.12	9.28	12	.068
237	03592N6124	HU 1074	1986.86	264	4.16	0.09	9.59	11.30	11	9.37	11.12	11	.060
240	04042N4359	ES 1368	1986.86	2	2.65	0.09	8.58	11.15	12	8.40	10.68	12	.113
242	04082N0237	Σ515	1986.86	40	3.20	0.00	8.74	9.04	12	8.45	8.73	15	.057
243	04118N0354	BAL2119	1986.86	249	4.12	0.01	10.01	10.68	12	9.68	10.31	15	.057
244	04131N2104	BU 1234	1986.86	106	1.00	0.11	8.42	10.81	11	8.07	10.91	11	.066
247	04163N0509	A 1836	1986.86	15	1.59	0.11	9.71	9.76	21	9.41	9.48	22	.113
249	04225 S 3456	PRO	1986.86	150	2.34	0.04	10.22	10.40	15	9.74	9.89	13	.068
250	04249N0505	Σ556	1986.86	289	4.39	0.02	10.40	10.63	15	10.02	10.24	14	.113
252	04275N1937	A 2351	1986.86	111	1.94	0.78	9.08	13.76	11	8.39	13.67	11	.066
254	04303N5443	ES 884	1986.86	248	3.29	0.39	9.56	13.18	10	9.44	12.72	10	.060
255	04320N0516	A 1842	1986.86	120	1.59	0.00	10.62	11.04	10	10.27	10.67	10	.066
256	04336N1011	A 2036	1986.86	292	2.73	0.09	10.00	11.65	11	10.10	11.55	12	.113
261	04386 S 0219	A 2802	1986.86	43	3.21	0.06	9.48	12.59	12	9.23	12.30	11	.068
262	04395N0506	Σ589	1986.86	282	4.63	0.00	8.69	8.83	12	8.26	8.39	13	.057
263	04426 S 2152	DON 78	1986.86	241	2.00	0.03	9.37	10.65	13	9.21	10.49	10	.068
264	04435 S 2059	BU 312	1986.86	346	3.36	0.00	8.35	9.67	15	8.31	9.56	13	.068
265	04451N4953	HU 554	1986.86	309	1.79	0.03	9.76	11.50	14	9.61	10.94	10	.060
266	04468N1950	A 2426	1986.86	193	4.06	0.07	9.43	11.34	12	9.01	10.65	16	.057
267	04470 S 0801	BU 748	1986.86	129	1.25	0.02	9.32	9.41	13	9.21	9.34	14	.068
268	04480N6217	ES 1885	1986.86	113	3.69	0.07	10.61	13.31	13	10.35	12.67	12	.060
270	04503 S 3210	HU 1381	1986.86	276	1.86	0.11	9.88	11.50	17	9.73	11.21	14	.068
272	04526N8221	Σ595	1986.86	137	3.67	0.07	9.77	11.68	15	9.70	11.41	11	.060
273	04538N0201	A 2628	1986.86	152	0.74	0.16	10.05	10.31	10	9.85	9.97	11	.066
274	04551N2623	BU 1238	1986.86	20	1.60	0.14	7.49	10.85	9	7.14	10.39	10	.066
275	04570N5146	HU 820	1986.86	214	1.44	0.11	8.89	10.57	11	8.48	10.46	11	.060
276	04572N1312	WEI 5	1986.86	82	4.61	0.01	9.83	9.99	12	9.49	9.65	14	.057
278	04585N6740	HU 1096	1986.86	270	1.20	0.15	9.59	9.88	11	9.46	9.80	11	.060
279	04588N0249	A 2632	1986.86	125	0.92	0.03	9.66	9.69	10	9.56	9.60	9	.066
280	04589 S 3059	DAW 159	1986.86	156	1.52	0.38	9.44	12.47	13	8.98	10.89	12	.066
281	04597 S 2906	DAW 83	1986.86	65	1.26	0.16	9.89	11.06	13	9.40	11.04	14	.068
282	05004N1746	BRT2322	1986.86	2	3.57	0.01	11.06	11.81	11	10.65	11.41	13	.057
283	05011N0249	AG 89	1986.86	178	2.32	0.04	9.87	9.91	11	9.61	9.66	12	.057
284	05022N0219	A 2634	1986.86	353	1.63	0.09	8.63	12.28	12	8.68	11.16	10	.066
285	05025N0816	Σ643	1986.86	123	2.61	0.00	9.43	9.47	9	8.97	8.99	11	.057
286	05032N6120	HU 1098	1986.86	118	0.96	0.12	9.27	9.45	13	9.06	9.39	11	.060
289	05060N5438	A 1304	1986.86	88	1.92	0.04	9.01	9.93	10	8.55	9.60	10	.060
290	05074 S 0309	A 51	1986.86	99	1.44	0.21	9.21	9.29	17	9.28	9.30	13	.068
292	05106N0338	A 2638	1986.86	84	1.07	0.13	9.16	9.41	14	8.97	9.07	13	.068
293	05106 S 1513	A 3013	1986.86	326	3.86	0.00	9.27	12.58	18	9.22	12.37	18	.068
294	05110N3301	HU 613	1986.86	234	2.76	0.12	8.65	12.25	10	8.59	12.07	13	.057

Table 6.

Nr	IDS	Name	t	θ	ρ(″)	d(″)	m_VA	m_VB	s_V	m_RA	m_RB	s_R	SD V
295	05113N4857	HU 823	1986.86	12	4.24	0.01	9.34	11.65	12	9.25	11.51	13	.057
297	05115N2243	HO 334	1986.86	188	2.27	0.08	9.05	10.94	11	8.74	10.50	10	.066
298	05117 S 1155	HU 35	1986.86	64	2.83	0.03	9.99	11.85	15	9.94	11.63	14	.068
299	05124 S 3104	HU 1389	1986.86	122	1.04	0.15	8.99	10.40	13	8.71	9.68	11	.060
300	05130 S 1105	HU 36	1986.86	327	1.44	0.82	9.52	13.30	14	9.40	11.84	13	.066
301	05133 S 1815	λ49	1986.86	188	4.07	0.28	8.89	12.31	13	8.51	11.54	12	.060
303	05140 S 2736	COO 29	1986.86	93	4.08	0.02	9.83	9.93	13	9.20	9.30	13	.060
304	05146 S 2130	DON 101	1986.86	78	5.24	0.24	9.43	12.80	11	8.62	11.60	11	.060
305	05155 S 0624	RST4272	1986.86	84	2.08	0.68	9.95	12.93	12	9.75	14.50	11	.060
306	05158N5328	A 1560	1986.86	215	1.06	0.13	9.51	9.76	11	9.16	9.40	15	.057
307	05176N5702	MLB 61	1986.86	153	0.98	0.01	12.37	13.03	12	13.42	14.09	12	.057
309	05184 S 0400	RST4275	1986.86	178	2.78	0.05	9.77	11.57	14	9.50	11.11	13	.060
310	05204 S 1002	GAL 180	1986.86	253	5.20	0.04	9.51	10.05	13	9.51	9.96	12	.060
311	05210N3440	L 6	1986.86	310	2.72	0.11	8.60	12.11	12	8.42	11.44	10	.057
314	05231N4141	A 1720	1986.86	275	2.14	0.05	9.48	10.51	9	9.45	10.44	11	.057
317	05263 S 0210	Σ731	1986.86	328	4.80	0.08	8.64	9.23	15	8.68	9.24	13	.066
318	05272N1958	A 2434	1986.86	160	3.89	0.07	8.99	10.75	14	8.54	9.96	13	.076
319	05292N5946	A 1308	1986.86	101	5.29	0.18	9.23	13.84	9	8.55	12.91	11	.057
320	05301N0719	J 676	1986.86	284	1.65	0.06	10.07	10.35	11	9.94	10.16	12	.066
321	05302 S 0158	A 2916	1986.86	77	1.43	0.56	9.06	11.57	11	8.99	12.13	13	.066
323	05325 S 0129	BU 89	1986.86	22	0.90	0.00	7.17	9.90	11	7.15	10.68	11	.066
324	05327N1959	BRT2327	1986.86	25	4.58	0.09	10.36	11.44	15	9.91	10.99	20	.076
325	05361N3342	COU1094	1986.86	143	1.15	0.37	10.46	11.28	9	10.18	10.64	10	.057
326	05366N5540	A 1567	1986.86	111	1.29	0.14	9.62	10.52	9	9.58	10.23	12	.113
327	05381N6316	HU 1111	1986.86	103	1.61	1.07	11.28	14.13	12	10.79	12.61	12	.113
328	05382N2711	COU 761	1986.86	120	3.92	0.07	9.81	12.82	17	9.76	12.74	16	.076
329	05389N5746	A 1311	1986.86	165	3.75	0.20	10.45	13.73	12	10.12	13.14	12	.113
330	05393N3340	HJ 708	1986.86	250	8.76	0.05	9.37	11.07	10	9.27	10.90	14	.057
331	05402N1918	COU 576	1986.86	231	1.32	0.06	11.27	12.20	15	11.75	13.02	13	.076
334	05441 S 1844	HJ 3799	1986.86	152	3.85	0.01	9.16	9.28	10	9.13	9.22	13	.057
335	05451N0811	A 2712	1986.86	309	0.76	0.04	9.45	11.68	10	9.38	10.98	11	.066
337	05486 S 0626	A 501	1986.86	303	3.00	0.12	9.56	11.42	17	9.50	11.04	16	.057
338	05504N4237	A 1570	1986.86	32	1.85	0.10	9.93	10.27	15	9.78	10.10	12	.076
340	05534 S 1403	LDS 149	1986.86	232	2.42	0.02	10.64	12.64	14	10.07	11.73	14	.066
341	05538N8412	Σ784	1986.86	198	1.24	0.11	10.47	10.72	16	9.79	10.04	16	.113
342	05550N2926	A 119	1986.86	45	0.91	0.02	8.84	10.48	14	9.31	9.35	15	.066
343	05554N3013	COU 910	1986.86	281	1.24	0.02	10.09	10.39	11	9.83	10.12	13	.066
344	05566 S 0746	A 663	1986.86	325	2.72	0.02	10.04	11.22	14	9.90	11.02	15	.057
345	05575 S 0028	BAL 678	1986.86	323	4.86	0.05	9.43	11.55	14	9.07	10.92	15	.057
348	06006 S 0447	A 2921	1986.86	181	1.81	0.09	8.89	11.46	14	8.88	10.84	11	.066
349	06013N3715	HU 1118	1986.32	180	2.89	0.01	9.68	10.38	16	9.44	10.09	16	.056
350	06017N4243	ES 1628	1986.32	288	3.52	0.02	9.96	11.49	15	9.84	10.83	16	.056
352	06034N2631	COU1101	1986.86	322	9.51	0.19	9.92	14.15	98	9.62	13.24	95	.076
353	06035N5612	A 1318	1986.32	36	3.49	0.01	9.15	11.04	13	8.51	10.36	13	.056
354	06042N3059	COU1102	1986.32	331	2.38	0.01	8.77	12.57	10	8.48	11.87	11	.056
356	06067N2200	COU 273	1986.86	139	1.54	0.11	9.23	11.54	18	8.78	11.08	14	.076
357	06070 S 1648	A 3022	1986.86	3	1.10	0.14	8.89	9.01	13	8.77	9.01	13	.066
359	06114N7357	Σ868	1986.32	46	3.76	0.01	9.65	10.24	17	9.40	9.92	14	.056
360	06129N0747	J 687	1986.86	173	2.08	0.04	10.21	10.31	15	10.22	10.24	15	.066
361	06148N1835	A 2516	1986.86	96	1.78	0.62	9.27	12.36	14	9.10	12.67	14	.076
363	06204N0750	A 2723	1986.86	30	0.95	0.15	9.77	10.55	13	9.56	11.19	11	.076
365	06233N6048	ES 1891	1986.32	194	3.84	0.03	8.89	11.83	13	9.00	11.70	13	.056
367	06253N1008	J 690	1986.86	360	1.74	0.06	9.42	10.69	12	9.46	10.58	11	.076
368	06273 S 2702	B 699	1986.86	307	2.27	0.05	9.69	11.29	15	9.66	11.03	13	.060
370	06306N5223	Σ935	1986.86	324	3.52	0.02	9.06	9.80	15	8.54	9.51	12	.076
372	06345N4407	A 1054	1986.32	139	2.20	0.04	9.94	10.35	16	9.67	10.09	16	.056

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Table 6.

Nr	IDS	Name	t	θ	ρ(″)	d(″)	m_VA	m_VB	s_V	m_RA	m_RB	s_R	SD V
373	06348 S 0518	A 2932	1986.86	259	1.77	0.01	10.08	10.44	13	9.82	10.19	11	.060
375	06358N4142	A 2454	1986.32	260	2.09	0.71	9.79	12.68	14	9.50	13.44	13	.076
376	06359N0221	J 596	1986.86	47	4.36	0.01	10.68	11.11	13	10.65	10.91	14	.076
378	06380N2828	A 511	1986.86	160	1.51	0.12	9.49	10.37	19	9.16	10.15	14	.076
379	06389N0732	J 667	1986.86	71	3.78	0.02	10.10	11.49	15	10.05	11.43	16	.113
380	06406N0330	A 2680	1986.86	153	1.58	0.26	11.17	11.35	13	10.44	10.90	16	.113
381	06406 S 3213	COO 43	1986.86	264	4.77	0.01	9.05	9.97	13	8.72	9.62	13	.060
382	06421 S 2712	B 702	1986.86	217	2.52	0.05	10.18	10.33	13	10.18	10.33	13	.060
383	06432N4352	Σ964	1986.32	186	1.63	0.03	8.90	9.65	12	8.71	9.37	13	.056
385	06458 S 3318	RST2433	1986.86	29	1.57	0.25	10.41	10.48	15	9.76	9.83	18	.057
386	06461N6522	MLR 132	1986.86	220	1.25	0.09	10.73	10.87	12	10.38	10.49	12	.076
387	06465 S 1119	HLD 83	1986.86	163	2.90	0.00	10.00	10.14	13	9.92	10.05	12	.057
388	06490N1357	J 395	1986.86	343	2.14	0.15	10.99	11.14	15	10.92	11.06	14	.113
389	06498 S 1407	Σ990	1986.86	275	3.16	0.02	9.56	10.15	12	9.62	10.19	15	.057
390	06500N6630	HU 834	1986.86	24	1.12	0.12	9.83	10.74	16	9.48	10.48	14	.076
391	06520 S 0521	Σ998	1986.86	210	3.17	0.01	8.61	8.81	12	8.40	8.61	14	.057
392	06529N7249	Σ980	1986.86	192	3.62	0.02	9.15	10.48	14	8.78	10.05	13	.076
393	06531N0649	J 278	1986.86	147	2.41	0.00	9.97	10.40	12	9.98	10.41	13	.057
394	06534 S 0226	BAL 101	1986.86	343	4.48	0.00	9.11	11.83	11	8.51	11.44	12	.057
395	06548N2623	COU 948	1986.86	242	0.93	0.13	10.03	10.37	14	9.36	10.03	12	.076
397	06554 S 1152	HU 111	1986.86	17	2.99	0.01	8.98	9.19	14	9.01	9.24	12	.068
398	06585 S 2011	DON 156	1986.86	155	3.94	0.00	9.54	11.82	16	9.61	11.75	14	.068
399	06589N1559	A 2464	1986.86	44	0.90	0.21	9.09	9.84	13	8.78	10.69	12	.076
400	06596N2617	Σ1014	1986.86	38	2.01	0.02	9.75	9.84	13	9.52	9.55	12	.076
401	07043N5133	HU 618	1986.32	134	1.36	0.07	9.32	10.97	11	9.04	10.50	12	.056
403	07040N6159	ES 1080	1986.32	30	4.47	0.00	10.91	12.35	12	10.53	11.94	11	.054
405	07075 S 0030	Σ1043	1986.86	68	2.41	0.00	9.29	9.32	14	9.26	9.28	15	.060
406	07115N5847	A 1329	1986.32	284	1.20	0.04	9.52	11.68	10	9.34	11.21	10	.066
407	07130 S 1832	B 1969	1986.86	7	2.91	0.01	9.59	9.72	14	9.52	9.66	12	.068
408	07143 S 1848	B 1970	1986.86	55	1.03	0.31	9.62	10.23	17	9.43	10.87	14	.068
409	07155 S 2518	B 717	1986.86	41	2.38	0.10	9.99	12.53	15	10.12	12.00	19	.068
410	07158N0415	Σ1076	1986.86	108	2.89	0.00	9.40	9.53	13	9.39	9.55	13	.060
411	07175 S 2834	B 1058	1986.86	266	3.47	0.13	10.09	13.20	18	10.11	13.05	18	.068
413	07195 S 0425	Σ1085	1986.86	283	3.16	0.11	8.54	9.85	16	8.49	9.71	16	.068
414	07207 S 2049	HJ 3964	1986.86	347	4.50	0.01	9.05	9.56	18	9.03	9.54	19	.068
417	07230 S 0928	A 3048	1986.86	39	1.67	0.13	9.71	10.96	15	9.84	10.88	16	.068
418	07242N3355	A 2125	1986.32	108	4.16	0.01	9.32	12.05	12	9.25	11.72	12	.056
420	07285N2151	HU 707	1986.32	19	2.45	0.04	9.04	10.78	13	8.87	10.46	12	.056
421	07295N5050	HU 622	1986.22	29	2.73	0.05	10.16	10.43	15	8.49	8.63	18	.055
422	07295N3433	KU 30	1986.22	110	3.15	0.06	9.51	9.76	18	9.36	9.74	16	.055
425	07314 S 1934	B 1068	1986.86	355	1.48	0.52	8.87	10.87	19	8.54	10.72	15	.068
426	07315 S 0343	A 533	1986.86	29	1.30	0.15	8.66	9.36	16	8.73	9.44	14	.068
428	07345 S 0827	AG	1986.22	314	2.42	0.22	9.27	9.22	18	8.25	8.92	21	.055
429	07348 S 1627	HLD 89	1986.86	220	2.80	0.15	9.47	10.51	18	8.72	10.22	13	.068
431	07353 S 1741	HU 708	1986.22	274	1.53	0.22	9.80	11.74	14	9.24	12.12	14	.054
434	07383 S 3041	B 1558	1986.86	88	2.27	0.36	11.39	14.25	13	11.27	14.49	12	.060
435	07393N4609	ES 587	1986.32	83	5.14	0.01	9.26	10.85	13	9.09	10.62	13	.056
436	07399 S 1204	HU 51	1986.86	54	1.21	0.24	8.73	10.38	17	8.68	10.23	16	.060
438	07410 S 3330	STN 60	1986.22	195	1.55	0.12	8.88	8.90	15	10.63	10.74	13	.059
439	07436N0211	A 2742	1986.86	225	3.77	0.01	9.02	11.88	14	9.05	11.48	20	.060
440	07437N6303	MLR 135	1986.32	257	1.03	0.85	9.95	12.33	13	9.91	10.56	12	.054
441	07447 S 2710	B 744	1986.22	203	4.67	0.04	9.36	11.07	19	9.38	10.84	17	.059
442	07486N2528	A 2536	1986.22	305	1.06	0.21	10.45	10.58	12	9.44	9.62	10	.066
443	07509N5032	AG 146	1986.22	286	3.15	0.03	9.88	10.65	16	9.30	9.41	22	.055
444	07513N1715	A 2883	1986.22	15	1.10	0.17	10.50	10.67	12	10.28	10.41	11	.066
445	07520N7704	Σ1151	1986.32	221	3.68	0.00	10.01	11.02	11	9.80	10.80	11	.054

Table 6.

Nr	IDS	Name	t	θ	ρ(″)	d(″)	m_VA	m_VB	s_V	m_RA	m_RB	s_R	SD V
446	07570N4100	A 2469	1986.32	46	1.43	0.03	9.71	10.76	12	9.55	10.67	11	.054
447	07574N0142	A 2746	1986.32	280	1.57	0.21	9.36	14.36	12	9.20	12.75	11	.054
448	07582 S 0608	A 1581	1986.86	290	1.25	0.05	9.81	10.26	17	9.47	9.66	13	.060
449	07587 S 1255	Σ1178	1986.22	329	5.07	0.01	9.29	9.38	22	8.92	8.99	17	.059
450	07599 S 3041	B 1577	1986.22	167	4.39	0.10	9.64	12.18	30	9.12	12.10	20	.057
451	08000N5644	A 1334	1986.32	242	5.38	0.03	9.02	12.84	10	8.88	12.38	11	.054
452	08004N4529	ES 591	1986.32	52	1.84	0.00	11.29	11.72	10	10.98	11.39	10	.054
453	08010 S 0029	A 1971	1986.86	100	2.16	0.35	11.98	13.81	17	11.34	13.58	17	.060
455	08019 S 0241	A 544	1986.22	69	2.20	0.26	9.59	10.63	28	9.56	10.71	23	.059
457	08026N3732	HU 849	1986.32	284	1.28	0.04	9.58	9.79	12	9.21	9.41	10	.064
458	08028N3752	HU 850	1986.32	170	0.70	0.32	8.94	9.89	11	8.75	9.45	10	.064
459	08049N3825	HU 1122	1986.32	167	2.78	0.00	9.53	10.85	13	9.29	10.57	12	.064
460	08078 S 3151	B 2170	1986.86	205	7.54	0.15	9.31	14.25	18	9.40	14.20	17	.060
461	08083N3329	HU 624	1986.32	243	1.23	0.17	9.24	11.48	11	8.86	11.39	10	.064
462	08085N4416	BRT 98	1986.32	296	5.31	0.02	9.60	11.64	10	9.33	11.33	10	.054
463	08091N2035	COU 46	1986.32	140	1.65	0.03	10.25	10.99	10	9.89	10.52	10	.054
464	08112N3308	HU 625	1986.32	354	1.76	0.02	9.57	10.92	13	9.45	10.66	11	.064
465	08114N5646	Σ1205	1986.32	168	1.64	0.01	9.61	10.05	11	9.25	9.62	9	.065
466	08126N4111	A 2362	1986.86	90	2.34	0.74	9.05	13.05	14	8.74	14.12	11	.066
467	08131 S 3433	COO 70	1986.22	141	2.37	0.17	9.55	9.86	25	8.90	9.23	22	.057
468	08145N5040	HU 1250	1986.86	161	0.70	0.06	8.84	11.78	9	8.58	10.48	8	.066
469	08152N3634	HU 852	1986.32	0	1.94	0.01	9.98	12.26	9	9.85	11.98	10	.054
470	08192N6327	ES 1900	1986.32	63	3.15	0.10	10.12	13.17	15	9.65	12.82	15	.056
471	08207N1809	COU 953	1986.86	36	0.89	0.05	10.11	10.19	12	9.82	9.84	11	.066
473	08219N3524	HU 715	1986.32	186	2.21	0.90	9.66	12.46	12	9.20	12.16	11	.054
474	08224N5132	Σ1225	1986.32	193	3.66	0.06	9.61	9.68	11	9.59	9.63	11	.054
475	08243 S 2220	I 802	1986.22	251	3.16	0.08	10.81	11.25	24	9.36	9.74	23	.057
477	08281 S 0913	J 2642	1986.22	94	3.76	0.00	10.62	10.75	15	9.94	10.09	15	.059
478	08290N4728	Σ1242	1986.32	173	2.70	0.00	9.85	10.40	10	9.73	10.23	10	.054
479	08311N2336	AG 154	1986.32	2	2.60	0.02	9.47	9.61	9	10.18	10.29	9	.054
480	08318N6946	PRZ	1986.32	231	3.17	0.01	11.52	11.68	15	11.09	11.27	16	.056
482	08336N4127	A 2128	1986.32	115	1.73	0.03	9.34	11.43	10	9.05	11.09	10	.054
484	08344N4413	A 1749	1986.86	90	0.91	0.89	10.31	12.35	14	10.03	12.17	13	.060
486	08357N2608	COU1117	1986.86	214	0.77	0.03	10.76	11.74	12	10.17	12.21	12	.060
487	08361N0711	A 2963	1986.22	181	3.47	0.01	9.61	10.60	14	9.19	10.30	18	.059
488	08368N2625	HO 354	1986.86	187	1.04	0.24	9.40	10.09	13	8.95	9.90	14	.060
492	08388N1617	A 2472	1986.86	83	0.93	0.11	9.19	9.23	14	8.98	9.12	12	.060
493	08401N3851	Σ1259	1986.32	341	5.07	0.02	9.38	10.01	13	9.09	9.73	13	.056
494	08402N2541	HO 251	1986.22	148	3.29	1.09	9.55	11.61	21	9.22	11.81	20	.059
495	08408N0810	J 735	1986.22	336	2.80	0.19	9.71	9.80	25	10.53	10.63	21	.057
496	08410 S 1218	RST3607	1986.22	338	1.78	0.18	9.41	10.26	22	9.06	9.84	20	.057
499	08431N0651	KAM	1986.86	173	2.54	0.03	11.37	13.85	16	10.33	12.78	14	.076
500	08435N3958	Σ1279	1987.43	90	1.30	0.02	9.20	9.32	8	8.85	8.95	8	.057
501	08450 S 2603	HO 356	1987.43	276	1.47	0.09	9.38	9.91	19	9.18	9.72	15	.057
502	08452N1824	BRT2392	1986.22	102	0.95	0.22	8.84	9.18	14	7.96	8.09	14	.057
504	08463 S 2251	HJ 4143	1987.43	131	2.98	0.01	10.14	10.67	18	9.84	10.35	15	.057
505	08482N0535	A 2752	1987.43	231	5.16	0.02	9.14	11.57	38	9.01	11.22	36	.057
506	08491N1659	AG	1987.43	181	1.77	0.03	9.00	9.33	11	8.50	8.85	10	.057
507	08493 S 0531	A 2966	1987.43	151	1.11	0.36	10.53	10.55	12	10.19	10.45	12	.057
508	08500N4326	ES 1390	1987.43	192	1.55	0.03	11.31	11.34	9	11.02	11.05	8	.057
509	08502N4251	A 2133	1987.43	180	1.33	0.00	10.85	11.40	8	10.50	11.12	9	.057
510	08517N1108	A 2968	1987.43	137	1.21	0.05	9.21	9.44	9	8.87	9.28	8	.057
512	08562N5909	ES 1782	1986.32	333	3.61	0.04	9.96	12.32	19	9.68	11.73	15	.058
513	08587N3956	AG 160	1986.32	60	3.91	0.00	9.85	9.93	16	9.48	9.64	15	.058
514	08592N6523	Σ1303	1986.32	281	2.83	0.02	9.18	10.34	15	8.85	10.00	13	.058
515	08596N5102	HU 722	1986.32	239	0.54	0.03	9.01	9.33	9	8.50	9.07	9	.054

Table 6.

Nr	IDS	Name	t	θ	ρ(″)	d(″)	m_VA	m_VB	s_V	m_RA	m_RB	s_R	SD V
516	08597N1053	J 77	1987.44	131	0.98	0.14	10.02	10.25	12	9.56	9.80	11	.039
517	09033N4526	A 1586	1987.43	291	3.12	0.05	10.16	12.66	9	9.79	12.12	9	.042
519	09163N5112	ES 717	1986.32	307	4.38	0.05	9.62	12.86	11	9.17	12.13	10	.054
520	09172N4507	A 1759	1986.32	252	1.19	0.14	9.81	10.14	15	9.35	10.06	15	.058
521	09172N3934	Σ1344	1986.32	105	3.81	0.01	9.04	9.54	12	8.78	9.29	11	.056
522	09174 S 2017	B 775	1987.43	300	2.55	0.07	9.55	12.67	13	8.71	12.14	14	.039
523	09176N1436	HU 868	1986.32	58	3.95	0.07	9.64	12.73	11	9.18	11.76	11	.056
524	09178N1033	J 386	1986.32	37	0.80	0.30	10.27	10.31	11	9.73	9.90	11	.056
525	09221N1611	Σ1353	1986.32	308	3.26	0.06	9.75	9.83	15	9.34	9.41	16	.070
527	09231N1238	HU 871	1986.32	142	1.34	0.18	9.34	11.10	12	8.96	11.42	11	.056
528	09258 S 2715	B 182	1987.44	206	1.02	0.27	9.39	9.47	12	8.69	8.91	13	.039
529	09265 S 1303	KUI 41	1987.43	29	0.67	0.23	10.50	11.89	11	10.00	10.67	10	.039
531	09353N6043	HU 229	1986.32	249	1.12	0.05	10.04	10.83	17	9.82	10.40	16	.058
532	09355N4949	ES 600	1986.32	66	4.44	0.10	9.50	13.01	12	9.18	12.37	10	.054
533	09375N0618	A 2760	1987.44	227	0.89	0.13	9.55	10.59	12	9.32	9.93	11	.039
534	09382N4114	A 2053	1986.32	256	1.14	0.26	9.48	10.21	13	9.02	9.84	12	.058
536	09390N4137	A 2138	1987.43	231	14.78	0.05	8.47	11.18	41	8.55	11.11	87	.042
537	09402 S 2910	RST 427	1986.32	139	1.19	0.10	9.33	11.46	13	8.92	10.94	10	.061
538	09410N5125	HU 630	1986.32	73	2.23	0.00	9.44	9.58	15	9.04	9.26	14	.058
539	09438N5840	KR 33	1986.32	216	2.09	0.07	9.92	10.03	17	9.51	9.59	17	.058
540	09449N0216	A 2560	1986.32	29	1.25	0.09	8.83	9.67	16	8.62	9.29	16	.061
543	09469N0317	A 2561	1986.32	301	0.95	0.07	8.56	10.12	11	8.43	9.06	11	.056
544	09470N3948	A 2140	1987.43	67	1.00	0.01	9.86	11.04	8	9.28	10.71	9	.057
545	09503N0835	AG 170	1987.43	42	1.68	0.03	9.37	9.49	13	9.13	9.24	12	.057
546	09509N4623	Σ1394	1987.43	249	4.37	0.01	8.85	9.67	13	8.49	9.24	11	.039
547	09535 S 2955	B 1138	1987.43	315	4.27	0.02	9.88	12.55	13	9.20	12.14	13	.057
548	09558N5011	HU 725	1986.32	175	1.53	0.79	9.43	13.09	12	9.15	13.72	11	.056
549	09567N2650	COU1125	1987.43	252	2.73	0.00	11.64	12.40	11	11.15	11.82	11	.057
550	09575 S 1917	B 781	1987.43	344	2.37	0.04	10.34	10.82	17	10.10	10.50	19	.056
551	09576N0811	Σ1403	1987.43	335	2.89	0.04	9.65	10.89	20	9.36	10.43	15	.056
552	10017N6456	Σ1407	1987.43	51	4.83	0.01	10.17	10.59	12	10.09	10.50	12	.039
553	10018 S 0114	HDO 125	1987.43	188	2.65	0.01	10.53	10.61	13	9.36	9.42	11	.056
554	10024N0651	WEI 23	1987.43	314	3.38	0.00	10.08	10.55	14	9.59	10.07	14	.056
558	10055N1906	COU 287	1987.43	93	1.26	0.04	10.53	10.54	8	10.07	10.10	10	.057
560	10075N3958	Σ1414	1987.43	94	4.00	0.00	10.43	11.21	14	10.12	10.84	15	.039
561	10076 S 2646	B 195	1986.32	291	1.08	0.12	8.90	9.83	15	8.51	9.25	13	.061
562	10097N0013	A 2566	1987.43	91	1.65	0.06	9.33	10.54	12	9.02	10.08	12	.056
565	10104N4032	A 2147	1986.22	265	1.02	0.19	10.19	10.57	12	9.72	10.41	12	.039
566	10118N1037	Σ1419	1987.43	225	4.41	0.02	8.92	9.87	13	8.86	9.72	14	.039
567	10118 S 0916	A 2981	1987.43	175	2.29	0.00	9.94	11.61	9	9.50	11.03	10	.042
569	10154N4639	Σ1425	1986.32	358	4.79	0.01	9.76	10.52	21	9.61	10.33	18	.058
570	10167N1256	BU 1321	1987.43	131	2.03	0.04	9.57	12.51	8	9.32	11.99	10	.042
571	10170 S 3451	JSP 389	1987.43	172	2.95	0.00	9.96	11.05	14	9.46	10.45	14	.056
572	10171N4913	ES 917	1986.32	144	2.00	0.18	10.36	11.19	21	10.12	10.79	22	.058
574	10185N0051	J 1010	1987.43	308	3.94	0.02	9.65	11.77	14	9.35	11.39	13	.056
575	10195N2508	Σ1429	1986.32	289	1.44	0.24	7.76	7.82	15	7.70	7.73	14	.054
576	10197N3717	HU 877	1987.43	252	1.73	0.01	9.10	10.45	8	8.85	10.15	8	.057
577	10202N6121	HU 1131	1986.32	197	0.89	0.02	9.67	11.45	11	9.25	11.07	10	.054
578	10214N3214	A 2151	1987.43	81	1.14	0.02	10.57	10.94	8	10.18	10.51	8	.057
579	10227N2605	COU 777	1987.43	35	1.38	0.12	10.13	12.37	9	9.81	11.96	10	.057
580	10234N4304	ES 1395	1986.32	80	4.39	0.00	9.44	11.92	11	9.19	11.47	12	.054
581	10240 S 0411	RST4456	1987.43	336	0.92	0.04	9.55	9.73	10	9.01	9.65	9	.057
582	10242N4603	ES 1150	1986.32	272	1.61	0.26	10.52	11.19	20	10.23	10.77	20	.058
583	10246N3156	A 2153	1987.43	188	3.03	0.00	9.94	11.84	10	9.63	11.45	9	.057
584	10254N3738	HU 880	1986.32	142	0.81	0.02	9.89	10.57	10	9.55	10.25	10	.054
585	10266N3321	HU 636	1987.43	207	1.79	0.01	10.24	11.43	9	9.95	11.12	9	.057

Table 6.

Nr	IDS	Name	t	θ	ρ(″)	d(″)	m_VA	m_VB	s_V	m_RA	m_RB	s_R	SD V
586	10272N3554	HU 881	1987.43	138	4.38	0.03	8.83	12.39	11	8.28	11.99	8	.057
588	10276 S 0021	Σ1445	1987.43	158	2.93	0.05	9.17	10.90	11	8.86	10.45	9	.057
589	10307 S 0405	RST4461	1987.43	114	1.51	0.07	9.90	12.56	9	9.49	11.84	9	.042
590	10310N0112	J 84	1986.32	214	0.72	0.28	8.94	10.04	10	8.95	9.24	10	.056
592	10341 S 0522	A 66	1986.22	331	0.90	0.20	9.35	9.51	10	9.22	9.22	9	.057
593	10356N1739	COU 174	1987.43	188	2.12	0.01	11.72	12.64	9	11.45	12.29	9	.057
594	10368N4335	ES 1246	1986.32	56	3.33	0.01	10.60	11.47	18	10.26	11.12	17	.058
595	10373N0712	LDS2877	1987.43	274	5.58	0.01	9.69	11.37	10	9.36	10.84	10	.057
598	10392N2114	Σ1468	1987.43	334	4.15	0.01	9.58	9.61	9	9.24	9.28	9	.057
601	10439N4020	A 2155	1987.43	127	0.82	0.30	9.90	9.95	12	8.92	10.22	12	.039
602	10442N1702	A 2370	1987.43	332	2.75	0.02	9.35	11.05	16	9.41	10.74	15	.056
603	10449N8020	Σ1471	1987.43	184	2.07	0.04	10.58	10.66	11	10.21	10.28	11	.039
605	10468N5814	A 1352	1986.32	246	1.15	0.14	9.79	10.38	15	9.25	10.31	15	.070
606	10506 S 3045	OL 43	1987.43	93	1.90	0.03	9.76	10.41	14	9.42	10.06	14	.056
607	10521N8346	Σ1479	1987.43	25	4.51	0.08	9.02	9.93	11	8.68	9.58	19	.039
608	10542N2559	AG	1987.43	106	5.18	0.00	8.40	8.96	12	7.78	8.24	14	.039
609	10554N0330	AG 173	1986.22	126	2.18	0.04	10.73	11.27	16	9.43	10.11	17	.057
610	10568N3122	Σ1501	1987.43	187	1.46	0.04	9.81	10.10	13	9.42	9.69	10	.039
611	10579N2216	COU 175	1987.43	278	1.24	0.06	10.17	11.08	16	9.77	10.89	17	.056
612	10590N3232	COU 962	1987.43	243	2.38	0.04	10.77	12.46	11	10.28	12.09	10	.039
613	11004 S 0554	A 69	1987.43	66	1.45	0.05	9.42	10.41	14	9.07	9.89	13	.056
614	11010 S 0008	A 2573	1987.43	109	3.22	0.01	9.77	11.48	15	9.45	11.07	14	.056
615	11012N1449	HU 885	1987.43	266	2.06	0.01	9.26	10.84	8	8.54	9.89	8	.026
616	11040 S 3420	DAW 133	1987.43	217	0.88	0.25	10.08	10.59	12	9.09	10.34	13	.056
617	11053N3142	HJ 2562	1987.43	254	1.15	0.09	10.25	11.20	11	9.61	10.50	11	.039
619	1107.N2911	COU 389	1987.43	174	1.00	0.10	10.78	12.15	12	10.41	11.45	11	.039
620	11097N6019	Σ1519	1986.32	279	1.44	0.11	9.21	9.76	14	8.78	9.58	15	.070
622	11110N0208	Σ1522	1987.43	177	2.53	0.01	9.03	11.03	8	8.56	10.43	9	.026
624	11119N4219	A 2158	1986.32	257	0.87	0.90	8.53	10.66	10	7.87	10.53	12	.054
625	11120N3501	ES 305	1987.43	32	3.80	0.01	10.03	11.31	13	9.68	10.87	12	.039
626	11139N4801	Σ1525	1987.43	175	2.23	0.00	9.78	9.89	10	9.38	9.47	9	.026
627	11145N0725	BU 791	1987.43	205	2.01	0.05	9.63	11.27	13	9.36	10.59	16	.056
628	11171N6516	AG 174	1986.32	102	2.13	0.01	10.40	10.76	16	10.16	10.45	16	.070
629	11178N2040	BRT2411	1987.43	316	3.09	0.06	10.55	11.14	16	10.21	10.81	14	.056
630	11193N0228	A 2574	1987.43	67	1.83	0.20	9.18	11.15	15	8.48	11.10	12	.056
632	11230 S 2757	B 214	1987.43	334	1.61	0.05	9.38	11.20	11	8.91	10.70	12	.056
634	11244N3335	COU 782	1986.32	50	0.96	0.04	10.37	10.48	10	9.98	10.06	10	.054
635	11249N3907	ES 1643	1987.43	60	6.73	0.00	10.65	13.59	72	10.25	13.18	71	.039
636	11278N5001	HU 727	1987.43	205	1.22	0.00	9.84	9.93	8	9.43	9.55	8	.026
637	11292N2819	HJ 2577	1987.43	185	4.45	0.01	9.11	11.86	12	8.84	11.40	12	.039
638	11299 S 3153	I 1213	1987.43	157	1.47	0.14	9.31	11.36	12	9.05	10.31	12	.056
640	11319N4801	KU 39	1986.22	88	1.47	0.06	9.60	9.83	14	8.44	8.58	13	.026
641	11332 S 1822	B 2535	1987.43	312	2.10	0.09	9.34	12.73	12	8.69	12.58	12	.056
643	11346N2844	A 560	1987.43	359	4.97	0.02	9.04	12.53	13	8.75	12.05	10	.039
645	11366N0326	BU 792	1987.43	206	2.04	0.06	8.93	11.03	13	8.35	10.51	13	.056
647	11374N6455	Σ1567	1987.43	84	3.52	0.01	9.33	10.47	11	9.11	10.18	10	.039
648	11386N1905	BRT2412	1987.43	293	4.87	0.02	10.05	10.28	12	9.42	9.62	11	.039
649	11390N3934	Σ1569	1987.43	323	3.73	0.01	8.68	10.68	11	8.48	10.43	10	.039
650	11396 S 0357	RST4484	1986.32	74	0.78	0.24	7.98	9.13	13	8.02	8.29	11	.056
651	11408N1156	J 1017	1987.43	62	0.71	0.06	9.98	10.39	11	9.64	10.20	11	.056
652	11414N6023	KR 40	1987.43	274	3.27	0.00	9.84	10.50	11	9.51	10.12	10	.039
654	11437N3415	KU 40	1986.32	184	2.92	0.00	10.13	10.76	17	9.96	10.55	16	.058
656	11453N3616	COU 964	1987.43	62	1.41	0.02	9.97	10.78	7	9.38	10.08	7	.026
657	11458N3727	HU 889	1986.32	291	0.91	0.04	9.23	10.36	10	8.56	10.20	11	.054
658	11464 S 0420	RST4485	1987.43	242	1.90	0.27	9.87	13.13	12	9.54	12.83	10	.056
660	11472 S 2616	RST1619	1987.43	46	1.16	0.27	9.20	10.70	13	8.92	10.37	15	.056

Table 6.

Nr	IDS	Name	t	θ	ρ(″)	d(″)	m_VA	m_VB	s_V	m_RA	m_RB	s_R	SD V
662	11493N1549	WOR 20	1986.32	299	1.43	0.05	11.12	11.32	16	10.32	10.44	14	.061
663	11496 S 3134	I 1215	1986.32	215	0.99	0.18	9.57	10.71	15	9.12	10.56	13	.056
664	11501N1717	COU 51	1986.32	149	1.24	0.09	11.66	11.67	17	11.07	11.49	17	.061
665	11504N1727	KU 41	1986.22	66	5.01	0.28	10.21	10.43	22	9.74	9.88	44	.056
666	11509N4606	Σ1581	1987.43	172	2.42	0.04	9.69	10.47	9	9.26	9.98	8	.026
667	11523N1856	A 2486	1986.32	245	1.11	0.33	9.94	10.73	13	9.39	11.05	12	.054
668	11525N1816	COU 296	1986.32	241	1.46	0.10	10.46	11.50	15	10.21	11.80	16	.061
670	11553 S 0008	A 2580	1987.43	153	4.69	0.08	9.22	12.36	16	8.92	11.70	14	.056
671	11555N4411	Σ1589	1987.43	159	2.23	0.01	10.10	10.36	9	9.64	9.91	9	.026
673	11562N1153	HU 890	1987.43	69	1.51	0.03	10.09	11.02	11	9.77	10.82	10	.056
675	11572N2121	A 2164	1984.32	72	1.22	0.35	10.16	10.67	18	9.75	10.56	15	.061
676	11574N2218	HO 535	1986.32	149	2.82	0.59	8.62	11.17	18	8.28	11.27	17	.061
677	11581N1742	COU 177	1986.32	294	1.80	0.10	11.68	11.87	16	11.36	11.60	15	.061
682	12024N3946	BAR	1987.43	136	1.39	0.01	9.48	12.01	8	8.94	11.17	8	.026
683	12071N6910	Σ1611	1986.56	3	1.78	0.04	9.12	10.78	15	8.94	10.35	14	.061
684	12075N3619	Σ1613	1987.43	13	1.20	0.02	9.25	9.27	9	8.83	8.85	9	.026
686	12087N2151	HU 570	1986.32	111	2.53	0.09	9.10	11.54	16	8.80	10.80	18	.058
687	12090N3728	ES 1739	1986.32	294	4.95	0.03	10.68	12.62	17	10.32	11.98	15	.056
688	12098N2021	COU 178	1986.32	307	1.40	0.49	9.40	12.72	14	9.15	12.25	12	.058
690	12103 S 2704	B 223	1986.32	12	1.40	0.16	9.04	12.15	12	8.84	12.10	11	.058
692	12117N3037	AG 176	1986.56	182	2.48	0.04	10.13	10.24	15	9.64	9.75	17	.061
693	12122 S 2030	DON 520	1986.32	26	1.79	0.13	9.68	10.99	18	9.11	10.20	14	.058
694	12124 S 3241	JSP 525	1986.32	159	6.67	1.16	12.09	14.98	14	9.12	14.40	14	.061
695	12128 S 1423	RST3783	1987.43	150	10.39	0.07	8.88	14.02	12	8.49	13.41	14	.056
696	12140N5655	Σ1630	1986.32	170	2.53	0.01	9.50	10.18	14	9.22	9.82	14	.056
697	12144N6654	MLR 150	1986.32	230	1.10	0.10	12.85	15.16	13	10.14	11.38	15	.056
698	12153N0108	RST5366	1986.32	178	1.07	0.29	10.35	11.96	11	9.25	11.01	11	.056
699	12157N3533	HO 536	1987.43	97	3.73	0.01	9.46	11.19	8	8.73	10.53	8	.026
700	12195 S 1931	B 1716	1986.32	38	0.72	0.06	9.35	10.08	11	8.98	9.35	10	.056
702	12222N2735	Σ1643	1987.43	12	2.57	0.04	8.75	9.21	12	8.16	8.53	11	.039
703	12235 S 2633	B 229	1987.43	282	1.20	0.07	9.44	11.75	11	9.01	11.28	10	.039
705	12260N0240	AG 178	1987.43	283	1.39	0.05	9.77	9.94	9	9.53	9.64	11	.039
708	12317N2411	A 562	1987.43	9	3.55	0.07	8.89	12.69	13	8.59	11.95	13	.039
709	12369N3016	COU 967	1986.32	239	1.42	0.26	10.35	11.72	15	10.12	11.57	15	.061
711	12378N3422	Σ1672	1986.32	312	4.30	0.00	8.90	10.12	16	8.64	9.89	15	.061
713	12399N2603	COU 393	1986.32	187	3.39	0.06	10.93	12.88	18	10.69	12.50	18	.061
714	12402N4358	A 1783	1986.32	216	1.83	0.01	10.15	10.36	12	9.68	9.87	12	.061
715	12411N2412	COU 394	1986.32	74	1.23	0.24	14.19	14.33	15	11.81	12.22	16	.061
717	12424N3429	AG 181	1986.32	340	2.18	0.04	10.55	11.12	15	10.28	10.77	15	.061
718	12432N3453	AG 182	1986.32	191	2.27	0.08	9.83	11.51	17	9.20	11.08	14	.061
719	12443N2219	Σ1680	1987.43	337	2.94	0.01	9.50	11.03	12	9.17	10.58	11	.039
720	12456N3919	HU 1139	1986.32	285	4.77	0.00	9.69	11.87	16	9.19	11.46	10	.061
721	12466N2747	ES 439	1987.43	67	2.13	0.00	9.63	10.51	10	9.39	10.24	9	.057
722	12483N1343	HU 894	1986.32	147	1.17	0.02	9.73	9.80	13	9.49	9.55	13	.058
724	12516N2134	HO 538	1987.43	104	2.13	0.04	9.40	12.46	10	9.02	11.66	9	.057
725	12526N3055	Σ1696	1987.43	204	3.60	0.01	9.29	9.38	11	9.04	9.14	10	.057
726	12543 S 1101	RST3817	1987.43	141	1.56	0.08	9.55	11.88	10	9.06	11.32	11	.039
727	12549 S 2635	I 912	1987.43	118	2.70	0.05	9.98	10.25	11	9.55	9.81	13	.039
729	12575N1606	BAR 6	1986.32	42	2.94	0.01	10.43	10.65	16	10.12	10.33	12	.070
730	12588N8329	Σ1720	1986.32	328	1.67	0.12	8.94	9.23	16	8.87	9.24	17	.058
731	12588N2411	Σ1714	1987.43	308	3.13	0.01	10.17	10.30	12	9.82	9.98	12	.039
732	13006N5627	WOR 23	1986.32	150	1.55	0.03	11.06	12.38	14	10.18	11.48	14	.061
733	13008N0936	A 1785	1987.43	122	2.24	0.01	9.57	10.98	12	9.18	10.35	11	.039
734	13010N2646	HO 257	1987.43	156	1.99	0.01	10.30	10.71	11	9.94	10.30	10	.057
735	13014N2116	HU 739	1987.43	245	0.77	0.14	9.87	10.41	8	9.06	9.58	8	.057
736	13020N1449	HU 1144	1987.43	12	1.48	0.03	10.00	11.70	11	9.51	11.30	10	.057

Table 6.

Nr	IDS	Name	t	θ	$\rho('')$	d('')	m_VA	m_VB	s_V	m_RA	m_RB	s_R	SD V
738	13028N0152	BRF	1986.32	36	1.34	0.12	10.05	10.72	15	9.87	10.85	15	.070
740	13032N2357	COU	1987.43	78	3.85	0.01	10.23	11.56	10	9.82	11.03	10	.039
742	13054 S 2140	HU 1145	1986.32	178	1.27	0.07	9.97	10.70	18	9.71	10.17	16	.058
743	13076N2121	COU 55	1987.43	127	2.27	0.01	9.82	11.93	12	9.46	11.55	12	.057
744	13077N2327	HU 573	1987.43	183	3.72	0.01	9.80	12.06	12	9.45	11.73	11	.057
745	13083N4102	A 1606	1987.43	204	1.31	0.07	9.47	9.54	11	9.18	9.24	12	.057
746	13088 S 1602	RST3827	1986.32	264	1.32	0.12	8.91	9.08	13	8.40	8.62	14	.054
747	13118N0243	AG 186	1987.43	307	3.73	0.01	9.44	10.57	14	9.11	10.12	12	.057
748	13124N5106	STT 263	1986.32	135	1.84	0.01	9.42	9.74	17	9.18	9.46	17	.058
751	13139N4816	VBS	1986.32	94	1.61	0.03	10.67	11.38	13	10.43	11.05	12	.061
752	13168N0621	Σ1735	1987.43	110	4.05	0.00	9.79	10.03	13	9.47	9.71	14	.057
753	13175N2741	A 565	1987.43	28	0.81	0.25	9.81	9.86	13	8.65	9.93	12	.057
754	13207N4443	ES 1548	1986.32	5	1.39	0.03	11.09	11.49	13	10.68	11.02	12	.061
756	13216N3540	A 1855	1987.43	293	3.51	0.01	9.57	10.94	12	9.23	10.48	10	.057
757	13244N2944	COU 598	1987.43	177	1.68	0.00	11.35	11.49	10	11.09	11.22	11	.057
758	13266N2504	COU 299	1987.43	52	3.20	0.01	10.47	12.75	13	10.06	12.24	12	.057
760	13279N1421	A 1791	1987.43	359	3.35	0.02	10.15	12.29	12	9.86	11.88	13	.057
762	13293 S 2925	DAW 107	1987.43	82	2.21	0.00	9.42	9.58	9	8.98	9.12	9	.039
763	13297N4348	ES 1549	1986.32	299	6.89	0.01	10.32	11.90	16	9.89	11.64	15	.058
765	13316N5010	AG 190	1986.32	12	2.66	0.01	9.42	9.72	13	8.99	9.47	13	.058
767	13338N4839	ES 608	1986.32	308	2.27	0.00	10.11	11.12	15	9.24	10.13	14	.058
769	13454 S 2655	B 256	1986.32	139	1.31	0.08	10.41	11.66	13	9.84	11.59	12	.056
770	13478N2614	A 568	1987.43	322	2.55	0.02	10.46	11.29	13	9.81	10.62	11	.057
771	13493N7842	MLR 333	1986.32	133	1.34	0.04	10.02	10.10	13	9.58	9.65	10	.061
773	13509N3357	ES 2474	1986.32	332	2.94	0.00	10.69	12.40	15	10.26	11.87	14	.058
774	13519N3656	HU 1147	1986.32	68	4.96	0.01	9.24	12.10	12	8.91	11.44	12	.064
775	13522N1256	Σ1792	1987.43	292	2.11	0.03	9.84	10.63	11	9.48	10.32	11	.039
776	13527N3455	BU 937	1987.43	129	1.03	0.16	8.99	9.31	12	8.64	9.03	12	.061
777	13539N1740	COU 58	1987.43	4	1.39	0.05	10.20	11.69	12	9.77	11.14	10	.039
779	13551N2022	Σ1794	1987.43	127	1.92	0.00	9.35	9.58	12	9.06	9.27	11	.039
782	13571N1559	ALD 11?	1986.32	181	1.61	0.09	11.38	11.45	16	10.37	10.42	15	.056
784	13585N4649	SWI	1986.32	22	3.70	0.06	9.84	9.99	14	8.87	8.99	15	.058
785	13586N5921	ES 1792	1986.32	166	3.21	0.06	9.87	11.78	16	9.63	11.37	16	.058
786	13586N1809	A 2064	1987.43	169	1.15	0.12	9.43	11.39	13	9.16	10.88	12	.039
787	13587N2438	COU 302	1987.43	160	0.62	0.12	10.51	10.78	8	9.53	11.29	9	.057
788	13587N0312	AG 192	1987.43	9	3.05	0.01	10.42	10.92	17	9.89	10.29	15	.057
789	14013N0343	A 2170	1986.32	275	2.10	0.19	10.48	12.85	17	9.78	12.00	14	.061
790	14013 S 0220	RST4523	1987.43	72	0.48	0.03	10.34	10.45	8	10.13	10.24	8	.057
791	14018 S 3136	COO	1987.43	250	4.37	0.04	10.32	10.63	16	9.91	10.11	15	.057
792	14028N2535	A 2384	1987.43	122	1.09	0.03	10.72	11.22	14	10.39	10.96	13	.056
794	14049N0850	A 1098	1987.43	267	3.69	0.00	9.39	11.04	16	8.69	10.48	14	.057
795	14049N0429	Σ1805	1987.43	34	4.75	0.00	8.83	9.08	10	8.54	8.77	9	.039
796	14050N4636	Σ1809	1987.43	196	4.29	0.01	9.33	11.66	14	9.03	11.26	12	.039
797	14060 S 2926	B 268	1987.43	88	2.25	0.00	9.80	12.28	9	9.37	11.57	9	.039
799	14069N3656	HU 1264	1987.43	1	1.34	0.00	10.38	11.77	9	10.08	11.36	9	.057
801	14119 S 1717	HU 475	1987.43	120	4.58	0.05	9.35	12.51	13	8.97	11.77	11	.056
802	14124N2439	Σ1828	1987.43	160	2.04	0.01	10.28	10.48	9	9.85	10.05	9	.026
803	14125N5315	A 1616	1986.32	90	1.57	0.03	10.12	10.50	11	9.76	10.09	11	.061
804	14142N3440	HU 901	1987.43	26	1.03	0.18	9.28	9.37	14	8.90	9.32	15	.042
805	14158N1237	HO 541	1986.32	80	2.45	0.28	10.70	11.74	20	10.49	11.73	19	.070
806	14170N3118	COU 482	1987.43	116	0.65	0.09	9.68	10.15	9	9.43	9.67	9	.042
807	14171N2631	COU 403	1987.43	37	4.01	0.04	10.60	12.21	17	10.16	11.51	15	.056
808	14176N0107	J 439	1987.43	239	3.83	0.07	10.53	12.15	12	9.96	11.67	13	.056
809	14180N1011	A 1103	1987.43	205	4.68	0.01	9.80	10.80	16	9.59	10.48	13	.056
810	14181N7715	Σ1844	1986.32	208	1.88	0.01	9.87	10.91	13	9.41	10.39	12	.058
811	14182N0757	A 1104	1987.43	249	0.76	0.11	9.48	9.64	7	8.96	9.11	7	.026

Table 6.

Nr	IDS	Name	t	θ	$\rho('')$	d($''$)	m_VA	m_VB	s_V	m_RA	m_RB	s_R	SD V
813	14190N2036	COU 184	1987.43	286	0.99	0.04	10.86	10.93	10	10.53	10.56	11	.042
814	14202N7709	Σ1849	1986.32	4	1.08	0.05	9.67	10.12	13	9.42	9.78	13	.058
815	14220N0408	Σ1842	1987.43	19	2.73	0.00	9.07	9.16	17	8.74	8.83	18	.056
816	14230N2104	HO 542	1987.43	229	0.95	0.02	10.20	10.21	7	9.69	9.71	8	.026
818	14267N2827	COU 404	1986.22	174	1.26	0.17	9.53	12.03	10	9.23	12.11	10	.042
819	14267N0217	AG 195	1987.43	338	1.85	0.03	10.17	10.24	15	10.02	10.11	13	.056
820	14271 S 1234	HU 140	1987.43	196	1.28	0.02	9.42	10.13	9	8.88	9.63	9	.026
822	14296N3016	AGC 6	1987.43	136	0.84	0.06	9.18	9.46	12	8.58	8.80	10	.026
823	14316N1951	Σ3087	1987.43	43	2.24	0.00	10.53	10.57	14	10.16	10.17	14	.056
824	14342 S 2734	B 275	1987.43	310	2.62	0.01	9.80	11.84	15	9.35	11.06	12	.056
825	14355N1231	HWE 34	1987.43	15	2.59	0.05	10.18	10.44	14	9.87	10.16	16	.056
826	14359N2614	COU 406	1987.43	13	2.22	1.04	8.93	12.27	15	8.90	10.25	16	.056
827	14362N3356	COU 789	1987.43	228	0.92	0.03	11.42	12.26	8	10.89	11.76	8	.026
828	14396N3810	Σ1875	1987.43	129	3.07	0.01	10.23	10.34	14	9.78	9.88	12	.056
829	14408N0410	BAL2864	1987.43	275	3.84	0.00	10.81	11.79	14	10.47	11.45	13	.056
830	14411 S 2821	B 279	1987.43	38	4.88	0.02	9.88	10.78	13	9.43	10.33	13	.056
832	14478N1822	A 2071	1987.43	270	1.25	0.02	9.25	9.85	8	8.89	9.57	8	.042
833	14500N5928	Σ1892	1987.43	238	3.01	0.02	9.61	10.29	11	9.29	9.91	12	.056
834	14521 S 3105	PRO 118	1987.43	49	3.51	0.07	9.40	10.98	14	9.12	10.58	14	.056
835	14542 S 1524	HU 1154	1987.43	326	2.89	0.16	9.51	12.76	13	9.29	11.97	15	.056
836	14552 S 2914	B 285	1987.43	25	3.49	0.17	9.53	13.14	11	9.10	12.89	12	.056
837	14560 S 0342	A 14	1987.43	81	3.14	0.01	9.16	11.31	13	8.55	10.93	11	.056
838	14572N1530	HU 1155	1987.43	16	3.90	0.02	9.81	10.98	21	9.50	10.70	16	.056
839	14575 S 3458	B 2029	1987.43	155	3.09	0.01	9.72	12.53	13	9.25	11.91	13	.056
841	15019 S 3249	I 1266	1987.43	63	2.59	0.36	9.33	12.11	15	8.89	11.71	13	.056
842	15029N1.21	Σ1911	1987.43	293	1.97	0.03	9.92	10.37	9	9.63	10.04	9	.042
843	15036 S 0612	A 81	1987.43	49	0.67	0.06	9.50	9.71	8	9.16	9.50	8	.042
844	15044N5119	ES 774	1986.32	231	3.33	0.02	10.42	10.66	17	10.00	10.23	15	.070
845	15044 S 2805	HJ 4740	1987.43	12	3.69	0.07	10.25	11.05	12	9.72	10.47	11	.056
846	15076 S 1953	HU 1158	1987.43	268	0.64	0.07	9.75	10.48	9	9.20	10.76	10	.042
847	15079N1545	Σ1917	1987.43	234	2.42	0.00	9.69	9.86	8	9.37	9.52	9	.042
848	15095 S 0417	A 15	1987.43	289	5.00	0.03	9.34	10.84	15	8.99	10.51	15	.056
849	15100 S 0231	RST4535	1987.43	180	0.96	0.05	10.61	11.74	9	10.39	11.35	9	.042
850	15112N5258	HU 145	1986.32	130	2.04	0.08	10.04	11.73	15	9.90	11.54	14	.070
852	15159N5355	ES 740	1986.32	38	3.43	0.02	9.77	11.14	17	9.51	10.77	16	.070
853	15165N2126	HU 146	1987.43	129	0.75	0.32	8.54	8.66	11	8.18	8.46	12	.042
854	15171 S 0657	RST3916	1987.43	250	0.64	0.18	9.87	10.03	7	8.77	10.91	8	.042
855	15176N5331	HU 147	1986.32	278	0.98	0.10	10.10	10.81	12	10.36	10.60	11	.061
856	15180 S 0225	BAL 237	1987.43	142	3.20	0.06	11.19	11.35	17	10.78	10.92	16	.056
857	15190 S 2300	I 1269	1986.56	194	1.16	0.04	8.80	9.27	16	8.49	9.09	15	.058
858	15191 S 1041	RST3918	1987.43	76	3.99	0.00	9.98	11.74	13	9.60	11.21	13	.056
860	15198N5538	HU 148	1986.32	222	1.54	0.30	9.45	10.33	17	9.04	10.14	17	.070
861	15202 S 1522	HU 308	1986.32	289	0.93	0.15	10.59	11.09	11	10.19	10.66	12	.056
862	15215N2659	Σ1941	1987.43	218	1.42	0.03	9.59	9.66	10	9.30	9.37	10	.042
863	15226 S 3057	I 539	1987.43	184	2.18	0.04	9.63	10.00	12	9.10	9.55	13	.056
865	15229 S 3228	JSP 659	1987.43	14	2.61	0.02	10.68	10.70	12	10.24	10.27	11	.056
866	15239N0740	J 443	1987.43	240	4.68	0.05	9.78	12.43	14	9.47	11.89	12	.056
867	15242 S 3158	B 1294	1986.32	27	1.54	0.11	9.53	9.86	14	9.04	9.29	14	.061
868	15249 S 0913	RST3921	1987.43	185	2.14	0.01	9.69	12.33	9	9.32	11.84	11	.042
869	15255 S 0725	RST4543	1986.32	307	1.09	0.16	10.31	10.69	15	9.76	10.19	15	.058
870	15264N7449	A 1121	1986.32	72	2.80	0.05	9.56	12.59	17	8.91	11.48	19	.070
872	15271N2132	BRT2420	1987.43	319	8.65	0.02	11.84	11.89	59	11.20	11.47	93	.056
874	15301 S 3015	B 294	1986.32	210	1.80	0.13	9.85	12.23	15	9.36	11.24	14	.058
875	15304N3221	HU 746	1987.43	23	1.34	0.17	9.26	9.56	14	8.77	9.02	14	.056
876	15312 S 3112	I 242	1986.32	42	2.06	0.14	9.14	9.26	17	8.74	8.84	14	.058
877	15336N5551	A 1124	1986.32	136	1.39	0.11	9.17	9.61	15	8.92	9.37	15	.058

Table 6.

Nr	IDS	Name	t	θ	ρ(″)	d(″)	m_VA	m_VB	s_V	m_RA	m_RB	s_R	SD V
878	15337 S 0814	Σ3094	1987.43	298	2.51	0.01	9.49	9.63	16	9.12	9.27	14	.056
879	15347 S 1412	HLD 25	1986.32	308	1.59	0.02	10.24	10.44	14	9.96	10.15	14	.058
880	15354N3350	COU 800	1987.43	250	0.80	0.08	11.01	11.04	7	10.53	10.60	7	.026
882	15367 S 0030	J 444	1987.43	320	2.92	0.05	9.71	11.28	14	9.05	10.67	14	.056
883	15384 S 0523	A 19	1987.43	337	1.58	0.09	10.32	10.47	12	9.71	9.88	10	.026
884	15386 S 1924	HU 654	1987.43	199	1.05	0.09	9.75	9.81	9	9.29	9.36	9	.026
885	15404N0451	AG 198	1987.43	145	2.18	0.01	9.04	10.13	10	8.61	9.66	10	.026
886	15409N0019	A 2231	1987.43	27	2.16	0.00	9.24	11.52	9	8.49	10.98	9	.026
887	15412N1421	A 1636	1987.43	134	2.35	0.02	9.51	13.15	9	9.15	12.42	9	.026
889	15440 S 0256	Σ1974	1987.43	160	2.47	0.03	8.83	9.10	15	8.56	8.80	18	.056
891	15455 S 0843	Σ3097	1987.43	188	3.95	0.01	9.71	9.91	12	9.29	9.46	13	.056
892	15467 S 1656	SKI 9	1987.43	273	2.38	0.01	9.91	9.94	8	9.37	9.38	8	.026
893	15474N2939	COU 617	1987.43	99	4.69	0.01	9.44	12.25	9	9.05	11.73	9	.026
894	15484N2018	HU 747	1987.43	111	2.48	0.10	10.15	12.08	15	9.84	11.80	15	.056
895	15490N7415	MLR 194	1986.32	263	1.11	0.31	9.84	11.22	17	9.67	10.64	16	.070
897	15541 S 2255	I 979	1986.32	292	1.09	0.25	9.69	9.75	16	11.78	11.92	15	.058
898	15548 S 2010	HLD 126	1987.43	39	2.33	0.05	9.69	11.48	9	9.21	10.87	9	.026
899	15549 S 1723	RST2992	1986.32	84	2.34	0.05	10.76	10.96	18	10.31	10.49	17	.061
900	15559 S 0641	BU 623	1986.32	221	1.13	0.38	8.90	9.35	15	8.77	8.77	14	.058
901	15564N1936	A 2081	1987.43	321	2.42	0.09	8.92	11.98	14	8.63	11.25	12	.057
903	15592N2908	Σ2004	1986.32	275	1.85	0.13	9.44	10.00	15	8.85	9.66	13	.070
905	16019N1846	COU 195	1987.43	260	1.22	0.29	10.39	12.18	7	10.02	12.16	7	.042
907	16054 S 1148	HU 156	1987.43	84	2.82	0.01	9.60	12.26	9	9.27	11.71	10	.039
908	16066 S 0026	RST5046	1987.43	1	1.06	0.02	11.30	12.10	9	10.81	11.62	9	.026
910	16102N1616	A 2083	1987.43	154	1.12	0.02	9.96	10.05	8	9.50	9.55	8	.026
911	16103N0431	Σ2027	1987.43	80	1.89	0.00	8.71	8.90	8	8.51	8.70	8	.042
912	16112N1959	HU 480	1987.43	260	1.60	0.01	9.92	11.07	8	9.53	10.61	8	.042
913	16119 S 3122	B 1317	1986.32	103	1.43	0.02	9.98	11.17	17	9.50	10.89	15	.058
915	16140N2606	Σ2035	1987.43	36	2.58	0.00	9.59	10.71	12	9.33	10.43	12	.057
916	16143N1739	Σ2037	1987.43	252	1.25	0.02	9.72	9.75	8	9.13	9.30	8	.026
918	16156N2355	COU 108	1987.43	257	0.76	0.09	9.85	11.33	11	9.44	10.19	9	.057
919	16175 S 0708	A 24	1987.43	336	1.36	0.03	9.65	11.12	10	9.32	10.74	11	.042
921	16189N6144	Σ2045	1986.32	184	2.30	0.06	8.77	10.08	15	8.49	9.79	13	.061
922	16197 S 1257	HO 403	1987.43	172	3.74	0.02	8.94	12.50	16	8.17	11.88	14	.057
923	16197 S 3100	λ278	1987.43	339	1.80	0.03	9.13	9.33	12	8.77	8.94	12	.039
925	16210N0326	BAL2414	1987.43	309	3.92	0.00	10.83	10.90	11	10.53	10.60	11	.039
926	16232N2706	A 226	1987.43	70	0.72	0.17	9.80	10.26	10	9.48	9.60	10	.054
927	16241 S 2213	B 1814	1987.43	275	3.93	0.11	9.92	12.91	13	9.55	12.04	13	.057
928	16249N7634	Σ2066	1986.32	56	5.19	0.09	9.98	10.12	12	9.76	9.87	12	.061
929	16256 S 0205	RST5059	1987.43	174	1.39	0.06	8.79	10.72	10	8.16	10.35	11	.042
930	16266N5657	Σ2060	1986.32	246	3.73	0.01	10.17	10.21	15	9.95	10.01	13	.070
932	16280N0246	A 2234	1987.43	256	0.59	0.11	9.19	9.88	8	8.80	9.22	8	.042
933	16283N2327	BU 817	1987.43	320	0.99	0.09	9.17	9.53	15	9.01	9.16	12	.057
934	16286 S 3326	B 1321	1987.43	330	3.94	0.02	9.77	13.59	12	9.29	12.69	9	.039
935	16298N3908	Σ2067	1987.43	298	2.78	0.05	9.80	10.71	10	9.50	10.40	10	.039
936	16315 S 0457	BU 819	1987.43	241	1.51	0.03	9.85	12.17	11	9.09	11.61	9	.026
937	16315 S 0734	RST3954	1987.43	70	0.79	0.08	10.43	10.70	9	10.05	10.17	9	.042
938	16320N2946	COU 621	1986.32	228	0.81	0.68	10.45	13.15	13	10.24	12.22	11	.061
939	16327N4753	Σ2072	1987.43	180	4.95	0.01	9.64	10.43	16	9.31	10.04	16	.039
940	16378 S 0942	RST3958	1987.43	141	0.82	0.06	10.70	11.35	10	10.14	10.65	10	.042
943	16405 S 1710	SKI 10	1987.43	86	3.40	0.00	9.63	9.83	8	9.26	9.43	9	.039
944	16413 S 3300	JSP 698	1986.32	335	1.88	0.03	10.23	10.54	12	9.77	10.03	14	.058
945	16424N0138	RST5419	1987.43	336	5.35	0.00	8.51	12.98	29	8.20	12.24	47	.039
946	16434N4659	A 1865	1987.43	297	4.49	0.01	9.71	12.45	10	9.29	11.66	9	.039
947	16446 S 2555	B 318	1986.32	177	6.91	0.13	11.21	13.81	15	10.57	13.62	14	.058
950	16503 S 0501	Σ3106	1987.43	76	1.94	0.07	9.52	9.54	14	9.15	9.18	12	.057

Table 6.

Nr	IDS	Name	t	θ	ρ(″)	d(″)	m_VA	m_VB	s_V	m_RA	m_RB	s_R	SD V
951	16518N1024	HU 160	1987.43	238	0.62	0.11	10.07	10.19	8	9.49	10.07	8	.042
952	16544N3156	Σ2112	1987.43	262	2.13	0.01	9.47	10.10	11	9.09	9.75	11	.057
953	16557N5157	Σ2117	1986.32	95	1.34	0.20	9.56	9.62	14	8.65	10.26	14	.070
954	16563 S 3339	I 584	1986.32	212	1.96	0.04	10.52	10.54	16	10.17	10.21	15	.058
956	16577 S 1919	HU 1174	1987.43	77	3.68	0.00	9.18	11.93	9	9.07	11.57	8	.039
957	17008 S 2657	I 1310	1986.32	162	1.97	0.08	10.02	10.19	17	9.63	9.80	17	.058
958	17013 S 0742	RST3965	1987.43	289	1.55	0.00	10.77	11.52	10	10.16	10.77	9	.042
959	17015 S 1254	HU 166	1987.43	293	1.11	0.07	10.31	12.04	9	9.84	11.34	9	.042
960	17023N2639	A 228	1987.43	278	1.02	0.09	8.94	10.11	14	8.72	9.47	14	.057
961	17038 S 3027	JSP 709	1987.43	259	4.76	0.64	9.38	14.03	10	8.98	13.35	9	.039
962	17045 S 2234	B 332	1987.43	357	2.26	0.00	10.17	12.84	11	9.63	11.98	9	.026
963	17050N1909	A 2086	1987.43	205	3.15	0.01	9.87	11.16	13	9.55	10.82	12	.057
964	17062N4953	Σ2133	1986.32	199	3.46	0.02	9.60	10.80	15	9.28	10.44	16	.070
965	17064N3857	HU 1177	1986.32	91	3.27	0.01	9.75	13.12	11	9.36	12.15	12	.070
967	17088 S 1912	RST3079	1986.32	137	1.68	0.03	10.39	11.77	16	10.03	11.07	14	.058
968	17091 S 2149	HU 749	1987.43	152	1.89	0.00	9.29	10.87	10	8.39	10.23	9	.026
969	17096N2925	COU 494	1987.43	357	1.61	0.07	9.79	11.50	14	9.14	11.10	12	.057
971	17103N6819	MLR 200	1986.32	88	1.19	0.04	10.31	10.33	13	10.11	10.15	13	.061
972	17112 S 1752	STN 33	1986.32	32	1.54	0.89	11.57	14.51	16	8.48	9.61	15	.058
973	17140 S 1934	A 2240	1986.32	203	1.52	0.23	9.74	11.24	16	9.40	11.31	15	.058
974	17140 S 2126	HU 750	1986.32	114	1.95	0.00	9.95	11.18	14	9.57	10.70	15	.058
975	17154N4925	Σ2153	1986.32	251	1.64	0.03	9.25	9.71	13	8.92	9.28	11	.061
976	17157N4958	HU 669	1986.32	83	1.15	0.10	9.59	10.02	14	9.43	9.48	13	.061
977	17160N4414	Σ2154	1986.32	253	2.00	0.00	8.98	9.97	12	8.80	9.70	10	.070
979	17162 S 1058	HU 173	1986.32	11	1.00	0.59	8.23	10.59	11	8.35	9.60	14	.061
980	17180N5838	KR 46	1986.32	65	1.67	0.03	9.87	10.11	11	9.09	9.29	11	.070
981	17188 S 0045	Σ2156	1987.43	37	3.68	0.02	8.89	9.42	10	8.53	9.07	9	.039
982	17189 S 1600	HU 174	1986.32	42	1.97	0.16	9.85	11.67	15	9.49	11.39	15	.058
984	17202N4215	Σ2163	1986.32	81	1.49	0.03	10.18	10.28	13	9.88	10.01	11	.061
985	17204N3633	Σ2162	1986.32	279	1.40	0.08	9.31	9.54	14	9.23	9.43	12	.061
986	17208 S 2951	B 340	1986.32	309	0.86	0.19	9.28	10.76	12	8.90	11.32	12	.061
987	17231N3551	Σ2168	1987.43	202	2.31	0.05	8.53	9.01	8	7.93	8.68	8	.026
988	17233N0217	A 2245	1986.32	351	2.15	0.04	9.49	10.53	16	9.24	10.11	13	.058
990	17240N1034	Σ2170	1987.43	62	3.45	0.01	9.27	9.83	11	8.85	9.38	12	.057
991	17248N4721	ES 1256	1987.43	329	4.33	0.09	10.20	12.69	9	9.71	12.05	9	.026
992	17250N4630	Σ2177	1987.43	135	3.58	0.06	9.18	10.69	8	8.88	10.28	8	.026
993	17259 S 2255	I 604	1987.43	234	2.61	0.01	9.83	9.92	10	9.41	9.51	8	.039
995	17300 S 2830	B 347	1986.32	61	1.60	0.04	9.69	11.52	13	9.30	10.78	12	.058
996	17317 S 2903	B 349	1986.32	29	1.86	0.20	9.98	11.81	16	9.44	11.87	14	.058
997	17336N2301	AG 210	1987.43	186	4.23	0.01	9.89	10.14	11	9.14	9.37	11	.057
999	17360N5240	A 1880	1986.32	114	2.73	0.01	9.72	11.46	15	9.12	10.97	15	.061
1000	17365 S 1541	HU 184	1987.43	275	4.39	0.00	9.74	10.56	11	9.41	10.16	10	.057
1001	17390N1300	HU 1284	1986.32	63	1.16	0.13	9.62	10.60	14	9.12	9.96	15	.058
1002	17394N2239	HU 1285	1987.43	232	0.71	0.13	8.77	9.16	9	8.59	8.81	10	.057
1003	17418N7258	H 41	1986.32	338	1.15	0.08	8.12	8.52	11	7.86	8.19	12	.070
1004	17420 S 2238	HU 1524	1986.32	324	1.26	0.33	10.78	10.85	17	13.18	13.39	16	.061
1005	17428 S 1852	A 2252	1987.43	219	3.71	0.01	10.36	12.71	13	9.92	11.93	13	.057
1006	17440N4217	A 697	1986.32	121	0.72	0.19	8.89	11.68	10	8.55	11.05	11	.070
1007	17469 S 3444	B 362	1986.32	226	5.21	0.01	10.15	13.29	38	9.96	12.82	33	.056
1008	17471N3012	COU 636	1986.32	268	1.51	0.02	11.37	11.66	10	11.11	11.40	10	.070
1009	17478N2816	Σ2239	1986.32	319	2.43	0.01	9.41	9.93	14	9.09	9.60	13	.070
1010	17483N1941	BRT2439	1987.43	182	4.69	0.00	10.35	10.75	13	10.12	10.52	11	.057
1012	17498N3607	Σ2243	1986.32	43	1.25	0.02	9.15	9.33	12	8.86	9.06	11	.070
1013	17499 S 2713	I 1346	1986.32	104	0.98	1.07	10.77	12.95	15	10.03	11.80	13	.058
1014	17503N7631	MLR 209	1986.32	55	2.29	0.04	10.04	10.05	13	9.47	9.87	12	.070
1015	17515 S 1956	A 2255	1986.32	293	1.29	0.09	9.05	9.94	12	8.64	9.50	13	.058

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Table 6.

Nr	IDS	Name	t	θ	ρ(″)	d(″)	m_VA	m_VB	s_V	m_RA	m_RB	s_R	SD V
1016	17530 S 1304	HU 190	1986.32	173	1.99	1.15	9.69	14.83	12	9.32	12.91	14	.061
1017	17548N3525	COU1000	1986.22	217	0.89	0.55	9.46	11.89	11	9.29	11.22	11	.057
1018	17554 S 1011	HU 236	1986.32	233	0.83	0.68	9.97	12.37	12	9.63	10.90	12	.058
1019	17562N2112	A 1375	1986.32	84	1.85	0.06	10.56	11.20	18	10.25	10.87	18	.058
1020	17575N4548	ES 1260	1986.32	203	3.00	0.00	10.54	12.17	12	10.31	11.83	9	.070
1021	17578N5316	A 1886	1986.32	340	4.72	0.00	9.69	11.25	17	9.25	10.97	13	.054
1022	17578 S 0237	A 35	1986.32	295	1.63	0.10	9.54	10.01	16	9.25	9.67	17	.061
1023	18010N1623	A 2093	1987.43	234	0.76	0.28	9.56	9.68	12	9.40	9.81	10	.057
1024	18010 S 0022	A 1167	1986.32	148	5.13	0.00	8.87	10.46	11	9.16	10.59	13	.061
1025	18055N3509	HO 80	1987.43	243	0.76	0.17	10.10	12.61	11	10.11	11.10	10	.057
1026	18091 S 1114	HLD 142	1986.32	252	1.33	0.19	9.35	10.02	18	9.15	9.50	15	.061
1027	18126N4105	ES 1651	1986.32	4	2.53	0.01	10.80	12.24	12	10.58	11.92	11	.070
1029	18171N2406	COU 505	1986.32	317	1.09	0.04	10.95	11.10	11	10.69	10.83	10	.070
1030	18172N2817	Σ2312	1987.43	341	1.64	0.03	9.46	10.14	12	9.47	10.07	13	.057
1031	18193N2324	Σ2314	1986.32	330	2.60	0.02	8.94	10.24	10	8.60	9.76	9	.070
1033	18223N6852	A 1169	1986.32	304	1.02	0.01	9.44	10.67	11	9.28	10.32	10	.070
1034	18227 S 3419	B 1365	1986.32	243	4.16	0.00	9.88	12.22	13	9.39	11.63	12	.061
1035	18242N1610	HU 320	1987.43	144	2.01	0.00	10.44	10.88	12	10.31	10.73	12	.057
1036	18256N2951	Σ2328	1986.32	72	3.67	0.01	8.84	9.22	12	8.75	9.01	14	.070
1037	18278 S 3155	RST2064	1986.32	95	3.21	0.12	10.24	13.93	13	9.85	13.49	11	.061
1038	18281N1143	HU 245	1987.43	54	2.09	0.04	9.70	10.88	12	9.37	10.51	14	.057
1040	18322N6338	Σ2357	1986.32	270	4.61	0.02	9.31	9.91	14	8.97	9.51	13	.054
1042	18325N6015	FOX 83	1986.56	27	0.59	0.05	10.22	10.46	10	9.94	10.55	9	.061
1043	18327 S 0500	RST4592	1986.32	310	5.10	0.06	9.35	13.73	12	9.05	13.27	12	.061
1044	18331N7116	A 1170	1986.32	195	1.01	0.69	9.66	13.90	12	9.36	13.19	11	.054
1045	18348N3038	Σ2358	1986.32	223	2.51	0.00	9.66	10.15	12	9.42	9.87	11	.070
1046	18349N1534	MIL	1986.32	60	3.24	0.06	9.57	10.59	12	9.20	10.08	15	.061
1047	18377 S 1731	RST3194	1986.32	89	4.01	0.07	9.79	12.81	11	9.58	12.55	11	.061
1048	18380N0539	BU 136	1986.32	7	4.62	0.01	9.16	10.16	12	9.04	10.03	15	.061
1050	18386 S 0020	A 858	1986.32	274	1.43	0.57	9.20	11.68	17	9.04	12.09	14	.061
1051	18387 S 2819	B 403	1986.32	76	2.39	0.05	9.61	12.68	12	9.33	12.10	14	.061
1052	18387 S 3324	B 944	1986.32	178	2.02	0.05	9.44	11.37	14	9.05	11.08	14	.061
1055	18427 S 2609	B 406	1986.32	134	1.70	0.00	9.88	9.99	12	9.44	9.51	14	.061
1056	18431 S 2911	OL 21	1986.32	153	2.06	0.01	9.96	10.30	13	9.48	9.79	13	.061
1057	18442N5135	HU 756	1986.56	251	0.95	0.08	9.62	11.38	11	9.22	12.05	12	.054
1058	18450N5349	A 1382	1986.56	225	4.58	0.05	9.54	11.54	10	9.40	11.26	12	.054
1059	18454 S 3245	JSP 793	1986.32	113	1.33	0.36	11.15	11.32	16	10.97	11.04	15	.061
1060	18457N2036	HU 328	1986.32	189	4.64	0.01	9.65	10.89	12	9.41	10.23	13	.056
1061	18463N3142	A 256	1986.56	60	2.88	0.05	8.86	10.71	12	8.41	10.43	13	.054
1062	18474N1141	HU 199	1986.56	359	0.89	0.13	9.05	9.31	10	8.89	8.93	10	.054
1063	18490N0105	RST5457	1986.32	189	4.64	0.01	10.21	11.45	12	9.97	10.79	13	.061
1064	18492N5108	ES 788	1986.56	321	3.54	0.07	9.32	11.81	12	9.07	11.28	10	.054
1065	18494 S 0125	A 862	1986.32	162	4.53	0.01	9.55	12.08	12	9.23	11.64	12	.061
1066	18508N0315	A 2193	1986.32	310	0.74	0.17	8.48	9.80	11	8.63	8.86	11	.056
1067	18516N2906	Σ2419	1986.56	178	3.38	0.00	9.06	9.35	11	8.87	9.13	10	.061
1068	18536N0228	A 2194	1986.32	324	1.55	0.07	8.86	12.09	13	8.60	11.12	11	.061
1069	18538N3201	A 260	1986.56	245	0.89	0.03	9.18	9.66	10	9.23	9.59	9	.061
1070	18543N1928	HU 330	1986.22	41	0.85	0.29	10.46	11.15	12	10.15	10.33	9	.057
1071	18546N6424	HU 938	1986.56	214	1.77	0.04	10.28	11.04	10	10.02	10.72	9	.054
1072	18551N2722	A 261	1986.56	194	3.67	0.01	9.03	11.49	10	8.98	11.74	11	.061
1073	18552N0229	J 474	1986.32	101	2.91	0.01	9.47	10.09	14	9.04	9.63	14	.061
1074	18555N2928	Σ2430	1987.43	187	1.64	0.00	8.94	9.07	9	8.63	8.75	11	.042
1075	18567 S 0825	A 40	1986.32	248	2.94	0.06	9.07	11.57	13	8.97	11.23	11	.056
1076	18572 S 3017	B 960	1986.56	252	4.73	0.05	9.42	14.55	11	8.78	13.57	12	.061
1077	18587N5302	A 1388	1986.56	261	5.05	0.18	9.46	12.74	9	9.19	12.28	11	.054
1078	18592N1225	J 534	1986.56	6	4.33	0.01	11.02	11.12	10	10.78	10.87	11	.061

Table 6.

Nr	IDS	Name	t	θ	ρ(″)	d(″)	m_VA	m_VB	s_V	m_RA	m_RB	s_R	SD V
1079	19026N2637	COU 722	1987.43	340	1.04	0.08	9.54	12.33	10	9.25	11.36	10	.057
1080	19030N6918	Σ2478	1986.56	324	0.92	0.18	9.46	9.59	12	9.23	9.25	11	.054
1082	19049N0823	A 1173	1986.32	4	2.16	0.04	9.57	11.57	14	9.35	11.24	13	.056
1084	19075N5114	ES 790	1986.86	112	5.09	0.28	9.24	12.72	13	8.73	12.19	12	.066
1085	19090N2101	J 1150	1986.32	251	1.93	0.05	10.51	11.46	12	9.97	11.02	13	.056
1086	19096N7242	A 1174	1986.86	231	1.19	0.14	9.75	10.01	12	9.42	9.55	12	.066
1087	19128 S 0339	Σ2490	1986.56	248	3.39	0.01	9.19	10.62	12	9.04	10.51	13	.058
1088	19129N1004	A 1176	1986.32	99	1.28	0.07	9.91	10.88	12	9.77	10.37	12	.056
1089	19150 S 2715	B 434	1986.56	358	0.76	0.06	9.96	10.17	11	9.98	10.26	11	.058
1090	19154N0337	A 2270	1986.56	57	4.90	0.02	9.17	13.36	10	9.01	13.15	10	.061
1091	19169 S 3443	COO 235	1986.56	186	4.31	0.00	9.90	10.09	13	9.41	9.58	13	.061
1092	19170N1937	HO 637	1986.32	26	1.20	0.21	9.74	10.93	12	9.42	10.81	13	.056
1093	19177N3007	A 268	1986.56	103	3.97	0.00	9.07	11.25	12	9.08	11.22	12	.061
1094	19177 S 2854	DAW 111	1986.32	271	1.11	0.30	9.64	10.91	10	9.28	10.94	12	.056
1096	19202N0215	BER	1986.56	324	1.96	0.36	8.54	9.42	11	8.23	9.26	12	.058
1097	19205N3144	COU1160	1986.56	18	0.91	0.23	9.72	10.26	11	9.59	10.58	10	.058
1098	19206N1827	HU 339	1986.56	237	0.78	0.07	9.38	9.40	13	9.09	9.31	11	.061
1099	19212 S 3135	λ376	1986.56	263	1.21	0.15	9.62	9.67	13	9.69	9.75	13	.058
1100	19262N0811	A 1184	1987.43	103	1.03	0.02	8.73	9.22	9	8.42	8.89	9	.042
1102	19278 S 2042	B 440	1986.32	234	1.96	0.04	10.46	12.41	12	10.33	12.11	12	.056
1103	19280N4325	A 595	1986.56	88	1.12	0.06	9.74	11.14	10	8.00	10.74	8	.058
1104	19296N4550	A 714	1986.56	356	1.55	0.16	9.13	9.32	13	9.17	9.39	11	.058
1105	19305 S 0153	A 1187	1986.32	158	1.76	0.07	9.41	12.88	12	9.21	12.49	11	.056
1106	19307N2841	COU1031	1986.56	234	1.81	0.27	8.28	11.28	13	8.32	11.82	11	.058
1109	19338N5309	Σ2555	1986.86	281	1.78	0.00	9.40	9.85	10	9.15	9.58	9	.066
1110	19350N0813	A 1189	1986.32	91	0.87	0.30	9.83	10.07	11	8.85	10.98	11	.056
1113	19404N7206	A 1191	1986.86	252	3.09	0.00	9.90	10.16	11	9.62	9.83	11	.066
1114	19420N2735	A 274	1986.56	65	4.40	0.08	9.15	11.80	11	9.07	11.67	11	.058
1115	19425N3147	KAM	1986.86	133	4.73	0.02	10.17	11.17	13	9.23	10.21	13	.066
1116	19428N0940	J 493	1986.86	115	7.03	0.16	9.81	13.38	13	9.77	12.68	12	.066
1117	19440N0530	BU 829	1986.86	298	0.81	0.21	8.93	9.94	12	8.88	9.83	10	.066
1118	19446N1413	AG	1986.86	152	3.51	0.00	9.56	9.69	14	9.52	9.64	13	.066
1119	19446 S 2625	OL 24	1986.56	36	1.08	0.06	9.78	10.03	12	9.35	9.48	12	.058
1120	19472N2316	BU 978	1986.86	53	1.18	0.13	9.35	9.67	12	9.20	9.31	11	.066
1121	19474N0024	Σ2589	1986.86	294	4.96	0.01	8.66	8.88	12	8.49	8.65	11	.066
1122	19499 S 3116	RST2123	1986.32	194	1.57	0.06	10.91	11.11	13	10.44	10.62	11	.056
1123	19503N1122	A 1193	1986.86	36	1.93	0.39	8.94	10.82	12	8.84	10.08	12	.066
1124	19509 S 2045	DON 973	1986.56	351	4.28	0.10	9.73	13.16	11	9.37	12.84	10	.061
1125	19526N2149	BOW	1986.86	52	0.80	0.07	10.11	10.36	9	9.47	9.48	9	.066
1127	19527N0243	A 2392	1986.86	61	0.94	0.34	8.91	10.27	13	8.50	8.64	11	.056
1129	19554N3150	A 378	1986.86	279	0.84	0.09	8.47	8.83	10	7.97	8.43	10	.066
1131	19596N7358	A 1195	1986.86	294	3.97	0.07	9.29	11.91	11	8.95	11.33	12	.066
1132	19598N1658	COU 325	1986.86	105	4.77	0.21	9.19	13.59	10	8.90	12.68	10	.066
1133	20032 S 0358	HLD 37	1986.56	310	3.18	0.06	9.68	11.88	11	9.40	11.43	10	.061
1134	20036N2629	A 279	1986.86	55	0.83	0.04	9.19	10.56	11	9.34	9.51	9	.066
1135	20038N2048	J 1168	1986.56	196	0.85	0.07	10.02	10.95	12	9.85	10.57	10	.058
1136	20068N3434	A 281	1986.86	172	4.15	0.00	8.90	9.34	12	8.52	8.96	12	.066
1137	20086N1029	A 1202	1986.87	87	0.76	0.08	9.82	10.42	11	9.77	10.41	10	.066
1138	20096 S 2048	λ411	1986.32	3	2.50	0.04	9.40	12.12	13	9.15	11.50	11	.056
1139	20102N4032	DOO 13	1986.32	258	2.93	0.00	9.98	10.26	11	9.83	10.10	9	.066
1141	20117N5426	A 1422	1986.32	355	2.67	0.09	8.92	12.53	13	8.92	12.20	14	.057
1142	20132 S 2629	RST1067	1986.32	279	5.00	0.13	10.58	12.67	10	9.80	11.68	12	.056
1143	20147 S 2739	λ414	1986.56	54	2.25	0.04	9.34	10.09	12	9.07	9.88	12	.061
1144	20150N1503	A 1673	1986.56	55	1.01	0.34	9.67	11.14	11	9.23	10.88	11	.058
1145	20173 S 2846	DAW 152	1986.56	295	2.65	0.01	10.65	10.91	12	10.12	10.34	12	.061
1147	20197N5319	BU 666	1986.86	117	2.51	0.06	9.50	11.28	10	9.13	10.66	12	.057

Table 6.

Nr	IDS	Name	t	θ	ρ(″)	d(″)	m_VA	m_VB	s_V	m_RA	m_RB	s_R	SD V
1150	20215N6352	Σ2685	1986.86	348	4.20	0.01	9.20	9.93	17	9.07	9.77	12	.057
1151	20217N2238	BRT2475	1986.86	280	4.72	0.08	9.73	13.17	12	9.22	12.37	13	.057
1152	20222N1637	HO 129	1986.56	159	4.81	0.10	8.39	12.42	14	7.87	12.00	10	.061
1153	20248N2638	A 394	1986.56	89	2.81	0.64	9.17	14.34	14	9.05	14.74	12	.061
1154	20259N1344	AG	1986.56	286	4.92	0.00	9.67	11.48	12	9.44	11.12	13	.061
1155	20262N0452	AG 257	1986.56	69	1.83	0.03	9.38	9.67	13	8.85	9.20	11	.061
1156	20267 S 1448	RST4669	1986.56	27	2.28	0.04	10.28	11.57	12	9.77	11.32	11	.061
1157	20286N5459	A 1678	1986.86	351	2.40	0.02	9.28	11.10	13	9.25	10.71	14	.057
1158	20288N4058	HER	1986.86	67	1.51	0.66	9.25	12.51	10	8.11	11.71	17	.057
1159	20302 S 1819	HU 269	1986.56	342	2.67	0.06	9.48	11.31	13	9.28	11.04	15	.061
1160	20305 S 1410	RST4672	1986.56	185	4.87	0.03	9.18	12.31	11	8.78	11.44	11	.061
1161	20305 S 2833	RST2147	1986.56	322	1.19	0.02	10.54	11.82	12	10.21	11.39	12	.061
1162	20306N4519	A 740	1986.86	310	0.82	0.12	9.58	10.00	11	9.38	9.57	10	.057
1163	20307 S 1539	HJ 1537	1986.56	24	3.43	0.00	9.00	9.43	11	8.68	9.11	11	.061
1164	20317N3449	Σ2702	1986.56	206	3.21	0.00	8.60	8.87	11	8.62	8.86	10	.061
1165	20330N3845	AG 259	1986.86	315	2.79	0.06	9.00	10.86	13	8.94	10.50	12	.057
1167	20340N4213	A 398	1986.56	20	1.60	0.03	9.49	10.44	11	9.02	9.97	11	.052
1168	20361N1013	Σ2713	1986.56	63	5.10	0.01	9.71	9.76	11	9.72	9.78	11	.061
1169	20375N5406	A 1682	1986.56	51	1.37	0.03	9.67	10.81	10	9.57	10.69	10	.052
1170	20382 S 1707	RST3268	1986.56	120	1.84	0.03	9.78	12.56	11	9.55	12.21	11	.061
1171	20388N1635	Σ2720	1986.56	180	3.93	0.01	9.03	9.35	11	8.74	9.06	11	.061
1172	20401N2334	Σ2724	1986.56	330	2.52	0.00	8.84	8.84	12	8.54	8.55	12	.061
1173	20409 S 1704	SKI 11	1986.56	294	3.84	0.07	9.05	9.10	12	8.64	8.68	12	.061
1174	20423N3511	ES 2252	1986.86	297	3.91	0.12	9.37	13.18	11	9.33	13.01	10	.057
1175	20423 S 3148	B 996	1986.56	326	1.57	0.16	9.20	11.31	12	8.56	10.91	12	.061
1176	20456 S 3456	B 504	1986.56	39	2.29	0.02	10.54	10.73	13	10.34	10.44	13	.061
1177	20457N4502	SMA	1986.86	244	1.46	0.30	10.17	10.65	13	9.90	9.99	14	.057
1178	20467 S 3308	B 1000	1986.56	313	3.59	0.00	10.01	12.70	12	9.68	12.30	13	.061
1179	20478N0249	HLD 43	1986.56	10	2.11	0.06	9.07	11.10	13	8.67	10.66	10	.061
1180	20502 S 3239	JSP 819	1986.56	51	1.37	0.03	9.68	10.78	10	9.59	10.65	10	.052
1181	20508 S 3429	RST3272	1986.56	26	2.05	0.15	9.78	14.37	12	9.43	13.49	12	.052
1182	20535N5843	A 754	1986.56	7	0.85	0.05	9.16	10.43	12	9.22	9.99	10	.052
1184	20543N5041	ES 999	1986.86	262	3.13	0.05	9.53	11.27	11	8.42	10.34	11	.057
1185	20562N4949	BU 68	1986.86	148	1.94	0.02	9.15	9.58	12	8.89	9.25	11	.057
1186	20577 S 3255	B 1004	1986.56	17	2.57	0.07	9.25	12.30	12	8.92	11.84	12	.052
1187	20584N1411	A 1689	1986.56	341	2.38	0.00	10.52	10.86	10	10.18	10.56	10	.052
1188	20586N4213	ES 1578	1986.86	232	2.73	0.06	10.43	12.21	16	10.28	11.80	13	.057
1189	21024 S 1235	HU 84	1986.56	327	4.56	0.11	9.17	13.19	11	8.85	12.41	11	.052
1190	21025 S 1205	HO 149	1986.56	318	0.78	0.16	9.13	10.43	12	8.70	9.74	11	.052
1191	21037N7022	Σ2771	1986.86	213	2.72	0.00	9.33	9.43	14	8.98	9.11	16	.057
1193	21038 S 0011	BU 837	1986.56	183	3.40	0.02	8.95	10.88	10	8.54	10.22	10	.052
1194	21043N1724	HU 365	1986.56	12	1.17	0.08	9.11	12.28	11	8.32	11.05	10	.052
1197	21110 S 2901	DAW 154	1986.56	93	1.09	0.05	10.24	10.78	12	9.82	10.34	11	.052
1198	21114 S 1034	RST4080	1986.56	247	2.00	0.02	9.59	13.06	11	9.16	12.28	11	.052
1200	21152N2517	COU 728	1986.86	49	1.58	0.03	10.41	10.95	16	10.08	10.62	14	.057
1203	21186 S 2013	HU 1312	1986.56	85	2.60	0.05	9.69	10.17	11	9.32	9.79	10	.052
1204	21187N6016	Σ2795	1986.56	301	1.69	0.06	9.30	9.75	12	9.18	9.47	12	.052
1205	21189 S 1314	BU 272	1986.56	258	4.77	0.08	9.29	11.30	12	9.25	11.03	11	.052
1206	21201N2050	HU 370	1986.56	107	2.17	0.06	9.13	12.42	12	8.85	11.77	11	.052
1207	21202N2949	A 1219	1986.56	311	1.53	0.01	10.09	10.20	9	9.85	9.88	10	.061
1208	21220N5708	A 766	1986.56	91	2.69	0.48	9.43	14.51	11	9.22	14.67	11	.052
1209	21223N5352	A 1697	1986.56	252	3.63	0.02	9.62	12.49	12	9.43	12.02	12	.052
1210	21224N3843	A 1442	1986.56	276	1.20	0.11	9.35	11.06	9	9.41	10.62	9	.061
1212	21262N3437	HLD 45	1986.56	199	1.31	0.00	9.24	9.73	10	9.23	9.73	10	.061
1213	21284N5727	ES 1800	1986.56	86	3.48	0.00	9.55	12.56	11	9.41	12.35	11	.052
1214	21328 S 1121	I 302	1986.56	90	2.29	0.04	9.15	10.72	11	8.81	10.12	10	.052

Table 6.

Nr	IDS	Name	t	θ	$\rho('')$	d('')	m_VA	m_VB	s_V	m_RA	m_RB	s_R	SD V
1215	21335N2716	MLB	1986.56	48	2.53	0.05	9.89	14.24	12	9.01	13.05	12	.052
1216	21336 S 0850	A 297	1986.56	83	3.08	0.04	8.96	12.84	11	8.80	12.67	11	.052
1217	21357N3722	A 1444	1986.56	88	1.13	0.02	10.41	10.56	11	10.12	10.30	10	.052
1218	21377 S 0253	A 180	1986.56	46	0.65	0.14	9.16	9.36	10	8.91	8.98	9	.052
1219	21379N6740	STF2823	1986.56	252	1.47	0.05	9.19	10.08	13	9.09	10.00	12	.052
1220	21390N0307	A 2098	1986.56	227	1.17	0.15	9.21	12.81	9	9.15	12.53	10	.061
1221	21409N5445	A 1896	1986.56	175	3.75	0.00	9.33	12.60	9	9.19	12.37	9	.061
1222	21409N2129	AG 276	1986.56	1	2.00	0.00	9.52	9.93	11	9.23	9.67	10	.061
1223	21418N8228	Σ2837	1986.56	274	3.08	0.00	8.82	9.27	12	8.37	8.67	11	.052
1224	21445N1423	J 915	1986.56	149	3.48	0.06	10.04	12.35	10	9.88	11.95	12	.061
1225	21453 S 0815	A 301	1986.56	126	0.92	0.04	9.53	9.58	10	9.21	9.25	10	.061
1226	21461N6851	Σ2835	1986.56	272	1.87	0.00	8.98	9.82	9	8.72	9.62	9	.061
1227	21474N4955	HU 694	1986.56	193	1.65	0.03	10.19	10.89	10	10.07	10.77	10	.061
1228	21476N2719	HO 171	1986.56	343	0.69	0.05	9.41	9.46	11	9.25	9.27	10	.061
1229	21478 S 0203	BU 840	1986.56	40	3.00	0.04	10.18	11.07	13	9.85	10.73	10	.061
1230	21482 S 2710	B 544	1986.56	106	1.93	0.08	9.68	12.65	12	9.30	11.76	11	.052
1232	21524N8527	LDS1959	1986.56	204	2.79	0.00	9.44	11.24	14	9.12	10.80	13	.052
1234	21531 S 0219	HJ 3074	1986.56	297	2.18	0.00	9.81	9.94	11	9.50	9.60	10	.061
1235	21533N5529	A 1897	1986.56	73	0.92	0.08	9.52	10.14	12	9.38	9.91	11	.052
1236	21538 S 0535	RST4701	1986.56	150	1.59	0.09	9.19	11.38	12	8.74	10.71	11	.052
1237	21539 S 3028	COO 247	1986.56	263	2.61	0.01	9.42	10.25	13	9.05	9.85	13	.052
1238	21549N5547	A 1898	1986.56	227	1.33	0.07	9.26	10.28	12	9.00	10.03	11	.052
1239	21554N3156	COU 841	1986.56	297	2.19	0.00	9.80	9.93	10	9.48	9.60	10	.061
1240	21579N2543	A 307	1986.56	147	0.57	0.03	9.18	10.47	9	8.84	10.16	9	.061
1241	21579 S 2211	I 676	1986.56	185	1.24	0.09	10.01	10.87	10	9.71	10.71	11	.052
1242	22017N5039	ES 1110	1986.56	4	2.26	0.01	9.48	10.27	11	9.45	10.20	10	.061
1243	22035N0020	RST5484	1986.56	55	1.32	0.01	9.95	11.82	11	9.67	11.49	10	.061
1245	22050N5229	ES 1016	1986.56	306	4.07	0.01	9.37	12.11	11	9.24	11.01	11	.061
1246	22078 S 1140	BU 1215	1986.56	274	0.94	0.12	10.14	10.27	12	9.63	9.68	12	.052
1247	22089N5432	STI2639	1986.56	323	3.60	0.18	9.37	13.44	12	8.41	13.10	11	.069
1248	22092N0358	A 2293	1986.56	203	2.19	0.09	9.02	12.71	11	8.45	12.19	11	.061
1249	22099N3715	Σ2882	1986.56	149	3.45	0.06	9.50	9.59	9	9.21	9.27	9	.061
1251	22107N5519	A 1459	1986.56	326	1.41	0.02	9.37	11.34	10	9.34	10.99	9	.061
1252	22125N4614	A 2395	1986.56	0	2.31	0.17	9.23	13.33	10	9.17	13.27	13	.061
1253	22136 S 3212	B 1398	1986.56	149	3.84	0.10	9.33	14.40	13	8.71	13.72	14	.069
1255	22171 S 1622	LEO 29	1986.56	93	4.53	0.06	9.07	11.29	14	8.41	11.06	13	.069
1256	22187N6732	HU 1316	1986.56	42	1.69	0.12	9.63	10.55	13	9.48	10.27	10	.069
1257	22187N5929	A 629	1986.56	343	1.12	0.02	9.84	10.07	10	9.56	9.80	10	.069
1258	22189N3158	WOR 11	1986.56	192	1.79	0.01	11.44	11.54	12	10.45	10.55	11	.069
1259	22191N2202	HU 385	1986.56	75	1.62	0.06	9.48	12.55	11	9.41	12.31	11	.069
1260	22194N0319	Σ2901	1986.56	149	3.22	0.01	9.12	9.90	12	8.84	9.54	12	.069
1261	22212N4157	A 2498	1986.56	5	0.68	0.19	9.58	11.32	10	9.50	11.71	11	.069
1262	22214N5720	BAR 16	1986.56	246	3.19	0.00	10.09	12.21	12	9.93	12.07	13	.069
1263	22223N1439	Σ2905	1986.56	285	3.36	0.02	9.21	9.25	12	8.85	8.85	15	.069
1264	22235N6312	KR 59	1986.56	347	1.78	0.09	9.02	9.48	11	8.47	8.98	13	.069
1265	22235N2911	BU 1218	1986.56	53	1.54	0.05	9.44	10.08	13	9.31	9.88	12	.069
1267	22272N4722	A 2397	1986.56	272	2.00	0.01	10.08	11.32	11	10.05	11.28	11	.069
1268	22280N6457	MLB 229	1986.56	178	4.78	0.01	8.95	11.96	11	8.50	11.46	11	.069
1269	22331 S 2121	B 1897	1986.56	9	0.86	0.17	9.64	11.01	13	9.26	11.28	12	.069
1270	22341N1819	HU 392	1986.56	8	0.92	0.22	9.57	11.09	13	8.82	11.11	13	.069
1271	22343N1002	Σ2929	1986.56	0	1.99	0.00	10.01	10.13	11	9.53	9.73	11	.069
1272	22351 S 0516	RST4709	1986.56	327	2.78	0.08	9.90	13.58	14	9.57	12.92	11	.069
1273	22351 S 3301	I 1056	1986.56	166	1.04	0.09	9.54	10.25	15	9.42	9.42	14	.069
1274	22365 S 0305	BU 709	1986.56	4	2.41	0.04	9.17	10.04	11	8.76	9.59	15	.069
1275	22405N1040	BU 711	1986.56	359	2.30	0.05	10.01	11.16	15	9.52	10.43	16	.054
1276	22409N3327	HU 782	1986.56	322	2.04	0.00	10.29	10.83	12	9.96	10.48	11	.069

Table 6.

Nr	IDS	Name	t	θ	ρ(″)	d(″)	m_VA	m_VB	s_V	m_RA	m_RB	s_R	SD V
1278	22453 S 3145	RST2207	1986.56	60	3.05	0.00	10.96	11.05	13	10.66	10.73	13	.061
1279	22460N6047	HU 986	1986.56	125	0.90	0.39	10.28	10.52	11	9.91	10.20	13	.069
1284	22500 S 0134	A 1234	1986.56	46	1.14	0.14	10.08	10.12	12	9.54	10.07	11	.054
1285	22501 S 3218	JSP 840	1986.56	151	1.77	0.03	10.47	10.54	15	9.92	10.02	14	.069
1287	22527N7218	Σ2965	1986.56	220	2.88	0.02	8.44	9.29	10	8.44	9.20	11	.061
1288	22534 S 0031	A 1236	1986.56	16	0.96	0.19	10.88	10.92	12	10.09	11.08	12	.061
1289	22550N6918	A 785	1986.56	29	1.26	0.02	9.90	10.32	10	9.77	10.16	10	.061
1291	22576 S 3402	B 584	1986.56	258	1.63	0.20	9.03	11.75	15	8.88	10.39	13	.061
1293	22589N2237	AG 289	1986.56	222	1.98	0.00	10.12	10.21	11	9.85	9.94	10	.061
1295	23003N0612	HJ 3165	1986.56	38	7.70	0.04	10.54	12.37	9	10.23	12.01	9	.061
1296	23014N4147	WOR 13	1986.56	149	0.78	0.04	11.42	12.70	12	10.59	11.84	12	.061
1297	23073 S 0849	A 2698	1986.56	82	2.40	0.08	9.17	12.82	11	8.69	12.49	10	.061
1298	23084N2132	Σ2990	1986.56	238	2.43	0.01	8.83	8.87	10	8.61	8.61	11	.061
1299	23090N8116	Σ2996	1986.56	106	4.95	0.00	8.97	9.22	14	8.73	8.99	12	.061
1300	23104 S 2821	B 595	1986.56	212	1.69	1.38	9.96	12.19	12	9.52	13.02	11	.067
1301	23116 S 1229	BRT2801	1986.56	233	2.63	0.12	12.90	13.75	14	12.32	12.97	14	.052
1302	23118 S 3302	JSP 849	1986.56	148	1.38	0.13	10.38	10.94	17	10.04	10.43	15	.052
1303	23128 S 1654	HU 598	1986.56	128	1.45	0.08	10.20	10.78	16	10.05	10.44	15	.054
1304	23138N2439	Σ3000	1986.56	51	3.39	0.01	9.54	9.74	11	9.29	9.48	11	.067
1306	23180 S 1706	HU 296	1986.56	189	3.98	0.03	9.41	11.48	14	9.34	11.08	11	.052
1307	23218N2024	COU 241	1986.56	15	3.46	0.06	11.06	13.33	11	10.57	12.98	10	.067
1308	23222N5401	A 1485	1986.56	207	0.65	0.14	9.18	10.24	10	9.50	9.57	9	.067
1309	23229N5502	ES 1045	1986.56	266	2.75	0.10	10.47	12.27	12	10.40	11.16	12	.067
1310	23231N3300	Σ3015	1986.56	190	2.93	0.01	9.47	9.70	10	9.35	9.48	11	.067
1311	23232N4152	BU 1221	1986.56	147	2.09	0.04	9.85	11.56	13	9.62	11.22	12	.067
1312	23236N1124	A 1239	1986.56	54	2.08	0.01	9.61	10.39	10	8.92	9.79	10	.067
1313	23239N5451	A 1486	1986.56	189	4.67	0.18	9.14	13.41	11	8.99	13.09	12	.067
1314	23242N4251	A 109	1986.56	327	0.79	0.08	10.03	10.51	12	9.99	10.32	12	.067
1316	23261N1745	COU 339	1986.56	83	2.30	0.09	9.07	12.91	11	9.02	12.38	11	.067
1317	23267N1923	WIR 1	1986.56	106	4.91	0.00	10.31	12.40	13	9.31	11.31	12	.067
1318	23271N7708	MLR 273	1986.56	28	5.99	0.01	9.56	12.60	10	9.26	12.20	9	.067
1319	23300 S 1907	HJ 3202	1986.56	251	4.29	0.08	8.73	10.54	14	8.21	10.33	13	.054
1323	23318 S 2214	HJ 3206	1986.56	348	3.22	0.03	9.63	10.12	13	9.24	9.67	14	.052
1324	23330N7109	Σ3029	1986.56	317	4.90	0.10	9.45	10.09	12	9.23	9.84	13	.067
1325	23333N6740	BU 855	1986.56	202	0.90	0.06	9.28	9.90	10	8.97	9.44	10	.067
1326	23334N0346	J 582	1986.56	202	3.05	0.02	10.52	11.91	10	10.12	11.47	10	.067
1327	23350N1225	HU 1325	1986.56	356	0.73	0.10	9.53	10.33	10	9.29	9.44	10	.067
1328	23353N7719	HU 793	1986.56	3	1.21	0.02	9.46	10.55	9	9.15	10.37	9	.067
1329	23363 S 2613	B 611	1986.56	287	2.12	0.04	9.56	11.53	16	9.15	11.01	12	.052
1331	23380N1117	A 1242	1986.56	340	0.90	0.03	9.31	9.66	10	8.91	9.32	12	.067
1332	23388N7958	HU 796	1986.56	275	3.27	0.00	9.38	9.85	14	9.12	9.59	10	.067
1333	23414N1632	EGB 8	1986.56	84	1.13	0.14	9.39	9.72	13	9.11	9.38	12	.067
1334	23419N0442	BAR 19	1986.56	2	1.12	0.09	9.14	9.28	9	8.79	8.89	9	.067
1335	23422N0855	A 1245	1986.56	31	1.95	0.06	10.55	10.56	11	10.12	10.21	10	.067
1336	23432 S 1333	RST4134	1986.56	234	1.12	0.15	9.73	12.03	13	8.93	11.54	12	.052
1339	23457 S 3407	λ495	1986.56	17	2.93	0.06	8.95	11.51	16	8.61	10.93	10	.052
1340	23460 S 2524	RST3336	1986.56	47	2.56	0.05	10.63	12.17	13	10.20	11.64	12	.052
1342	23473 S 2856	λ498	1986.56	175	4.42	0.00	9.88	11.75	11	9.56	11.41	12	.061
1343	23474N1219	HU 1327	1986.56	33	1.85	0.03	9.65	9.92	11	9.26	9.50	10	.067
1344	23513 S 0005	RST5177	1986.56	123	2.50	0.11	8.60	13.75	11	8.45	12.66	10	.067
1346	23543N4402	ES 1356	1986.56	113	2.48	0.00	10.10	12.50	12	9.66	11.72	12	.067
1347	23546N0607	ALD 8	1986.56	20	4.19	0.01	8.91	12.11	11	8.21	11.23	10	.067
1348	23547 S 1918	HU 600	1986.56	13	1.80	0.03	10.10	11.22	10	9.88	10.94	11	.061
1349	23565N6404	MLR 79	1986.56	298	1.73	0.03	10.09	11.34	11	9.69	10.81	11	.067
1350	23567N6404	HU 798	1986.56	298	1.73	0.03	10.09	11.36	12	9.71	10.79	10	.067
1352	23582 S 2410	B 633	1986.56	37	1.20	0.42	8.68	11.61	10	8.09	12.21	9	.061

Table 7. As Table 6 but for $V \geq 9$ mag and $\rho \geq 5$ arcsec; 346 stars.

Nr	IDS	Name	t	θ	$\rho('')$	d('')	m_VA	m_VB	s_V	m_RA	m_RB	s_R	SD V
2001	00003N7544	HJ 3237	1986.86	312	30.15	0.15	8.80	12.10	99	8.01	11.31	99	.076
2003	00027N0015	BAL 942	1986.86	298	7.14	0.02	9.79	12.41	45	9.63	12.14	41	.113
2005	00034N3928	ES 1601	1986.86	63	7.81	0.26	9.39	13.75	43	9.27	13.89	48	.076
2006	00047N0754	Σ4	1986.86	274	5.27	0.01	9.39	9.43	27	8.99	9.04	42	.113
2007	00056N6642	ES 113	1986.86	125	7.16	0.13	9.38	12.26	43	8.94	11.57	52	.076
2012	00177N5137	ES 866	1986.86	83	9.76	0.28	10.94	15.68	62	10.14	14.70	70	.076
2013	00179N0743	HDO 15	1986.86	269	24.14	0.03	10.85	12.87	64	10.47	12.34	37	.113
2014	00192N3949	MLB 913	1986.86	83	7.81	0.05	11.04	14.96	58	10.24	14.72	62	.076
2015	00200N3157	Σ29	1986.86	166	5.22	0.00	10.25	10.54	31	9.62	9.93	32	.076
2016	00207N6029	STI 58	1986.86	7	11.89	0.21	10.03	14.35	66	8.71	13.33	69	.076
2017	00212N6211	STI 60	1986.86	38	10.54	0.03	10.50	12.63	58	10.42	12.51	48	.076
2019	00236N4052	Σ31	1986.86	56	5.87	0.01	10.16	10.82	32	9.72	10.38	37	.076
2022	00262N7734	Σ34	1986.86	337	5.84	0.03	9.84	10.03	27	9.44	9.61	33	.076
2023	00272N1506	Σ37	1986.86	245	5.80	0.00	10.29	10.42	40	9.91	9.96	39	.113
2024	00302N2358	POU 41	1986.86	261	10.10	0.08	9.06	12.47	57	8.05	11.73	69	.113
2028	00392N1203	HJ 6	1986.86	317	21.19	0.08	10.47	12.24	54	10.06	11.68	52	.113
2035	00482N0428	Σ71	1986.86	338	8.86	0.04	9.35	10.47	42	9.08	10.23	47	.113
2038	00499N1301	Σ75	1986.86	272	5.17	0.02	9.80	11.21	29	9.43	10.86	27	.113
2103	01598N3731	ES 2010	1986.86	148	8.51	0.37	8.80	12.68	99	8.73	12.25	99	.077
2105	02029N4019	Σ215	1986.86	59	19.88	0.12	9.43	10.76	99	9.13	10.38	99	.077
2108	02107N5518	BU 786	1986.86	348	5.09	0.10	9.04	9.96	86	8.65	9.95	71	.077
2110	02159N2310	Σ254	1986.86	8	11.90	0.04	9.05	10.36	99	8.47	10.17	99	.077
2115	02312N6317	KR 14	1986.86	289	8.95	0.24	11.01	12.43	53	10.52	11.81	40	.076
2116	02312N5115	HJ 2149	1986.86	321	32.47	0.03	11.33	12.83	76	11.30	13.04	78	.076
2119	02347N3839	A 1820	1986.86	222	10.65	0.24	11.83	16.48	64	11.08	16.04	45	.076
2121	02363N5220	ES 765	1986.86	90	7.73	0.30	12.24	15.99	68	11.36	14.60	63	.076
2127	02454N3828	ROE 67	1986.86	129	25.68	0.03	8.82	10.59	99	8.51	10.54	99	.076
2130	02471N0355	BAL2109	1986.86	233	6.40	0.11	9.50	11.38	99	9.19	11.10	93	.077
2132	02497N6336	STI 409	1987.03	209	8.84	0.02	9.50	10.65	94	9.43	10.56	55	.040
2134	02538N5856	STI 420	1987.03	197	12.46	0.01	9.67	12.18	74	9.46	11.93	55	.040
2135	02569N5207	HJ 2169	1987.03	312	7.96	0.00	9.63	9.88	69	9.32	9.57	65	.040
2137	03024N4352	Σ351	1987.03	116	26.84	0.07	9.15	9.64	99	8.93	9.15	99	.040
2143	03169N3826	ALI 776	1987.03	341	12.89	0.01	9.34	12.52	84	9.09	11.89	99	.040
2144	03180N4355	ARG 55	1987.03	200	26.09	0.46	9.36	10.61	65	9.10	10.28	80	.040
2145	03187N4640	AG	1987.03	317	13.86	0.03	8.94	10.12	50	8.82	9.98	53	.040
2146	03204 S 0130	SCJ 2	1987.03	184	16.97	0.30	9.01	10.02	96	8.78	9.73	72	.040
2147	03232N5537	KR 20	1987.03	297	7.49	0.02	9.77	10.37	54	9.63	10.19	57	.040
2150	03285 S 0253	Σ417	1987.03	181	25.60	0.08	8.70	10.66	65	8.19	10.44	99	.040
2152	03331N2738	Σ424	1986.86	313	9.96	0.06	8.99	10.98	99	8.88	10.64	99	.077
2155	03351N2813	Σ429	1987.03	105	16.62	0.02	9.19	11.89	51	8.87	11.18	73	.040
2156	03415N0201	BAL1639	1986.86	213	13.57	0.24	9.65	11.98	99	9.25	11.23	99	.077
2157	03416N0821	PLQ 44	1987.03	44	14.34	0.01	10.79	12.30	74	10.48	11.79	74	.040
2159	03439N1237	AG 74	1987.03	197	12.04	0.21	9.55	10.89	99	9.22	10.50	99	.040
2166	03525N0920	Σ473	1987.03	95	16.59	0.01	9.47	10.78	81	9.16	10.52	99	.040
2167	03530 S 0725	Σ475	1987.03	23	7.53	0.02	8.80	10.63	98	8.51	10.19	72	.040
2172	04031N0811	Σ497	1987.03	76	8.14	0.37	8.83	12.60	10	9.38	10.81	99	.039
2174	04078 S 0705	Σ514	1987.03	76	8.14	0.37	8.83	12.60	10	9.38	10.81	99	.039
2175	04086 S 0944	HJ 3626	1986.86	38	20.65	0.13	9.08	11.21	99	8.81	10.80	99	.077
2177	04139N0226	BAL1642	1986.86	275	19.35	0.18	9.57	13.07	99	9.34	12.80	99	.077
2178	04146N2415	POU 442	1986.86	280	8.13	0.13	10.52	13.85	6	9.74	13.53	6	.040
2180	04213N2046	LDS2239	1986.86	196	5.26	0.04	9.12	11.89	99	8.81	11.11	99	.077
2181	04243N0337	BAL2121	1987.03	320	5.74	0.41	10.31	12.47	32	9.97	10.99	99	.039
2183	04264N2615	GIC	1987.03	101	15.51	0.04	10.63	13.39	99	10.13	12.59	99	.040
2185	04335N4828	ES 1226	1987.03	289	7.47	1.65	9.16	14.73	99	8.50	12.06	99	.040
2187	04349N0307	Σ578	1986.86	26	11.27	0.03	10.17	10.72	99	10.04	10.40	99	.077
2188	04355N2828	HJ 347	1987.03	217	28.53	0.52	8.77	11.06	55	8.54	10.53	99	.040

Table 7.

Nr	IDS	Name	t	θ	$\rho('')$	$d('')$	m_VA	m_VB	s_V	m_RA	m_RB	s_R	SD V
2189	04413N2015	KU	1986.86	39	28.33	1.69	9.57	15.59	99	9.25	15.06	99	.077
2190	04470N2520	Σ607	1987.03	251	14.07	0.01	10.17	11.41	85	9.97	11.13	91	.040
2191	04501N0048	BAL 976	1987.03	139	6.07	0.01	9.95	10.22	62	9.71	10.00	40	.040
2192	04527S0554	Σ624	1987.03	90	28.46	0.02	8.48	9.11	90	8.23	8.93	99	.040
2193	04587S0517	HJ 31	1986.86	73	14.23	0.12	9.34	11.90	99	9.27	11.56	99	.077
2194	04590S0300	Σ639	1986.86	79	5.50	0.01	8.89	9.36	57	7.83	8.40	63	.077
2195	05014N1052	KU 21	1987.03	211	4.88	0.27	9.58	11.57	26	9.41	10.51	22	.039
2197	05090N3013	AG 92	1987.03	337	23.84	1.73	9.89	12.29	99	9.69	10.16	80	.040
2198	05091N3637	SEI 127	1987.03	24	20.59	0.01	8.93	12.36	76	8.96	11.80	46	.040
2199	05104N3740	HJ 3271	1987.03	351	11.63	0.01	9.37	9.97	68	9.41	10.06	41	.040
2200	05106N2400	POU 624	1986.86	345	22.44	0.43	8.94	13.67	99	8.60	13.09	99	.077
2202	05112N2558	Σ671	1986.86	124	17.84	0.04	9.47	10.26	99	9.20	9.91	99	.077
2204	05125N3541	SEI 179	1987.03	223	24.46	0.21	8.88	12.89	99	8.36	13.97	99	.040
2205	05134N0352	Σ682	1 86.86	110	17.01	0.14	9.18	10.61	99	8.89	9.76	99	.077
2206	05140N5627	A 1305	1987.03	32	4.97	0.09	9.83	13.15	52	9.83	12.78	48	.040
2207	05148N3317	ES 332	1987.03	213	14.57	0.05	8.82	9.36	99	8.89	9.44	99	.040
2208	05149N3512	SEI 207	1987.03	209	21.82	0.08	9.51	13.06	99	9.55	13.10	72	.040
2212	05231S0201	HJ 702	1986.86	147	24.26	0.06	8.43	9.40	99	8.48	9.39	99	.077
2213	05257N0132	BAL1294	1986.86	50	9.69	0.03	8.69	10.22	88	8.70	9.96	68	.077
2221	05334S0012	BAL 676	1986.86	234	6.14	0.13	8.56	12.06	64	8.60	11.56	49	.077
2224	05413N1101	AG	1987.03	271	14.97	0.10	9.18	13.10	20	8.81	9.83	92	.040
2225	05440S0321	HJ 2280	1986.86	20	17.97	0.03	9.73	11.79	99	9.61	11.48	99	.077
2226	05444N0604	HJ 712	1986.86	83	9.16	0.02	9.76	10.80	59	9.46	10.54	69	.077
2227	05457N3616	AG 101	1987.03	359	19.63	0.04	9.37	10.20	99	9.04	9.39	99	.039
2228	05460N4125	ARG 61	1987.03	116	22.89	0.00	9.49	10.54	99	9.45	10.47	99	.039
2231	05511N1032	AG	1986.86	12	22.52	0.07	9.43	9.92	90	9.18	9.62	99	.077
2232	05572N2449	KU	1987.03	271	14.97	0.10	11.24	15.16	20	10.70	11.72	92	.040
2233	05599N4146	MLB	1987.03	59	10.20	0.05	11.23	11.43	78	10.61	11.20	89	.040
2234	06020N0020	Σ847	1986.86	260	24.54	0.08	9.01	9.71	99	8.48	9.17	99	.077
2235	06130N4710	Σ884	1987.03	272	8.81	0.01	8.66	8.99	80	8.76	9.02	91	.040
2236	06176S1434	HJ 3850	1986.86	49	16.16	0.14	9.56	12.49	99	9.55	12.08	99	.077
2237	06180N0248	BAL1692	1986.86	275	8.76	0.13	8.81	11.21	56	8.58	10.72	93	.077
2240	06254N3436	GIC	1987.03	313	9.33	0.17	9.83	14.20	86	9.19	13.92	45	.040
2241	06261S0935	HJ 731	1986.86	33	11.63	0.01	8.77	10.13	99	8.58	9.88	99	.077
2242	06269N0134	BAL1315	1986.86	139	12.90	0.00	9.78	10.31	99	9.75	10.28	77	.077
2243	06287S0806	J 1474	1986.86	329	6.70	0.04	8.82	10.70	83	8.73	10.57	88	.077
2244	06311N2722	HJ 395	1987.03	139	16.82	0.00	9.14	11.72	93	8.69	10.98	57	.040
2245	06312S0922	HJ 734	1987.03	34	7.89	0.03	9.71	9.72	94	9.72	9.79	79	.040
2246	06371N7812	LDS1638	1987.03	-	-	-	8.33	-	99	8.21	-	-	.040
2247	06393N1352	Σ959	1987.03	175	11.72	0.01	9.83	10.10	99	9.56	9.84	99	.039
2249	06402N0430	J 2434	1986.86	297	6.35	0.07	8.93	11.29	57	8.96	11.01	40	.077
2250	06403N5604	HJ 2338	1987.03	260	19.62	0.34	9.51	13.12	39	8.82	12.78	37	.040
2251	06431S1137	Σ970	1987.03	129	20.08	0.00	9.22	9.71	99	9.01	9.49	89	.040
2252	06466N3135	SEI 466	1987.03	155	29.28	0.00	9.34	11.46	65	9.08	11.44	45	.040
2253	06494N0937	Σ986	1986.86	162	5.36	0.01	8.90	9.78	44	8.68	9.58	50	.077
2254	06514N0422	J 1977	1987.03	168	9.70	0.07	10.18	13.05	99	9.64	12.33	99	.039
2255	06518S2123	B	1986.86	167	6.43	0.12	9.13	13.18	99	9.20	12.73	91	.077
2256	06528S2423	B	1986.86	113	7.90	0.08	8.92	12.42	99	9.07	12.10	99	.077
2257	06563S1947	HDO 95	1987.03	47	12.99	0.10	9.26	12.96	99	9.29	12.65	99	.039
2258	06569S2026	ARA 886	1987.03	321	8.29	0.16	9.28	9.97	99	9.29	9.89	99	.039
2259	06574N4146	ES 1631	1987.03	233	7.62	0.15	10.14	10.83	99	9.97	10.46	18	.039
2260	06595N2737	WOR 18	1986.86	311	12.19	0.31	10.17	14.61	60	9.37	14.11	58	.066
2261	07022N1102	AG	1986.86	54	20.33	0.05	9.07	11.54	99	9.10	11.59	91	.077
2262	07040N6159	ES 1894	1986.86	98	6.00	0.01	10.38	14.75	69	10.05	13.85	62	.113
2263	07089N2611	AG	1986.86	352	27.07	0.05	9.25	10.36	64	9.15	9.87	59	.077
2264	07090N1444	Σ1046	1986.86	136	15.28	0.11	9.47	11.23	99	9.45	11.02	53	.077

Table 7.

Nr	IDS	Name	t	θ	ρ(″)	d(″)	m_VA	m_VB	s_V	m_RA	m_RB	s_R	SD V
2265	07127N1534	SMA	1986.86	136	15.28	0.11	9.47	11.23	99	9.45	11.02	53	.077
2266	07186N2649	HJ 421	1986.86	191	23.94	0.42	9.19	12.05	69	8.50	11.72	64	.066
2267	07188 S 1306	BRT1874	1986.86	87	29.49	0.06	9.94	10.94	70	8.99	9.09	84	.077
2268	07203 S 2619	B 720	1986.86	63	5.18	0.02	10.10	13.12	35	9.99	12.70	33	.066
2269	07241 S 1337	Σ1101	1986.86	88	6.47	0.11	9.50	9.79	32	9.31	9.62	38	.066
2270	07252 S 2343	B 137	1986.86	223	5.80	0.47	8.75	14.27	64	8.74	13.55	59	.066
2271	07282N0930	Σ1114	1986.86	52	6.49	0.03	9.14	9.83	40	8.80	9.45	37	.077
2272	07290 S 3247	JSP 168	1987.03	118	5.84	0.11	9.36	13.10	99	9.09	12.31	99	.040
2273	07292N7806	Σ1100	1987.03	145	31.49	0.16	9.25	13.52	99	8.98	13.28	99	.039
2274	07317N3657	HZG	1987.03	-	-	-	11.20	-	94	10.70	-	-	.039
2275	07333N4220	ES 1386	1986.86	66	8.92	0.01	9.08	11.63	47	8.72	11.06	49	.113
2276	07368 S 2101	ARA1381	1987.03	205	10.92	0.02	7.87	10.55	99	6.96	10.51	99	.040
2277	07370N6108	Σ1125	1987.03	344	22.64	0.83	9.31	11.12	99	9.28	10.10	99	.039
2278	07467N3153	SEI 483	1987.03	151	22.36	0.03	10.36	10.56	99	9.82	9.85	99	.039
2279	07484N1848	COU 44	1986.86	318	7.26	0.13	8.99	13.09	80	8.40	12.62	57	.077
2280	07487 S 3013	COO 61	1986.86	42	8.84	0.17	9.20	9.51	93	9.15	9.47	92	.077
2281	07546 S 1013	HLD 93	1986.86	281	44.29	0.13	8.68	12.92	99	8.65	12.66	99	.077
2282	07571N7755	LDS1670	1987.03	275	15.66	0.16	7.98	14.05	99	7.72	13.09	99	.039
2283	08004N3320	AG 147	1987.03	143	11.10	0.21	9.53	10.77	99	9.30	9.70	99	.039
2284	08018N0741	AG 149	1986.86	238	5.22	0.00	10.18	10.77	29	9.51	9.99	30	.066
2285	08024N2124	COU 91	1986.86	147	10.61	0.09	9.44	11.25	80	8.61	10.26	89	.066
2287	08044N3612	ES 2159	1987.03	58	8.12	0.14	8.61	9.96	26	8.44	9.69	13	.039
2288	08093N4052	ES 1540	1987.03	6	7.15	0.36	9.36	12.78	14	9.04	13.46	16	.039
2289	08093N3847	Σ1204	1987.03	104	11.45	0.01	9.12	10.19	99	8.87	9.87	99	.039
2290	08103N0756	Σ1209	1986.86	192	30.19	0.09	9.52	10.30	99	9.53	9.92	84	.039
2292	08156N3119	SEI 493	1987.03	34	24.25	0.02	10.04	13.22	99	9.71	12.54	99	.039
2293	08176N0757	Σ1219	1986.86	81	12.20	0.03	9.21	9.25	60	8.77	8.80	51	.066
2298	08216N2753	Σ1228	1986.86	351	9.07	0.16	8.70	9.54	63	8.54	9.29	60	.077
2300	08247N0844	Σ1237	1986.86	342	42.64	0.12	9.09	10.03	91	9.12	9.50	77	.077
2301	08248 S 0010	J 1523	1986.86	29	7.91	0.06	9.26	11.54	58	9.23	11.31	59	.077
2302	08255N0028	BAL1138	1986.86	10	5.46	0.03	9.93	12.61	28	9.00	12.26	39	.057
2303	08266N4616	HJ 1161	1987.03	34	24.25	0.02	10.04	13.22	99	9.71	12.54	99	.039
2304	08272N0850	Σ3119	1986.86	217	29.09	0.06	8.50	11.00	61	7.29	10.71	85	.057
2307	08360 S 2040	ARA1058	1986.86	141	11.78	0.05	7.69	11.77	99	6.97	11.64	99	.077
2308	08362N1232	HJ 2462	1986.86	25	14.73	0.03	9.64	10.25	50	9.14	9.98	48	.057
2309	08374 S 0803	Σ1264	1986.86	268	6.34	0.00	9.35	9.45	40	9.08	9.16	39	.077
2311	08398N1337	HJ 105	1986.86	255	25.31	0.08	9.53	10.19	44	8.99	9.87	38	.057
2312	08402 S 2810	B	1986.86	28	8.58	0.02	9.89	14.01	99	9.76	13.70	94	.077
2314	08455N0423	Σ1286	1986.86	81	29.42	0.32	8.89	10.95	30	8.33	10.56	56	.057
2315	08458N0317	BAL2352	1986.86	296	19.47	0.02	9.64	11.84	62	8.65	11.62	77	.066
2316	08467N2850	Σ1288	1987.03	260	7.43	0.07	9.90	9.91	99	9.55	9.63	99	.039
2317	08487 S 0012	Σ1292	1986.86	187	6.06	0.04	9.27	9.57	34	8.97	9.31	41	.077
2320	08545N1040	HJ 5475	1986.86	251	16.65	0.21	9.75	13.15	68	9.70	12.79	82	.066
2321	08548N1336	Σ1299	1986.86	113	23.15	0.41	9.55	11.05	61	9.07	10.76	60	.066
2322	08558N1540	Σ1300	1986.86	183	5.19	0.01	9.19	9.38	24	8.41	8.57	28	.077
2323	08560N2637	Σ1301	1986.86	359	10.12	0.01	9.54	10.28	71	9.33	10.05	75	.066
2324	09012N4744	Σ1310	1987.03	60	20.41	0.02	8.85	11.50	99	8.70	11.23	99	.039
2325	09020 S 2500	HJ 4172	1986.86	218	6.79	0.04	8.56	9.27	45	8.50	9.17	43	.077
2326	09036 S 2140	HDO 121	1986.86	201	14.40	0.01	9.80	11.81	52	9.02	10.77	82	.057
2328	09058N0859	Σ1319	1986.86	50	13.60	0.05	9.95	11.37	79	9.61	11.11	60	.066
2332	09081N2635	Σ1324	1986.86	348	11.52	0.01	9.20	11.61	99	8.67	11.20	85	.077
2335	09110 S 2942		1986.86	152	8.35	0.32	10.14	12.38	67	9.70	11.53	51	.057
2336	09121 S 2453	B 2207	1986.86	-	-	-	8.99	-	86	8.60	-	-	.057
2338	09133 S 2756	B	1986.86	337	8.11	0.16	10.07	12.51	71	9.83	12.12	65	.057
2340	09147N0525	Σ1343	1986.86	274	9.28	0.17	9.12	9.35	77	8.64	8.83	42	.077
2341	09164 S 0350	HJ 132	1986.86	235	26.63	0.25	9.61	12.88	62	9.30	12.47	72	.057

Table 7.

Nr	IDS	Name	t	θ	ρ(″)	d(″)	m_VA	m_VB	s_V	m_RA	m_RB	s_R	SD V
2343	09221 S 2901	COO 267	1986.86	29	5.58	0.01	9.33	9.58	43	9.12	9.27	44	.077
2344	09299 S 1210	Σ1370	1986.86	94	17.87	0.04	9.05	10.02	52	8.95	9.71	52	.057
2345	09372 S 2855	B	1986.86	324	8.69	0.01	9.45	13.46	99	9.27	13.00	99	.077
2347	09478 S 2811	HWE 24	1986.86	195	8.89	0.04	9.40	10.12	90	9.27	9.98	90	.077
2348	09491 S 3117	LDS 290	1986.32	266	8.76	0.02	10.36	14.14	99	9.38	13.30	80	.061
2350	09558N1950	COU 25	1986.86	99	9.99	0.04	9.69	12.52	72	9.38	12.02	70	.077
2369	10469 S 3452	B 2258	1986.32	105	6.30	0.06	9.55	13.36	99	9.73	13.33	96	.061
2374	10569N1017	HJ 172	1987.03	95	13.20	0.23	10.01	10.33	88	9.50	9.76	99	.040
2375	10570N1026	Σ1503	1987.03	271	11.33	0.04	9.16	10.70	99	9.20	10.67	99	.040
2376	10579 S 0250	LDS 330	1987.03	176	14.83	0.01	8.61	12.27	99	9.70	13.82	99	.040
2382	11133N5151	WNC 3	1986.32	206	6.71	0.02	8.83	10.55	88	8.36	10.31	71	.061
2390	11274N2453	Σ1549	1987.03	114	12.89	0.23	9.69	10.85	91	9.22	10.25	99	.040
2391	11294N7121	Σ1551	1986.32	110	6.66	0.03	8.94	10.84	53	8.63	10.61	51	.061
2393	11325 S 1623	HJ 1192	1987.03	359	13.45	0.07	9.22	9.95	86	9.10	9.60	99	.040
2398	11354 S 0117	BAL 539	1987.03	116	6.98	0.09	8.55	12.73	99	8.02	12.52	87	.040
2401	11412N0938	Σ1571	1987.03	298	9.76	0.04	9.80	11.55	89	9.54	11.23	95	.040
2402	11429 S 0804	Σ3074	1987.03	303	10.81	0.03	9.51	9.78	99	9.24	9.49	99	.040
2403	11460N4438	Σ1574	1986.56	6	9.36	0.02	9.61	11.63	43	9.14	11.05	40	.052
2404	11482N2053	Σ1577	1986.56	10	8.56	0.06	10.06	11.55	48	9.72	11.18	41	.052
2405	11508 S 2654	B	1987.03	26	8.64	0.05	9.11	12.60	99	8.50	12.23	99	.040
2406	11543N2126	HO 534	1987.03	139	10.14	0.03	9.17	12.20	68	8.89	11.61	99	.040
2407	11544N4709	ES	1986.56	53	9.67	0.02	9.31	12.32	34	8.96	11.64	32	.052
2408	11547N5209	Σ1587	1986.56	288	16.78	0.22	9.21	11.32	39	8.91	10.82	38	.052
2409	11550N2636	HJ 513	1987.03	253	21.23	0.00	9.28	11.11	49	8.93	10.65	51	.040
2410	11571N7255	Σ1588	1986.56	39	12.31	0.03	9.48	10.03	54	8.94	9.43	42	.052
2411	11578N2733	HJ 515	1987.03	153	35.05	0.61	9.25	12.42	99	8.80	11.85	99	.040
2413	12018N0622	HJ 1210	1986.32	25	9.33	0.06	8.54	10.93	79	8.14	10.20	99	.040
2416	12033N1437	KU 42	1987.03	268	11.18	0.00	10.81	11.16	99	10.49	10.52	88	.040
2417	12036N2221	LDS 930	1987.03	39	15.48	0.03	9.45	14.04	99	9.06	13.20	99	.040
2418	12053 S 0141	Σ1695	1987.03	279	23.56	0.02	9.16	9.60	99	8.92	9.31	99	.040
2419	12075N1119	Σ1612	1986.32	6	5.61	0.01	10.32	10.88	44	10.03	10.56	39	.061
2420	12116N4223	HJ 1215	1986.56	14	25.57	0.00	10.90	11.57	39	10.05	11.08	40	.052
2422	12164N5132	HJ 2610	1986.56	140	25.30	0.02	10.49	10.94	36	10.20	10.67	33	.052
2424	12186N1530	HJ 208	1987.03	190	13.97	0.00	11.26	12.20	53	11.03	11.82	48	.040
2429	12304N5847	Σ1660	1986.56	117	19.79	0.04	9.77	11.10	51	9.56	10.82	40	.052
2431	12338N1324	AG	1986.32	324	8.41	0.04	10.06	11.85	81	9.65	11.48	73	.061
2433	12393N5421	ES 729	1986.56	226	8.70	0.15	9.08	13.49	45	8.65	12.90	36	.052
2437	12497N4321	HJ 2622	1986.56	327	28.38	0.04	9.49	12.77	37	8.94	12.45	38	.052
2438	12501 S 0304	BRT 442	1986.32	199	7.76	0.03	9.53	10.83	99	9.32	10.48	89	.061
2439	12514N4252	Σ1697	1987.03	-	-	-	9.96	-	99	8.69	-	-	.040
2441	12547N4317	HJ 1223	1987.03	191	18.98	0.17	9.34	12.21	99	8.43	11.87	99	.040
2444	12593N1956	Σ1715	1986.32	230	7.17	0.02	9.82	10.53	45	9.66	10.25	38	.061
2454	13204N0544	J 2090	1986.32	27	9.06	0.02	10.87	14.32	73	10.18	13.95	74	.061
2465	13334N0510	BRT2153	1986.32	347	15.30	0.02	12.01	14.90	29	12.05	14.60	23	.061
2484	14100N3424	Σ1818	1986.32	329	5.46	0.01	8.93	10.36	34	8.63	9.94	33	.061
2489	14216N6043	LDS2710	1986.56	152	8.66	0.04	8.84	12.44	30	8.98	12.31	30	.052
2494	14283N2036	HO 387	1986.32	241	9.48	0.04	9.64	12.52	91	9.34	12.13	54	.061
2509	15094N7250	Σ1928	1986.32	274	6.53	0.00	9.53	10.28	34	9.31	10.02	25	.061
2511	15126N3401	Σ1929	1986.32	6	6.42	0.01	9.93	11.45	29	9.29	10.82	29	.061
2516	15170N5307	ES 741	1986.32	233	8.87	0.06	9.70	11.80	53	9.46	11.52	37	.061
2519	15227N0543	Σ1943	1986.32	147	5.15	0.01	9.25	9.69	29	8.83	9.35	36	.061
2520	15229N7730	LDS1819	1986.56	178	14.91	0.26	9.19	9.46	47	11.94	12.04	24	.061
2521	15235N3951	Σ1946	1986.32	343	7.45	0.02	9.25	10.99	52	9.01	10.66	49	.061
2522	15244N3842	Σ1947	1986.32	25	6.83	0.01	9.85	10.23	30	9.46	9.85	30	.061
2525	15285N6733	Σ1958	1986.56	337	29.66	0.02	8.08	8.50	43	8.53	8.95	38	.061
2536	15531N6149	LDS2361	1986.56	234	11.46	0.00	9.57	13.75	45	9.18	12.74	37	.061

Table 7.

Nr	IDS	Name	t	θ	ρ(″)	d(″)	m_VA	m_VB	s_V	m_RA	m_RB	s_R	SD V
2538	15563N5739	GIC	1986.56	358	26.94	0.03	9.64	14.74	38	9.16	13.89	36	.061
2541	15582 S 2139	LDS 548	1986.56	1	8.48	0.04	10.26	11.82	61	9.78	11.27	55	.067
2542	16002N7646	Σ2013	1986.56	277	21.25	0.05	9.99	11.11	28	9.42	10.75	33	.067
2543	16003N6046	Σ2009	1986.56	302	17.31	0.01	9.38	10.83	32	9.13	10.47	27	.061
2545	16046 S 0759	Σ2012	1986.56	219	23.19	0.00	8.77	11.79	54	8.45	11.27	51	.067
2547	16083 S 0723	Σ2018	1986.56	355	19.59	0.06	9.27	10.96	64	9.15	10.63	65	.067
2548	16090N6606	LDS2369	1986.56	-	-	-	9.25	-	35	8.82	-	-	.061
2549	16178N1846	KU	1986.56	130	17.75	0.03	10.71	10.75	67	10.15	10.28	52	.067
2550	16185N0227	Σ2038	1986.56	213	17.28	0.08	8.97	12.25	59	8.47	11.97	34	.067
2551	16226 S 0051	GIC	1986.56	254	23.58	0.42	9.62	14.73	58	9.26	13.98	51	.067
2552	16238 S 1556	J 1591	1986.56	1	8.48	0.02	10.23	11.76	59	9.77	11.25	64	.067
2553	16246 S 2807	HJ 4859	1986.56	95	11.11	0.19	10.23	10.29	61	9.62	9.66	54	.067
2555	16310N4729	Σ2068	1986.32	251	5.04	0.00	9.93	10.02	24	9.68	9.77	24	.061
2556	16322 S 0518	HLD 26	1986.56	10	6.72	0.01	10.51	10.52	28	9.83	9.86	28	.067
2557	16342N1352	Σ2071	1986.56	310	24.88	0.06	9.75	10.22	57	9.60	10.05	50	.067
2558	16368N5249	ES 968	1986.56	230	5.52	0.02	10.01	11.67	37	9.29	10.83	22	.061
2559	16388N3124	SEI 540	1986.56	227	11.52	0.06	9.50	11.30	79	9.28	10.94	78	.067
2560	16402N4746	ARG 77	1986.56	268	15.83	0.03	10.66	10.98	17	10.91	11.36	29	.061
2561	16463N0119	Σ2105	1986.56	129	29.17	0.05	9.04	10.37	80	8.50	10.02	64	.067
2562	16465N5519	Σ2108	1986.56	350	26.66	0.04	8.90	11.22	44	8.48	10.50	35	.061
2563	16491N5357	SWI	1986.56	196	7.12	0.06	9.58	12.62	55	9.45	12.34	40	.054
2565	16518N8232	Σ2125	1986.56	181	12.08	0.01	9.60	11.37	47	9.07	10.80	52	.054
2566	16543 S 1252	DOO	1986.56	197	6.14	0.03	10.10	10.72	35	9.67	10.25	31	[illegible]
2567	16544N6341	Σ2116	1986.56	4	19.08	0.02	9.79	10.57	51	9.48	10.26	52	.054
2568	16589N6521	Σ2124	1986.56	87	14.82	0.00	9.63	10.36	43	9.35	10.08	58	.054
2569	17020N5943	Σ2128	1986.56	45	12.17	0.02	9.05	10.77	57	8.45	9.91	72	.054
2570	17031N0151	AG 208	1986.56	277	14.03	0.03	9.41	10.44	80	9.05	10.09	69	.069
2571	17109 S 1702	STN 34	1986.56	289	17.21	0.06	9.34	10.29	70	8.73	10.07	76	.069
2572	17135N0459	SCJ 14	1986.56	339	23.68	0.02	8.49	9.40	79	7.70	8.56	83	.069
2573	17146 S 0619	Σ2149	1986.56	24	7.33	0.02	9.78	9.96	54	9.43	9.57	47	.069
2574	17175N0428	BU 1248	1986.56	174	8.24	0.15	8.27	10.85	54	8.21	10.28	87	.069
2575	17216N6350	ES 182	1986.56	20	4.59	0.01	10.65	12.70	38	10.37	12.46	29	.054
2576	17255N2444	POU3293	1986.56	231	21.31	0.04	9.29	10.86	79	8.76	10.27	92	.069
2582	17330N5213	ES 635	1986.56	242	6.05	0.01	9.88	13.63	48	9.60	13.15	41	.054
2584	17401N7122	WOR 7	1986.56	262	8.23	0.15	9.61	13.82	51	8.81	13.27	55	.054
2585	17403N6139	Σ2219	1986.56	97	17.17	0.30	8.90	10.12	63	8.10	9.36	53	.054
2601	18141N3453	ES 2231	1986.56	263	7.55	0.00	10.01	12.18	66	8.82	10.98	62	.058
2603	18202N2025	BU 1325	1986.56	349	5.69	0.20	9.85	12.99	67	9.81	13.26	15	.058
2605	18292 S 3402	B 2455	1986.56	336	6.54	0.01	10.14	11.81	41	9.67	11.58	47	.058
2607	18310N6603	ES 1911	1986.56	294	5.81	0.02	10.32	13.37	32	10.37	13.44	28	.058
2615	18415N5931	LDS1466	1986.56	169	13.62	0.02	8.85	9.62	93	7.93	8.67	99	.069
2616	18453 S 2208	HJ 5070	1986.56	51	9.59	0.02	8.87	9.08	90	8.17	8.44	87	.069
2617	18459N3309	Σ2407	1986.56	207	29.37	0.08	8.75	12.57	73	8.07	11.80	93	.069
2618	18484N0316	Σ2413	1986.56	200	10.07	0.01	9.00	9.65	99	8.73	9.40	68	.069
2619	18497 S 1634	ARA 112	1986.56	176	10.67	0.05	9.79	10.91	92	9.68	10.83	99	.069
2620	18538 S 0147	BAL 588	1986.56	317	9.83	0.00	10.73	10.75	71	10.28	10.29	70	.069
2621	18546N4316	HJ 1358	1986.56	264	14.62	0.02	9.14	10.16	82	9.11	10.01	75	.069
2622	18548 S 2448	COO 230	1986.56	196	8.70	0.00	9.37	9.94	63	9.39	9.90	60	.069
2624	18588N2314	POU3666	1986.56	66	8.88	0.02	8.86	13.34	97	8.46	12.83	66	.069
2625	18594N1058	AG	1986.56	160	5.49	0.02	9.02	10.43	49	8.72	9.34	8	.069
2627	19033N2549	Σ2459	1986.56	232	13.81	0.02	8.97	9.84	74	8.87	9.70	89	.069
2628	19036N1936	Σ2460	1986.56	198	9.22	0.01	9.85	10.11	64	9.66	9.80	68	.069
2629	19059 S 1921	B 2474	1986.56	30	7.05	0.32	8.14	13.41	75	7.66	13.44	4	.069
2630	19060N1734	Σ2475	1986.56	321	6.54	0.01	9.07	10.92	62	8.83	10.60	52	.069
2631	19061N1418	HJ 1371	1986.56	88	10.62	0.06	9.78	11.11	83	9.15	10.22	86	.069
2632	19070N0832	HJ 878	1986.56	340	21.89	0.02	9.80	10.88	72	9.53	10.35	89	.069

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Table 7.

Nr	IDS	Name	t	θ	ρ(″)	d(″)	m_VA	m_VB	s_V	m_RA	m_RB	s_R	SD V
2633	19084N3533	ALI 146	1986.56	122	8.07	0.01	9.18	12.00	84	9.22	11.68	68	.069
2634	19140N4750	HJ 1382	1986.56	312	7.70	0.02	8.70	10.40	69	8.73	10.25	55	.069
2635	19163N4940	ES 1095	1986.56	134	6.77	0.12	8.71	12.68	61	8.40	11.28	11	.069
2636	19172N3900	Σ3131	1986.56	300	9.47	0.17	9.13	10.88	68	9.13	10.59	75	.069
2637	19192N2830	MLB 470	1986.56	203	8.60	0.01	9.04	13.17	81	8.13	11.32	5	.069
2638	19200N2803	MLB 471	1986.56	153	15.92	0.01	11.50	14.45	68	10.95	13.82	65	.069
2639	19206N2234	Σ2517	1986.56	138	15.77	0.02	9.30	11.03	88	8.67	10.76	99	.069
2640	19224N2518	Σ2524	1986.56	87	5.67	0.00	9.11	9.49	27	8.98	9.37	29	.069
2701	21019N5841	MLB	1986.56	33	9.70	0.02	10.12	12.82	34	9.92	12.39	33	.067
2702	21019N2519	COU 526	1986.56	152	6.33	0.01	9.71	13.30	43	9.42	12.87	46	.067
2703	21019N0341	BAL2555	1986.56	164	17.16	0.09	8.58	12.83	43	7.92	12.40	53	.067
2704	21023N3203	Σ2759	1986.56	332	18.23	0.04	8.63	10.07	53	8.23	9.84	49	.067
2705	21030N2405	Σ2761	1986.56	112	5.59	0.01	9.39	10.02	33	9.39	9.87	22	.067
2706	21048N1657	Σ2763	1986.56	293	17.11	0.06	9.84	10.91	30	9.58	10.60	44	.067
2708	21062N4357	Σ2772	1986.56	226	12.01	0.02	9.37	11.02	43	8.53	10.89	36	.067
2709	21085N2329	POU5256	1986.56	269	14.91	0.13	14.31	14.66	16	10.14	10.15	36	.067
2710	21101N3308	ES 2316	1986.56	2	5.07	0.10	8.58	10.86	21	8.54	10.51	33	.067
2711	21112N7339	Σ2784	1986.56	346	14.34	0.03	9.01	10.78	30	8.59	10.34	34	.067
2712	21171N5815	HLM 39	1986.56	63	16.96	0.10	9.83	10.63	39	9.53	10.51	19	.067
2713	21175N4423	ES 1334	1986.56	309	5.27	0.10	9.72	13.78	29	9.65	13.55	25	.067
2714	21203N4901	HJ 1643	1986.56	23	26.88	0.06	9.42	12.70	39	9.15	11.84	34	.067
2715	21234 S 1515	LDS 745	1986.56	81	14.48	0.26	9.21	13.09	48	8.87	12.78	26	.067
2716	21252N4926	Σ2800	1986.56	255	9.09	0.08	9.45	10.43	41	9.28	10.16	29	.067
2717	21254N1434	HJ 284	1986.86	307	24.15	0.44	8.82	12.15	96	8.57	11.60	83	.077
2718	21270N3626	HJ 1653	1986.86	194	19.14	0.04	9.58	11.61	90	8.86	11.22	88	.077
2719	21308N0014	HJ 3039	1986.86	152	11.44	0.02	8.79	10.03	62	8.43	9.55	89	.076
2720	21331 S 0047	Σ2811	1986.86	271	30.30	0.21	9.26	13.12	90	8.92	12.68	98	.076
2721	21362N5410	ES 1008	1986.86	309	8.21	0.16	9.24	12.06	64	8.92	10.95	85	.060
2722	21399 S 1407	Σ2821	1986.86	222	27.05	0.02	8.63	11.76	61	7.89	11.39	84	.076
2723	21402N2412	POU5476	1986.86	14	18.87	0.34	9.31	14.58	81	8.64	13.52	99	.077
2724	21422N4438	HJ 1689	1986.86	55	10.42	0.63	9.16	12.40	68	9.14	11.74	99	.060
2725	21461N0239	Σ2830	1986.86	236	26.27	0.47	8.88	11.96	68	8.74	11.21	83	.076
2726	21491N2144	J 2361	1986.86	112	7.64	0.10	8.99	12.03	59	8.36	11.51	51	.077
2727	21500N3925	HJ 1703	1985.86	81	8.99	0.03	9.33	11.79	99	9.25	11.67	91	.060
2728	21506N6[illegible]7	STI1068	1986.86	88	14.25	0.09	9.63	9.92	71	8.87	9.07	81	.060
2729	21526N0432	HJ 3073	1986.86	17	25.25	0.44	9.02	12.39	88	8.78	11.74	99	.076
2730	21586N3555	SEI1551	1986.86	254	21.71	0.12	10.20	11.96	64	9.62	11.25	84	.060
2731	21595 S 3052	I 677	1986.86	272	5.41	0.11	9.11	11.68	65	8.80	10.98	81	.076
2732	21597N3404	SEI1553	1986.86	34	6.16	0.22	9.87	11.99	47	9.58	11.50	32	.060
2734	22044N5428	HJ 1733	1986.86	251	19.85	0.19	8.72	11.91	63	8.05	11.31	80	.060
2735	22048N6038	Σ2870	1986.86	269	5.51	0.03	9.53	10.34	35	9.47	10.30	39	.060
2737	22051N6024	STI1092	1986.86	45	16.05	0.02	9.48	11.48	48	9.34	11.33	56	.060
2738	22085 S 0818	Σ2875	1986.86	44	14.98	0.10	9.25	12.62	99	9.09	12.10	95	.076
2739	22110N6125	FOX	1986.86	174	5.44	0.05	8.86	10.53	27	8.99	10.56	34	.060
2740	22120 S 2413	HJ 5324	1986.86	357	9.75	0.02	9.04	11.23	91	8.56	10.35	77	.076
2742	22170N1445	Σ2897	1986.86	97	16.96	0.03	9.53	10.37	99	9.39	10.16	88	.077
2743	22174N1035	Σ2898	1986.86	282	12.57	0.09	9.12	10.42	98	8.81	10.03	99	.076
2746	22210N2336	POU5702	1986.86	81	12.38	0.41	8.88	13.51	99	8.67	13.05	99	.077
2748	22290N2452	POU5719	1986.86	315	35.07	0.22	10.21	14.06	99	9.67	13.62	99	.077
2751	22308N1648	HJ 967	1986.86	13	19.49	0.02	9.78	11.23	99	9.24	10.90	94	.077
2753	22328N0523	Σ2925	1986.86	3	7.14	0.00	9.56	10.23	60	9.29	9.97	46	.077
2754	22330N4030	ES 264	1986.86	3	8.14	0.29	9.79	13.17	98	9.76	13.24	75	.077
2756	22342N3646	AG 284	1986.86	229	26.45	0.01	10.00	10.17	99	9.89	10.03	99	.077
2757	22344N0639	Σ2930	1986.86	75	21.59	0.27	8.94	10.40	70	8.66	10.00	88	.077
2758	22360N2928	Σ3134	1986.86	76	6.41	0.11	9.71	10.16	50	9.53	9.38	50	.077
2759	22407N4856	SAN	1986.86	323	6.09	0.33	10.57	13.30	71	9.31	12.88	47	.077

Table 7.

Nr	IDS	Name	t	θ	$\rho('')$	$d('')$	m_VA	m_VB	s_V	m_RA	m_RB	s_R	SD V
2760	22441N3746	AG 288	1986.86	183	18.37	0.02	9.44	10.98	99	8.84	10.04	77	.077
2761	22472N2929	Σ2949	1986.86	181	11.38	0.02	10.07	11.37	64	9.74	11.05	69	.077
2763	22494N6137	ES 142	1986.86	330	7.58	0.20	10.20	13.40	73	9.74	12.56	69	.077
2764	22497N1948	BU 847	1986.86	35	6.82	0.00	8.93	10.66	72	8.58	10.32	71	.077
2765	22502N6058	STI1125	1986.86	181	10.98	0.20	10.39	13.41	95	9.98	12.98	82	.077
2766	22535N4123	ES 1594	1986.86	95	9.27	0.16	9.84	12.29	67	9.80	12.06	99	.077
2780	23121N2052	Σ2997	1986.86	221	24.68	0.04	8.95	9.64	99	8.73	9.43	79	.077
2783	23177N1811	J 3193	1986.86	210	7.22	0.02	11.04	12.18	69	10.90	11.96	69	.077
2787	23216N1436	AG	1986.86	251	8.95	0.07	9.97	12.15	86	8.73	11.55	99	.077
2788	23234N1531	EGG 5	1986.86	173	6.61	0.47	9.90	14.63	93	9.20	13.18	70	.077

Table 8. As Table 6 but for $8 \le V < 9$ mag and $\rho < 5$ arcsec; 729 stars.

Nr	IDS	Name	t	θ	ρ(″)	d(″)	m_VA	m_VB	s_V	m_RA	m_RB	s_R	SD V
3097	00477N1734	A 2207	1987.02	165	3.76	0.03	9.13	12.25	8	8.56	11.82	7	.079
3098	00494N0853	Σ74	1987.02	300	3.14	0.00	8.56	9.54	8	8.39	9.32	9	.079
3109	00575S2209	λ10	1987.02	315	5.38	0.01	8.16	10.93	10	7.71	10.07	9	.079
3127	01039N2356	COU 78	1987.03	342	0.79	0.25	9.41	9.47	9	9.01	9.67	9	.033
3217	01467N1019	Σ178	1987.04	23	3.05	0.01	8.07	8.08	12	7.95	7.95	12	.037
3225	01528N2518	A 2011	1987.04	295	3.70	0.07	8.56	12.27	11	8.23	11.49	10	.037
3227	01537N2421	Σ194	1987.03	277	1.26	0.02	7.77	8.19	7	7.64	8.05	7	.033
3233	01568N1142	A 2216	1987.04	144	1.65	0.03	8.56	10.03	13	8.28	9.81	11	.033
3237	02001S1120	HU 15	1987.03	4	1.54	0.06	8.57	10.86	7	8.03	10.85	9	.033
3245	02064S2556	B 28	1987.03	316	2.59	0.08	8.59	13.09	9	8.23	11.96	8	.033
3247	02077N5451	BU 1275	1987.02	204	3.31	0.05	9.07	13.20	10	8.96	13.20	10	.079
3249	02080N3403	Σ229	1987.02	356	2.50	0.02	9.77	10.83	9	9.56	10.23	10	.079
3255	02117N2325	Σ240	1987.04	51	4.80	0.00	8.22	8.51	12	8.08	8.33	12	.037
3256	02118N3738	TUC	1987.02	234	3.26	0.00	9.66	11.44	10	9.22	10.88	8	.079
3258	02131S3111	STN 5	1987.03	200	2.52	0.04	8.18	9.01	10	7.86	8.65	9	.033
3265	02160N0825	BU 8	1987.03	221	1.47	0.01	7.97	9.17	8	7.74	8.93	8	.033
3267	02167N0031	A 2326	1987.03	80	0.84	0.10	7.39	9.45	7	6.49	9.49	6	.033
3273	02203S1003	A 2503	1987.02	332	0.87	0.05	8.95	9.53	10	8.87	9.29	10	.047
3274	02204S3019	BU 739	1987.02	261	1.72	0.03	8.69	8.93	13	8.43	8.63	11	.047
3277	02211N3050	HO 216	1987.02	358	1.35	0.04	8.21	9.68	8	7.98	9.42	8	.079
3290	02264N2807	A 2020	1987.04	65	0.83	0.16	8.42	9.99	12	8.42	9.93	12	.040
3295	02292N4345	A 1528	1987.04	190	1.57	0.15	9.37	9.55	14	9.29	9.52	14	.040
3305	02348N6814	MLR 383	1987.04	139	2.87	0.05	8.98	12.65	10	8.59	12.07	10	.037
3312	02402N4942	ARG 9	1987.04	149	2.74	0.01	8.72	8.87	11	8.42	8.56	11	.037
3313	02410N3609	COU1072	1987.02	45	0.72	0.16	9.21	10.06	9	9.14	10.27	8	.079
3314	02410S0523	BU 83	1987.02	166	0.75	0.12	7.85	8.72	10	7.62	8.51	10	.047
3315	02418N3038	BU 262	1987.04	54	1.68	0.03	8.11	9.71	11	7.66	9.39	10	.037
3320	02426N5331	ES 120	1987.04	73	4.46	0.15	8.89	12.34	13	8.66	12.34	10	.037
3322	02432N3406	HO 217	1987.04	278	2.61	0.01	9.04	10.55	11	9.03	10.44	10	.037
3323	02434N3624	A 1822	1987.02	309	2.00	0.04	8.56	11.68	9	8.60	11.38	10	.079
3329	02474N0604	Σ323	1987.03	278	2.75	0.01	7.77	7.82	8	7.82	7.87	8	.033
3333	02490N6848	Σ317	1987.04	84	3.97	0.00	7.84	9.93	11	7.62	9.57	10	.037
3339	02530N1717	HO 498	1987.03	69	0.61	0.28	9.04	9.67	6	8.63	10.70	7	.033
3347	03010N5616	A 975	1987.04	205	1.60	0.10	8.13	10.01	10	7.07	9.47	10	.037
3348	03013S1349	BU 527	1987.03	94	1.32	0.02	8.14	8.84	8	7.88	8.56	9	.033
3349	03017N3534	HO 499	1987.02	236	1.91	0.03	9.67	12.73	7	9.75	12.69	8	.079
3356	03058N3650	Σ360	1987.02	127	2.68	0.01	9.69	9.98	11	9.27	9.56	9	.079
3358	03062N4355	STT 51	1987.02	320	0.85	0.03	10.16	10.29	10	9.81	9.98	10	.079
3360	03087N3521	HO 502	1987.02	24	0.86	0.05	10.57	11.35	9	10.75	11.46	8	.079
3361	03091S0857	BU 529	1987.03	220	3.24	0.01	8.49	12.21	9	8.19	11.77	7	.033
3364	03105N6652	HU 1056	1987.04	85	1.18	0.06	8.68	8.78	10	8.35	8.44	10	.037
3365	03106N1858	A 2224	1987.03	335	0.98	0.07	7.98	10.12	10	7.28	9.97	9	.033
3368	03115N0440	A 2032	1987.03	271	2.52	0.05	9.25	11.70	11	8.94	11.15	13	.047
3369	03118N4640	Σ371	1987.02	87	3.46	0.04	10.28	12.06	8	10.19	11.88	8	.079
3372	03144S2548	B 47	1987.03	311	4.56	0.08	8.69	11.57	9	8.34	10.95	8	.039
3373	03157N0048	HO 320	1987.02	173	2.00	0.06	8.64	10.61	11	8.36	10.05	12	.047
3378	03177N1613	A 2343	1987.03	15	5.23	0.06	7.76	12.56	7	7.19	11.96	8	.039
3379	03178S1203	RST3380	1987.03	137	2.04	0.06	8.63	12.09	9	8.37	11.69	10	.039
3380	03184N3952	HU 1058	1987.02	107	0.83	0.01	10.63	11.36	8	9.57	10.19	8	.079
3383	03203N1954	A 2344	1987.02	194	1.23	0.02	10.52	11.48	9	10.50	11.43	8	.079
3386	03215N5005	Σ388	1987.03	213	2.78	0.01	8.08	9.09	9	7.94	9.00	8	.033
3390	03226N2843	Σ395	1987.04	91	1.83	0.00	8.53	9.73	11	8.21	9.42	11	.037
3391	03231S0250	RST4228	1987.03	331	0.75	0.19	8.53	9.01	10	8.42	8.60	10	.047
3393	03251N6149	HU 1060	1987.03	358	1.56	0.02	8.83	10.85	9	8.76	10.69	9	.033
3395	03255N1926	Σ403	1987.03	174	2.41	0.04	8.54	8.81	10	8.33	8.56	9	.047
3397	03257S0437	Σ408	1987.03	327	1.28	0.03	8.18	8.27	10	8.05	8.14	9	.047
3400	03273N1513	HU 1061	1987.03	49	2.71	0.04	8.52	11.40	12	8.26	11.23	15	.047

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Table 8.

Nr	IDS	Name	t	θ	ρ(″)	d(″)	m_VA	m_VB	s_V	m_RA	m_RB	s_R	SD V
3402	03285N4331	A 1534	1987.03	67	0.97	0.26	7.94	10.12	9	6.95	10.84	9	.033
3404	03291N3321	Σ413	1987.03	126	2.45	0.00	9.15	9.28	9	8.93	9.02	9	.033
3409	03328N1716	A 2420	1987.03	269	2.12	0.03	9.21	10.16	11	9.09	10.04	11	.047
3411	03331S1152	HU 22	1987.03	125	0.72	0.29	9.88	10.61	10	9.50	10.24	9	.039
3413	03337N4542	STT 59	1987.03	354	2.77	0.00	7.75	8.67	10	7.24	8.20	10	.033
3415	03350N3923	ES 166	1987.04	2	4.75	0.25	8.88	12.40	10	8.82	11.95	10	.037
3419	03374N0735	STT 61	1987.03	129	1.51	0.05	7.85	10.41	10	7.77	10.01	9	.039
3421	03382N3532	HO 504	1987.04	198	1.17	0.02	8.97	9.12	12	8.91	9.01	12	.037
3423	03389S0436	A 48	1987.04	36	3.21	0.21	9.03	12.30	12	9.01	11.95	11	.037
3424	03396N0800	A 1827	1987.03	20	3.96	0.00	9.30	10.60	10	9.05	10.21	11	.047
3426	03399N2250	Σ444	1987.04	335	3.50	0.01	6.85	10.14	15	6.87	9.88	14	.037
3429	03417N4623	A 991	1987.03	317	1.83	0.02	8.17	10.98	8	8.09	10.82	8	.033
3430	03423N5949	Σ445	1987.04	258	3.09	0.01	8.92	9.83	14	8.84	9.72	12	.037
3431	03428N3157	STT 516	1987.04	44	2.15	0.05	7.54	9.68	11	7.43	9.34	10	.037
3432	03434N1440	HO 324	1987.03	331	1.09	0.02	9.17	9.43	7	8.82	9.05	8	.039
3433	03442S0149	BU 539	1987.03	274	2.76	0.10	8.64	11.15	13	8.14	10.77	12	.047
3435	03447N3216	HU 814	1987.03	83	0.93	0.06	9.12	12.15	8	8.93	11.22	8	.033
3437	03463N4054	A 1542	1987.04	289	4.80	0.00	9.46	11.98	13	9.35	11.64	12	.037
3438	03466N4609	A 992	1987.03	198	3.23	0.00	8.96	11.04	8	8.77	10.84	8	.033
3441	03474N4529	A 993	1987.03	57	1.09	0.03	8.38	10.72	7	8.32	10.84	8	.033
3445	03497N1720	BU 85	1987.03	216	4.05	0.01	7.72	10.04	12	7.16	9.70	11	.047
3447	03510N0025	A 2423	1987.03	344	2.73	0.01	9.48	12.13	10	9.24	11.59	8	.047
3450	03514S1057	HO 220	1987.03	113	2.08	0.05	8.35	11.40	9	7.89	11.12	9	.039
3452	03520N3228	HO 505	1987.04	202	1.59	0.12	9.02	10.46	12	8.78	10.27	14	.037
3456	03542S1143	RST4233	1987.03	41	1.55	0.08	8.58	12.99	10	8.32	11.75	8	.039
3459	03556N4643	A 996	1987.03	276	1.47	0.01	8.46	10.76	8	8.34	10.31	8	.033
3461	03574N6444	HU 1073	1987.03	164	0.81	0.02	7.99	9.60	8	7.64	9.35	7	.033
3465	03586N4521	A 997	1987.03	188	1.31	0.06	8.92	11.03	7	8.85	10.58	8	.033
3469	04012N5000	HU 211	1987.03	272	1.62	0.00	8.49	9.87	7	8.44	9.74	8	.033
3473	04030S2905	HWE 9	1987.03	175	1.41	0.03	9.17	9.26	9	8.90	9.02	9	.039
3477	04046N4136	BU 546	1987.04	52	1.08	0.12	9.25	9.29	12	9.00	9.04	11	.037
3478	04057N2543	A 1298	1987.02	160	1.26	0.01	10.49	12.46	9	10.34	11.98	8	.079
3479	04063N2117	HU 1077	1987.03	103	4.06	0.07	8.98	12.25	11	8.34	11.47	11	.047
3481	04070N4220	A 1711	1987.03	91	0.66	0.03	8.50	9.67	7	8.22	9.52	8	.033
3494	04145N5047	HU 213	1987.03	54	0.73	0.21	6.17	8.28	8	8.53	10.57	8	.033
3495	04148N5122	Σ522	1987.04	32	1.52	0.00	9.41	9.44	8	9.30	9.32	8	.033
3499	04165N3515	HO 508	1987.04	224	4.09	0.05	8.51	11.88	11	8.00	11.30	12	.037
3503	04178N7126	A 1004	1987.04	204	4.75	0.07	8.43	12.08	15	8.25	11.58	15	.037
3504	04182N5106	HU 549	1987.03	171	1.81	0.01	10.02	11.09	8	9.71	10.70	8	.033
3506	04192N3156	A 1005	1987.03	221	0.79	0.36	8.70	10.71	8	8.36	10.18	7	.033
3510	04217N6312	Σ540	1987.04	184	3.10	0.01	8.65	10.63	13	8.32	10.32	13	.037
3514	04248N3726	BU 789	1987.03	321	1.04	0.04	8.61	9.45	9	8.27	9.14	11	.033
3515	04256N5050	Σ553	1987.04	135	3.16	0.00	8.64	9.18	13	8.34	8.91	13	.037
3521	04302N6301	HU 1085	1987.04	204	3.70	0.07	7.72	11.26	13	7.66	10.98	13	.037
3522	04308N1917	Σ567	1987.03	339	2.08	0.01	8.91	9.20	8	8.55	8.81	8	.033
3524	04322N0005	A 837	1987.04	345	2.54	0.0[illegible]	9.0[illegible]	11.88	11	8.85	11.44	12	.037
3526	04323S1508	BU 185	1987.04	250	2.63	0.09	8.05	10.27	16	7.71	9.54	18	.037
3534	04395N0506	Σ589	1987.03	282	4.63	0.08	8.68	8.84	9	8.24	8.40	9	.039
3543	04435S2059	BU 312	1987.03	345	3.37	0.01	8.33	9.59	11	8.26	9.48	10	.039
3547	0445[illegible]0407	A 1942	1987.04	32	1.25	0.02	7.88	9.11	15	7.51	8.98	14	.037
3549	04465S1108	RST3404	1987.03	281	4.35	0.08	8.63	13.29	8	8.64	12.64	7	.039
3551	04466N0105	Σ609	1987.04	71	2.86	0.05	8.66	8.90	16	8.32	8.57	15	.037
3552	04470N0531	A 1943	1987.04	229	2.14	0.26	8.62	11.04	13	8.07	10.37	15	.037
3554	04471N2204	HU 444	1987.03	216	4.08	0.12	8.75	12.69	13	8.14	11.84	11	.047
3560	04510N0301	STT 91	1987.03	37	0.62	0.34	7.40	9.51	8	7.59	8.80	8	.039
3562	04513S0202	A 115	1987.03	251	1.28	0.07	8.79	11.71	9	8.75	11.34	9	.039
3564	04532N3126	HO 222	1987.04	218	1.78	0.07	8.17	10.14	13	7.89	9.91	11	.037

Table 8.

Nr	IDS	Name	t	θ	ρ(″)	d(″)	m_VA	m_VB	s_V	m_RA	m_RB	s_R	SD V
3565	04535N2003	A 2427	1987.03	259	4.25	0.07	8.28	11.69	11	7.64	11.24	10	.047
3567	04552N0457	STT 93	1987.03	247	1.20	0.05	8.44	9.11	12	8.11	8.70	11	.047
3570	04574N3214	ES 412	1987.04	273	5.33	0.14	8.30	12.76	13	8.21	12.28	15	.037
3578	05018N5657	A 1029	1987.04	10	1.57	0.05	8.08	11.40	9	7.98	11.07	10	.037
3579	05020N3921	ES 169	1987.04	238	0.71	0.23	8.24	9.42	9	8.59	8.63	12	.037
3580	05029S1441	A 3011	1987.03	235	3.53	0.00	8.22	10.71	12	7.68	10.33	9	.039
3583	05042S1303	RST3413	1987.03	153	1.36	0.09	8.06	9.77	11	7.66	9.65	9	.039
3587	05052N7816	Σ632	1987.04	47	1.66	0.05	8.19	9.71	12	8.07	9.31	13	.037
3590	05060N5438	A 1304	1987.03	88	1.90	0.00	9.00	9.92	8	8.53	9.64	8	.033
3600	05083N3514	HU 556	1987.03	138	2.34	0.04	8.20	10.80	7	7.61	10.54	7	.033
3603	05086N0718	A 1947	1987.03	167	4.58	0.03	8.22	11.96	12	7.70	11.55	10	.047
3610	05108N5243	Σ657	1987.04	294	0.99	0.13	8.25	8.57	13	7.93	8.38	11	.037
3611	05109N1820	Σ670	1987.03	165	2.57	0.04	7.60	8.11	11	7.58	7.97	12	.047
3613	05114N3732	BU 885	1987.03	68	2.66	0.01	7.97	10.72	8	7.90	10.66	9	.033
3615	05124S3104	HU 1389	1987.03	129	1.02	0.06	9.05	9.94	10	8.68	9.57	10	.039
3618	05133S1815	λ49	1987.03	194	4.16	0.02	8.84	12.16	10	8.51	11.33	12	.039
3620	05141N5207	A 1559	1987.04	47	5.22	0.09	8.34	12.32	9	8.15	11.89	10	.037
3626	05166S0209	Σ693	1987.03	11	3.53	0.00	9.00	9.42	12	8.86	9.24	13	.047
3628	05182N3710	HU 1104	1987.03	222	0.96	0.02	9.08	10.21	8	8.86	10.13	9	.033
3629	05182S1722	HLD 73	1987.03	53	2.76	0.01	8.42	9.81	14	9.34	10.51	12	.039
3630	05183N2003	HU 447	1987.03	210	4.86	0.09	8.36	11.46	12	7.71	10.90	11	.047
3637	05219N2313	COU 573	1987.03	111	4.56	0.09	8.19	11.95	12	8.09	11.53	11	.047
3639	05230N3121	A 1035	1987.03	120	1.70	0.03	8.68	10.45	10	8.33	9.84	9	.033
3644	05252N4220	A 1722	1987.03	33	1.49	0.03	8.29	10.49	7	7.87	10.10	9	.033
3648	05266N5151	Σ723	1987.04	105	4.52	0.00	9.08	10.97	11	9.06	10.85	10	.037
3654	05288N1356	TUC	1987.03	51	5.12	0.01	8.67	10.79	12	8.62	10.58	11	.047
3655	05289N5829	A 1307	1987.03	131	4.22	0.01	8.62	11.92	7	8.34	11.49	7	.033
3660	05307S0843	A 489	1987.03	83	3.63	0.02	8.07	10.52	9	8.11	10.54	13	.039
3662	05314S3339	B 1485	1987.03	102	1.22	0.42	8.19	11.46	11	7.65	10.16	10	.039
3664	05325N1805	COU 470	1987.03	180	1.13	-0.04	9.56	10.90	10	9.34	10.36	13	.047
3670	05355S2512	BU 322	1987.03	106	2.53	0.04	8.56	10.21	12	8.67	10.13	15	.039
3671	05357N1910	Σ770	1987.03	331	1.15	0.11	8.68	9.56	10	8.56	9.63	9	.047
3673	05359N1611	STT 114	1987.03	280	3.02	0.05	7.87	10.11	14	7.87	9.94	13	.047
3676	05369N2519	Σ776	1987.03	97	2.64	0.05	8.42	9.47	11	8.35	9.13	10	.047
3679	05376N3053	Σ778	1987.04	185	3.23	0.01	8.31	9.78	10	8.12	9.61	11	.037
3680	05380N3732	HU 1110	1987.03	227	0.81	0.24	8.72	10.64	8	8.50	10.45	9	.033
3681	05381N6316	HU 1111	1987.03	88	1.83	0.01	9.34	12.46	9	9.23	12.24	10	.033
3684	05397S0747	A 497	1987.03	186	2.11	0.08	8.62	10.69	14	8.15	10.20	11	.039
3687	05410N2937	BU 560	1987.04	130	1.58	0.00	7.69	8.14	11	7.38	7.83	11	.037
3688	05427N3609	HU 1233	1987.03	27	0.77	0.03	9.41	9.60	8	9.10	9.35	8	.033
3690	05428N4504	A 1043	1987.02	244	2.37	0.49	8.53	12.26	7	9.11	11.82	9	.079
3691	05428S0220	BU 15	1987.03	184	2.03	0.00	7.30	10.08	10	6.77	9.90	10	.033
3692	05429S2545	B 89	1987.03	274	0.93	0.02	9.39	11.23	9	9.11	10.85	10	.033
3706	05485N1852	Σ813	1987.02	150	3.06	0.05	8.91	9.02	10	8.85	8.98	8	.079
3712	05520N2937	Σ821	1987.03	4	2.19	0.01	8.23	9.40	7	8.16	9.28	8	.039
3713	05525N6458	HU 1117	1987.03	20	1.80	0.03	8.89	10.85	8	8.51	10.30	8	.039
3717	05538S0120	Σ826	1987.02	133	1.96	0.14	8.63	9.55	10	9.20	10.06	12	.079
3719	05560N3246	A 1316	1987.02	189	4.83	0.02	9.24	13.35	7	9.09	12.90	7	.079
3720	05560N1725	A 2442	1987.03	259	4.38	0.11	8.42	13.27	11	8.37	12.44	12	.047
3722	05575S0222	Σ836	1987.03	25	1.99	0.01	8.57	10.11	8	8.51	9.97	7	.033
3728	06004N1229	HO 228	1987.04	267	2.31	0.04	7.78	10.06	8	7.81	9.91	8	.037
3729	06006N7631	Σ824	1987.02	193	1.06	0.04	8.45	10.11	8	8.07	9.83	8	.079
3730	06012N1201	A 2445	1987.03	46	1.59	0.08	8.20	12.73	7	7.46	12.73	8	.033
3750	06065N0229	J 52	1987.04	281	2.08	0.01	8.25	9.65	10	8.29	9.59	9	.037
3754	06079N1016	HO 22	1987.03	203	0.95	0.17	8.44	8.55	12	8.40	8.43	10	.047
3758	06098S0141	BU 323	1987.04	98	2.21	0.00	8.07	9.64	11	7.60	9.54	10	.037
3760	06111S0251	BU 1019	1987.04	286	0.80	0.28	8.04	9.46	10	7.96	9.78	10	.037

Table 8.

Nr	IDS	Name	t	θ	ρ(″)	d(″)	m_VA	m_VB	s_V	m_RA	m_RB	s_R	SD V
3761	06118N0607	A 2718	1987.04	124	2.48	0.02	8.63	12.24	8	8.57	12.14	9	.037
3769	06166N1205	J 347	1987.03	165	1.85	0.24	8.22	10.75	15	8.29	10.41	15	.047
3772	06171N3223	HU 830	1987.02	232	0.95	0.10	9.62	12.02	8	9.37	11.47	8	.079
3778	06206N0435	A 2724	1987.04	196	0.86	0.05	8.39	9.09	9	8.47	8.98	10	.037
3784	06226S1146	HU 218	1987.04	45	1.38	0.02	9.35	11.82	8	9.32	11.50	8	.033
3786	06228N1147	A 2725	1987.04	128	1.51	0.00	9.19	12.06	8	8.96	11.64	8	.033
3787	06230N3640	Σ912	1987.02	28	3.34	0.03	8.75	10.58	9	8.69	10.37	11	.079
3789	06246S0002	A 854	1987.04	166	2.15	0.02	8.65	11.09	9	8.61	10.86	10	.037
3796	06263S2404	HJ 3866	1987.04	139	4.38	0.00	8.45	10.20	14	8.17	7.81	10	.033
3809	06325N5254	A 1733	1987.02	129	1.56	0.00	8.96	11.74	7	8.88	11.51	7	.079
3813	06344N0040	RST5241	1987.04	215	3.12	0.01	8.27	12.08	9	8 08	11.81	8	.037
3824	06379N0613	A 2823	1987.03	300	4.48	0.08	7.94	10.07	13	7.92	9.80	12	.047
3825	06379S2221	B 1963	1987.04	0	0.94	0.20	8.37	9.99	10	8.35	10.35	10	.037
3826	06380N1115	J 697	1987.03	182	1.90	0.04	9.08	10.47	11	8.97	10.16	13	.047
3829	06390N0230	A 2679	1987.04	4	2.24	0.04	9.07	11.81	10	8.96	11.64	9	.037
3830	06394N1221	A 2826	1987.03	259	4.92	0.43	8.57	12.70	12	8.59	12.01	11	.047
3832	06406S3213	COO 43	1987.04	264	4.81	0.00	9.06	9.98	13	9.06	9.94	11	.033
3838	06427N0021	A 2829	1987.04	92	3.46	0.03	8.57	12.66	8	7.59	12.39	8	.037
3839	06427S2034	HWE 16	1987.04	190	4.38	0.00	8.21	10.04	14	7.59	9.99	11	.033
3844	06436S0357	A 58	1987.04	158	4.83	0.01	7.31	8.44	11	7.04	8.08	9	.033
3850	06469N0122	A 2831	1987.04	148	0.62	0.08	8.14	9.27	9	7.71	7.83	10	.037
3851	06470S2835	I 182	1987.04	131	0.92	0.09	7.80	9.27	10	8.57	9.31	11	.033
3853	06478S2628	BU 325	1987.04	36	1.75	0.06	7.95	9.24	11	8.01	9.26	12	.033
3858	06492N1134	A 2832	1987.03	331	3.16	0.03	8.03	11.59	12	7.71	10.94	12	.047
3863	06496S0359	RST4829	1987.04	313	0.82	0.08	8.27	10.03	10	8.11	11.57	10	.033
3868	06508S2815	B 1521	1987.04	191	2.28	0.05	8.38	10.42	11	8.08	9.91	12	.033
3870	06510N0226	BU 326	1987.04	341	0.52	0.06	7.83	8.80	9	7.22	8.10	7	.037
3875	06530N2113	A 2121	1987.03	122	3.84	0.07	8.31	11.98	11	8.24	11.64	12	.047
3876	06530S2834	I 432	1987.04	192	1.08	0.18	9.11	9.23	10	8.79	8.83	10	.037
3877	06537S1003	A 515	1987.04	312	1.70	0.02	8.39	9.66	9	8.34	9.59	10	.033
3879	06548S0815	A 1062	1987.04	145	0.75	0.02	8.19	9.67	9	7.73	9.67	8	.037
3880	06549N5411	A 1575	1987.02	286	0.76	0.02	8.64	9.38	8	8.36	9.25	7	.079
3882	06558S0032	A 1739	1987.04	57	0.74	0.25	7.42	9.37	9	7.24	10.73	8	.033
3885	06563S1511	Σ1011	1987.04	299	4.27	0.01	8.57	9.03	9	8.51	8.94	10	.037
3888	06572N1314	HO 342	1987.03	83	1.20	0.04	7.88	8.54	12	7.64	8.22	11	.047
3890	06579N2422	A 1064	1987.03	177	5.14	0.02	8.46	13.40	10	8.52	12.74	10	.047
3891	06593N0400	A 2735	1987.04	265	4.43	0.00	8.03	11.28	9	7.84	11.28	9	.033
3894	07001S0043	A 1741	1987.04	21	1.04	0.06	8.27	8.72	9	7.95	8.49	9	.037
3899	07014S0908	A 1067	1987.04	84	1.04	0.08	9.01	9.96	11	9.16	9.70	12	.033
3901	07030N1050	A 2844	1987.04	297	3.03	0.06	8.97	12.15	11	8.48	11.79	10	.037
3906	07044N4512	A 1068	1987.02	129	3.31	0.00	9.24	10.88	8	9.02	10.52	8	.079
3908	07053N3509	HU 1120	1987.03	227	4.24	0.00	8.58	12.27	7	8.59	11.99	9	.039
3916	07078S0941	A 1327	1987.04	192	2.25	0.04	8.58	11.51	10	8.47	11.42	10	.033
3918	07079N1908	A 2524	1987.03	304	2.88	0.06	9.19	11.78	13	8.98	11.39	14	.047
3919	07080N1806	A 2525	1987.03	96	0.99	0.10	8.28	9.73	11	7.96	8.98	11	.047
3920	07086S1456	HU 455	1987.04	203	3.93	0.05	8.47	10.30	11	8.41	10.18	11	.037
3928	07105S2051	HO 344	1987.04	4	1.46	0.03	9.02	9.61	11	9.06	9.59	10	.037
3938	07144S0043	BU 330	1987.04	215	1.37	0.05	8.77	9.85	10	8.79	9.90	10	.033
3940	07148N0358	A 2862	1987.04	63	0.80	0.04	8.05	9.95	9	7.24	9.95	9	.037
3947	07172N6509	HU 840	1987.02	103	0.98	0.03	8.49	10.22	8	7.97	10.00	8	.079
3948	07174N0126	A 2942	1987.04	293	1.43	0.16	9.28	12.45	10	9.27	12.21	9	.037
3949	07175S2834	B 1058	1987.04	266	3.73	0.00	10.16	13.45	13	10.15	12.98	12	.037
3950	07178S1953	B 1972	1987.04	10	0.84	0.27	9.00	9.74	10	7.89	9.38	10	.037
3952	07189N7532	A 1069	1987.03	346	0.70	0.03	8.89	9.75	7	8.84	9.76	7	.039
3955	07201S3317	DAW 127	1987.04	28	2.10	0.03	8.70	10.75	13	8.34	10.15	14	.037
3957	07207S2049	HJ 3964	1987.04	347	4.51	0.00	9.11	9.62	11	9.02	9.52	10	.033
3958	07213S2726	B 723	1987.04	33	1.65	0.09	9.67	11.19	13	9.64	11.38	13	.037

Table 8.

Nr	IDS	Name	t	θ	ρ(″)	d(″)	m_VA	m_VB	s_V	m_RA	m_RB	s_R	SD V
3961	07221N4730	A 2046	1987.03	244	1.42	0.01	8.07	9.76	8	7.58	9.50	8	.039
3963	07228N4927	Σ1092	1987.02	71	2.87	0.00	8.70	10.51	8	8.69	10.32	10	.079
3966	07243N2539	A 2528	1987.03	135	2.12	0.12	8.45	12.78	8	7.72	12.14	8	.047
3968	07265N2119	COU 378	1987.03	309	5.50	0.01	8.07	12.97	9	8.06	12.28	10	.047
3969	07267S0756	HJ 54	1987.03	272	1.62	0.00	7.85	9.23	7	7.69	8.99	8	.047
3971	07271N2620	COU1109	1987.02	70	4.24	0.10	8.34	12.97	8	8.32	12.75	7	.079
3974	07285N2151	HU 707	1987.02	19	2.45	0.01	9.03	10.78	8	8.87	10.45	8	.079
3975	07286S2739	RST1353	1987.04	309	5.70	0.04	8.87	14.01	11	8.67	13.46	11	.037
3981	07321N7602	Σ1107	1987.03	213	1.28	0.02	8.67	10.31	8	8.53	10.07	9	.039
3987	07348N2329	HU 457	1987.03	145	2.54	0.04	8.43	11.07	10	8.40	10.67	9	.047
3991	07389S2832	I 486	1987.04	286	0.94	0.13	8.76	9.83	11	8.77	9.53	10	.037
3992	07390S1232	RST3541	1987.04	73	0.82	0.02	8.88	10.58	10	8.27	10.59	9	.033
3995	07394N2614	HO 246	1987.03	228	2.48	0.09	7.33	11.54	9	6.51	10.91	9	.047
3998	07406N1358	SCJ 8	1987.03	25	2.27	0.01	8.59	9.39	10	8.48	9.17	10	.047
4002	07413N0422	Σ1137	1987.04	133	3.05	0.01	7.81	8.93	12	7.32	8.90	11	.040
4003	07426N2239	BRT2378	1987.03	111	4.91	0.09	8.40	12.59	9	7.87	11.73	11	.047
4007	07447S2710	B 744	1987.04	203	4.73	0.01	9.41	11.19	10	9.56	11.16	10	.037
4013	07492N2156	HO 249	1987.03	203	3.16	0.09	8.61	12.48	10	8.40	12.07	9	.047
4014	07495N1039	A 2953	1987.04	164	1.98	0.05	9.64	12.47	13	9.29	11.87	11	.040
4016	07511S3050	B 1568	1987.04	240	3.42	0.01	8.75	11.37	12	8.17	11.00	13	.037
4020	07538N0636	J 70	1987.04	309	2.25	0.00	8.22	10.07	10	8.05	9.90	9	.033
4021	07542N1358	Σ1170	1987.04	105	2.38	0.00	8.70	8.98	11	8.86	9.13	10	.033
4022	07542S1824	B 1977	1987.04	141	4.49	0.10	9.11	12.71	14	9.11	12.68	12	.040
4026	07552S1335	HLD 94	1987.04	280	3.30	0.03	8.22	10.34	16	8.14	10.02	18	.040
4029	07562S1330	HU 223	1987.04	234	5.05	0.65	10.86	14.63	11	8.98	14.41	11	.033
4033	07572N0426	Σ1175	1987.04	272	1.38	0.03	7.75	9.21	9	7.41	8.66	12	.037
4034	07573S1519	RST3564	1987.04	330	0.69	0.10	9.09	9.43	10	8.64	8.77	9	.037
4038	07592S0134	BU 903	1987.04	34	1.65	0.03	8.24	9.75	14	8.24	9.68	12	.040
4039	07594N7439	A 1074	1987.04	34	1.65	0.03	7.48	8.99	14	7.49	8.93	12	.037
4042	07597S0232	A 541	1987.04	264	1.18	0.15	9.22	9.90	12	9.15	10.20	12	.033
4044	08001N0607	Σ1182	1987.04	73	4.67	0.02	7.47	8.77	16	7.49	8.60	14	.040
4054	08023N2551	ES 425	1987.03	281	3.84	0.07	8.10	12.52	10	7.83	12.04	11	.047
4060	08040S3110	B 1582	1987.04	123	2.07	0.05	8.66	11.16	11	8.64	10.91	9	.037
4064	08064S0654	A 545	1987.04	251	3.71	0.05	8.14	11.95	15	7.82	11.22	12	.040
4069	08082N1556	PHS	1987.04	338	1.31	0.09	8.59	9.49	11	8.03	9.26	12	.037
4073	08086N0217	BU 1244	1987.04	1	0.99	0.10	8.51	9.08	10	8.29	8.66	10	.037
4077	08106S2122	B 1980	1987.04	306	4.44	0.09	8.04	12.32	10	7.49	11.82	11	.037
4080	08120S2829	HLD 95	1987.04	169	3.56	0.06	9.31	9.98	9	9.17	9.75	11	.037
4092	08172S0630	A 549	1987.04	146	4.26	0.02	9.14	10.76	14	9.10	10.52	17	.040
4101	08209N0450	Σ1226	1987.04	144	2.50	0.02	8.47	10.11	14	8.36	9.85	12	.040
4105	08224N1638	A 2545	1987.02	191	2.70	0.03	8.74	12.85	8	8.69	12.61	7	.079
4116	08308N2231	BRT2390	1987.02	83	4.74	0.10	8.34	11.67	8	8.08	11.36	7	.079
4118	08311S2446	BU 206	1987.02	276	1.93	0.00	8.15	8.47	10	7.60	8.16	11	.079
4122	08325S0607	A 339	1987.04	12	2.31	0.07	8.27	11.54	10	7.79	11.23	11	.037
4124	08346S0913	RST4415	1987.04	174	1.04	0.09	8.84	10.65	8	8.87	10.07	9	.037
4130	08362S3149	STN 61	1987.04	203	4.60	0.02	8.50	9.70	14	8.44	9.58	15	.037
4146	08439S1740	A 3067	1987.02	39	1.73	0.03	8.30	10.21	9	7.68	9.83	9	.079
4148	08442N0403	A 2899	1987.03	290	0.95	0.21	8.08	9.85	10	7.50	11.05	10	.039
4150	08463S2839	RST1407	1987.03	157	0.73	0.14	9.59	11.09	11	9.58	10.73	9	.039
4151	08480N1132	A 2964	1987.02	45	1.46	0.03	8.57	11.84	8	8.32	11.49	8	.079
4152	08481N4358	Σ1289	1987.04	6	3.76	0.01	8.08	8.85	10	7.77	8.47	9	.033
4153	08482N0535	A 2752	1987.04	230	5.24	0.00	9.02	11.43	13	8.89	11.10	12	.040
4163	08547N2251	HO 360	1987.02	155	3.97	0.00	8.34	11.64	8	8.29	11.18	7	.079
4165	08548N2307	Σ1297	1987.02	160	4.98	0.09	8.80	10.14	8	8.33	9.84	7	.079
4167	08559S2447	B 172	1987.03	173	5.20	0.01	8.10	13.48	9	8.04	12.71	8	.039
4169	08565N1500	HU 863	1987.04	150	4.32	0.08	9.29	12.95	11	8.76	11.95	10	.040
4170	08566N0236	A 2753	1987.04	49	2.08	0.11	8.58	11.46	12	8.52	11.22	11	.040

Table 8.

Nr	IDS	Name	t	θ	$\rho('')$	d('')	m_VA	m_VB	s_V	m_RA	m_RB	s_R	SD V
4179	09015S2656	B 176	1987.03	64	2.89	0.05	8.27	11.32	15	7.69	11.12	15	.039
4185	09040N1346	HU 867	1987.02	182	2.28	0.04	8.48	11.63	9	8.14	11.13	10	.079
4189	09071N1656	Σ1322	1987.02	54	1.76	0.01	8.30	8.66	9	8.26	8.62	9	.079
4190	09071S1624	BU 336	1987.04	239	1.82	0.00	8.87	10.01	13	8.81	9.82	11	.037
4191	09096N0438	BU 455	1987.04	69	1.83	0.05	7.97	9.75	11	7.42	9.22	10	.040
4192	09098S1816	A 3075	1987.04	140	3.06	0.06	7.66	11.97	9	7.07	11.55	9	.033
4193	09118S2243	HJ 4193	1987.04	118	3.13	0.00	8.61	9.39	10	8.47	9.18	9	.033
4196	09132N2320	HO 364	1987.02	336	4.01	0.03	8.64	11.26	8	8.25	11.02	8	.079
4203	09174S0039	A 1760	1987.03	317	5.34	0.19	9.06	12.19	8	9.36	11.66	7	.039
4204	09174S2017	B 775	1987.04	299	2.79	0.01	9.14	12.36	9	8.46	11.93	9	.033
4205	09176S0802	A 1083	1987.04	58	4.38	0.08	8.47	10.76	11	8.17	10.32	14	.040
4210	09204N1920	COU 935	1987.02	250	0.63	0.09	9.34	9.68	9	8.97	10.08	9	.079
4211	09222N1120	J 388	1987.04	350	5.02	0.02	8.51	11.10	15	7.88	10.81	13	.040
4214	09234S0739	BU 213	1987.04	172	1.77	0.03	8.26	10.05	12	8.19	9.85	10	.037
4216	09241S2022	I 495	1987.04	135	0.96	0.13	8.18	9.25	11	8.22	9.15	10	.033
4217	09244S2000	B 1124	1987.04	255	3.06	0.02	8.36	12.42	9	8.20	11.81	9	.033
4219	09262S1518	BU 339	1987.04	241	1.33	0.03	8.83	9.83	13	8.55	9.41	13	.037
4221	09279N0937	A 2756	1987.04	358	1.51	0.13	8.44	11.43	10	8.31	11.05	12	.040
4228	09309N1923	COU 386	1987.02	244	0.74	0.22	9.13	9.95	8	8.39	10.91	8	.079
4230	09336N1544	HU 873	1987.02	41	4.02	0.02	9.23	13.06	9	9.12	12.54	9	.079
4232	09354N2733	A 2052	1987.03	317	5.24	0.01	9.18	12.31	8	8.92	11.90	7	.039
4234	09356N1823	A 2480	1987.02	332	1.26	0.11	9.07	12.27	9	8.81	12.10	8	.079
4246	09399S1112	RST3662	1987.03	149	0.71	0.27	8.88	9.17	11	8.41	8.59	12	.047
4247	09402S2910	RST 427	1987.03	150	0.78	0.14	9.74	10.13	11	9.34	9.67	11	.047
4248	09407S1953	I 496	1987.03	347	2.78	0.06	8.73	9.83	11	8.58	9.55	10	.047
4251	09434S2708	HLD 99	1987.03	218	2.02	0.04	8.30	10.01	12	8.22	9.82	12	.047
4255	09444S0425	A 2979	1987.04	235	2.19	0.05	9.13	11.97	11	8.83	11.31	12	.033
4256	09445N1702	Σ1385	1987.02	329	1.03	0.12	8.93	10.61	8	8.51	11.09	10	.079
4257	09445S3433	HJ 4249	1987.04	122	4.33	0.00	8.23	8.26	13	8.01	8.01	13	.037
4258	09449N0216	A 2560	1987.04	17	1.13	0.05	8.81	9.73	12	8.49	9.44	11	.040
4259	09461N4126	A 2139	1987.04	291	1.89	0.04	7.96	10.33	9	7.80	9.96	10	.037
4260	09466S1605	RST3665	1987.04	61	1.24	0.07	8.04	10.96	12	7.79	10.50	11	.033
4261	09467N2727	Σ1389	1987.04	294	2.50	0.00	8.97	9.37	10	8.55	8.90	9	.033
4263	09470N8051	Σ1380	1987.04	24	1.52	0.24	8.02	10.19	13	7.62	9.55	14	.037
4266	09509N4623	Σ1394	1987.04	249	4.42	0.01	8.76	9.61	10	8.44	9.21	11	.037
4267	09511N2532	Σ1397	1987.03	99	1.10	0.04	9.23	10.61	8	8.89	10.51	8	.039
4268	09522S0854	A 1345	1987.03	227	3.92	0.23	9.17	12.02	11	8.98	11.54	10	.047
4270	09545N1639	A 2482	1987.02	44	0.85	0.18	9.08	10.31	10	8.84	9.91	9	.079
4271	09549N6916	Σ1400	1987.04	225	3.30	0.00	7.98	10.42	11	7.74	9.88	10	.033
4276	09563N4651	STT 210	1987.04	258	1.24	0.00	8.39	9.02	8	7.93	8.69	8	033
4277	09576N6010	MLB 165	1987.04	86	4.07	0.07	8.29	11.48	9	8.27	11.16	9	.033
4280	09596N4132	A 2142	1987.04	288	1.01	0.18	7.88	8.79	10	7.70	8.63	11	.033
4281	09599N3134	Σ1406	1987.04	222	0.87	0.02	8.36	9.24	8	8.20	9.09	8	.033
4282	10035S2150	RST2675	1987.03	70	1.85	0.17	8.70	12.44	11	8.39	11.75	11	.047
4284	10046S3426	DAW 49	1987.03	248	3.57	0.05	8.96	11.66	14	8.85	11.28	14	.047
4285	10056N0811	A 2565	1987.03	261	1.26	0.04	8.67	10.57	11	8.37	10.25	11	.047
4290	10097N1937	Σ1417	1987.02	258	2.38	0.00	9.24	9.28	8	8.98	9.04	9	.079
4291	10106N3339	HU 634	1987.04	169	1.92	0.07	8.94	10.61	11	8.39	10.06	12	.037
4292	10118N1037	Σ1419	1987.02	225	4.46	0.08	8.95	9.90	10	8.91	9.81	9	.079
4293	10119S1016	HU 566	1987.03	203	0.98	0.16	9.07	10.67	10	9.08	9.90	9	.047
4294	10124N2801	Σ1421	1987.03	331	4.57	0.00	8.01	9.14	8	7.79	8.99	7	.039
4295	10125N3801	HU 875	1987.04	76	1.13	0.07	8.19	10.17	9	8.08	9.84	11	.037
4296	101[illegible]N1741	A 2369	1987.02	295	1.12	0.04	8.20	10.54	9	7.39	9.98	8	.079
4297	10131S0555	A 65	1987.03	160	4.73	0.09	8.70	12.77	9	8.67	12.20	9	.039
4300	10151S0350	HO 531	1987.03	124	3.00	0.02	7.91	11.07	10	7.71	10.78	9	.039
4301	10158S1551	HLD 103	1987.03	342	1.68	0.04	9.15	9.53	11	8.79	9.08	11	.047
4302	10168S0916	BU 25	1987.03	143	1.70	0.00	8.27	8.95	8	7.94	8.55	8	.039

Table 8.

Nr	IDS	Name	t	θ	ρ(″)	d(″)	m_VA	m_VB	s_V	m_RA	m_RB	s_R	SD V
4309	10245S2758	B 200	1987.03	198	4.35	0.05	8.61	13.06	9	7.96	12.63	8	.039
4310	10246N2119	Σ1439	1987.02	84	1.44	0.05	8.30	8.84	9	7.98	8.52	10	.079
4313	10264N4702	A 1994	1987.04	81	1.58	0.01	9.03	11.42	8	8.83	11.05	7	.033
4314	10272S0741	A 345	1987.03	197	0.74	0.15	8.36	9.99	7	7.99	9.94	7	.039
4315	10276S0021	Σ1445	1987.03	157	2.97	0.00	9.07	10.75	10	8.76	10.38	9	.039
4316	10282N0736	A 2767	1987.03	47	4.73	0.01	8.51	12.38	9	8.24	11.93	8	.039
4321	10326N2708	Σ1454	1987.04	339	1.71	0.06	8.91	10.76	12	8.33	9.93	14	.040
4324	10337N0753	J 79	1987.03	136	1.59	0.02	8.95	10.03	8	8.67	9.69	8	.039
4326	10341S0522	A 66	1987.03	144	0.70	0.09	9.10	9.62	8	8.81	9.62	8	.039
4328	10348N4240	Σ1460	1987.04	162	3.70	0.01	8.63	8.75	10	8.42	8.53	9	.033
4330	10368N1648	A 2483	1987.02	225	2.02	0.02	9.32	11.21	9	9.01	10.80	9	.079
4333	10388S2434	B 204	1987.03	293	3.21	0.06	8.69	12.83	10	8.16	12.20	10	.047
4334	10394N4530	Σ1467	1987.04	291	4.04	0.02	8.45	10.77	8	7.93	10.51	9	.033
4335	10396N3902	HO 532	1987.04	261	0.66	0.06	9.39	11.23	9	8.70	9.76	9	.033
4337	10412S0514	Σ1470	1987.04	12	1.43	0.04	9.02	9.14	12	8.67	8.92	12	.040
4340	10442N2322	HO 374	1987.02	271	3.72	0.01	9.21	11.88	9	8.95	11.43	10	.079
4341	10451S3425	RST2713	1987.04	141	0.66	0.22	9.22	9.66	10	9.05	9.46	11	.037
4343	10459S1930	RST3715	1987.03	334	0.69	0.25	9.11	9.91	9	9.00	9.42	10	.047
4345	10468N0936	A 2772	1987.04	97	2.53	0.05	3.01	10.96	10	7.60	10.36	13	.040
4346	10474N0532	A 2773	1987.04	355	1.52	0.03	8.46	9.66	13	8.02	9.45	12	.040
4347	10483S1013	A 132	1987.04	201	4.48	0.00	9.13	10.14	13	8.81	9.78	13	.040
4352	10494N2417	BU 597	1987.02	47	1.01	0.05	9.22	10.25	9	9.20	9.79	9	.079
4365	10571S1509	H 177	1987.03	23	2.97	0.04	8.59	8.89	11	7.72	7.99	10	.039
4366	10572S1119	HU 231	1987.03	49	4.87	0.02	9.00	12.85	9	8.72	11.96	9	.047
4367	10586N2341	HO 48	1987.02	359	1.80	0.07	8.57	10.89	9	8.31	10.41	9	.079
4369	10590N1447	HU 884	1987.02	225	4.18	0.01	8.41	12.64	9	7.77	12.36	8	.079
4371	11001N5122	HU 638	1987.04	329	1.87	0.07	8.80	11.21	12	8.31	10.99	13	.033
4372	11004S0554	A 69	1987.03	64	1.45	0.06	9.29	10.55	10	8.90	10.07	12	.047
4375	11040S3420	DAW 133	1987.03	157	0.80	0.25	9.86	10.21	12	8.98	10.08	11	.047
4376	11046N1042	A 2775	1987.02	281	0.64	0.14	8.80	9.34	9	8.20	10.12	8	.079
4378	11093S0153	J 91	1987.02	56	0.78	0.20	8.76	11.11	10	8.83	9.70	9	.079
4379	11099S2233	DON 466	1987.03	219	2.96	0.06	9.12	12.86	10	8.44	11.84	11	.047
4382	11110N0208	Σ1522	1987.02	177	2.57	0.02	8.95	10.93	10	8.68	10.55	10	.079
4383	11111N2758	A 558	1987.02	343	3.23	0.09	9.10	12.95	10	8.60	12.86	11	.079
4384	11114S2330	B 210	1987.03	72	4.63	0.10	8.96	13.57	10	8.76	13.18	10	.047
4387	11139S1113	HU 130	1987.03	123	1.18	0.04	8.74	8.82	10	8.48	8.56	10	.047
4388	11142S3028	I 506	1987.03	151	0.87	0.17	8.65	8.68	11	8.02	8.68	10	.039
4390	11150N4357	A 1846	1987.04	167	1.87	0.03	8.69	11.68	9	8.06	11.29	11	.033
4397	11187S0952	BU 26	1987.03	67	2.95	0.01	7.59	9.95	10	6.95	9.53	9	.039
4399	11192N2110	Σ1537	1987.02	357	2.31	0.01	8.09	8.97	10	7.84	8.68	10	.079
4400	11213S2208	B 1697	1987.03	135	3.09	0.05	8.19	12.88	8	8.00	12.28	8	.039
4401	11216N5546	A 1354	1987.04	123	1.25	0.35	7.72	11.92	9	7.21	10.96	9	.033
4403	11222S0819	A 138	1987.03	216	1.79	0.01	8.58	9.76	9	8.50	9.51	9	.039
4404	11226N5613	A 1355	1987.04	360	1.50	0.05	7.67	11.85	9	7.58	11.15	8	.033
4405	11230S2757	B 214	1987.03	360	1.50	0.05	8.97	13.15	9	8.97	12.54	8	.039
4408	11247S2047	DON 484	1987.03	107	4.61	0.00	7.94	11.70	10	7.65	11.22	8	.039
4409	11248N0345	BU 340	1987.02	10	4.36	0.00	8.22	10.56	12	8.00	10.11	10	.079
4410	11259N2805	A 559	1987.03	153	2.38	0.02	8.82	12.57	7	8.56	12.15	7	.039
4412	11262N0337	J 85	1987.02	166	5.21	0.02	7.58	11.94	9	7.48	11.36	9	.079
4415	11274N5558	A 1593	1987.04	255	4.18	0.07	9.01	10.63	10	8.77	10.31	9	.037
4416	11274S0451	A 71	1987.02	55	0.76	0.17	8.59	10.64	9	8.05	10.05	10	.079
4420	11299S3153	I 1213	1987.03	152	1.51	0.17	9.04	11.35	11	8.78	10.34	12	.039
4421	11305N6654	STT 236	1987.04	200	1.93	0.16	7.93	10.92	11	7.62	10.67	9	.033
4423	11336N4142	STT 237	1987.04	248	1.92	0.01	8.01	9.23	9	7.76	8.80	8	.033
4425	11343N2551	A 678	1987.02	204	1.27	0.09	7.78	10.82	10	7.48	10.44	9	.079
4428	11354N2135	Σ1566	1987.02	349	2.47	0.00	8.46	9.89	8	7.97	9.62	9	.079
4431	11358S0214	A 1356	1987.02	288	1.45	0.04	8.98	10.30	11	8.68	10.00	11	.079

Table 8.

Nr	IDS	Name	t	θ	$\rho('')$	d('')	m_VA	m_VB	s_V	m_RA	m_RB	s_R	SD V
4434	11374N6455	Σ1567	1987.04	84	3.55	0.01	9.33	10.49	10	9.16	10.25	13	.033
4436	11384N1115	BU 917	1987.02	176	3.94	0.02	8.57	11.25	9	8.42	10.82	11	.079
4438	11394S0732	A 140	1987.03	139	2.54	0.01	9.02	10.90	10	8.67	10.45	9	.039
4440	11408N0820	A 2778	1987.02	79	0.80	0.04	8.27	10.28	10	8.02	8.91	10	.079
4444	11447S3153	I 1550	1987.03	141	0.91	0.32	8.29	11.08	10	8.26	9.22	9	.047
4449	11465N4521	HJ 842	1987.04	89	3.11	0.00	9.08	9.81	9	8.76	9.49	9	.033
4451	11477N3123	Σ1576	1989.99	255	4.18	0.07	13.13	11.51	10	13.55	12.01	9	
4455	11494N1808	A 2485	1987.02	216	2.29	0.03	9.41	12.08	9	9.27	11.73	10	.079
4460	11517N4055	Σ1586	1987.03	255	1.57	0.07	8.72	10.32	8	8.45	10.06	8	.039
4461	11519S2455	HU 1490	1987.03	45	0.81	0.20	8.83	9.57	11	8.29	9.64	9	.039
4462	11522S2159	HJ 4481	1987.03	192	3.97	0.02	8.41	8.52	10	8.14	8.20	10	.047
4465	11547N5357	STT 243	1987.03	10	1.16	0.02	8.91	9.77	9	8.62	9.47	7	.039
4467	11553S2947	DAW 135	1987.03	55	3.56	0.07	8.10	11.58	9	7.95	11.01	10	.047
4469	11557S0924	A 141	1987.03	10	5.34	0.01	9.08	12.62	9	9.04	12.10	9	.047
4470	11557S1136	HU 132	1987.03	82	1.74	0.04	8.15	9.71	10	7.85	9.15	10	.039
4471	11563S2058	BU 457	1987.03	86	1.83	0.01	8.58	9.63	10	8.22	9.30	8	.039
4473	11574N2218	HO 535	1987.03	146	2.99	0.02	8.57	11.73	9	8.27	11.07	9	.039
4474	11576N0823	A 2581	1987.03	168	3.30	0.01	9.23	11.47	10	8.86	11.04	10	.039
4480	12005N5326	STT 244	1987.04	324	3.18	0.01	8.01	10.62	10	7.75	10.19	9	.033
4481	12018N2103	HO 255	1987.04	132	2.70	0.02	8.94	12.00	9	8.74	11.64	9	.033
4483	12032S1801	BU 412	1987.03	156	1.93	0.00	8.65	9.22	10	8.43	8.91	10	.047
4491	12069N1333	A 1780	1987.03	322	1.22	0.06	9.09	11.42	9	8.89	10.76	10	.047
4492	12071N6910	Σ1611	1987.04	7	1.80	0.05	9.19	10.38	13	8.97	10.18	13	.033
4495	12092N1223	HU 1137	1987.02	15	1.66	0.07	9.10	12.23	10	8.73	11.41	10	.079
4498	12104N4041	A 1999	1987.04	52	0.79	0.11	9.18	10.01	9	8.42	10.10	8	.037
4499	12107N0935	Σ1620	1987.04	80	2.23	0.05	9.13	10.31	15	8.92	10.16	17	.033
4501	12113N0556	HEI	1987.04	205	2.55	0.03	9.92	12.28	11	9.62	11.98	10	.040
4502	12120N7042	Σ1626	1987.04	4	2.14	0.01	9.28	9.54	11	8.97	9.20	11	.033
4504	12128S1423	RST3783	1987.04	149	10.39	0.07	8.82	13.79	18	8.42	13.28	14	.040
4506	12143N1817	A 2059	1987.02	58	0.57	0.10	8.27	9.42	8	8.24	8.68	8	.079
4512	12174S3300	HWE 73	1987.04	276	3.21	0.00	8.69	9.69	14	8.37	9.39	12	.037
4513	12185N1429	HO 53	1987.02	303	2.79	0.00	9.13	11.11	10	8.78	10.59	10	.079
4515	12199S3232	DAW 62	1987.43	105	1.10	0.04	9.24	10.10	11	9.03	9.69	11	.057
4516	12201S3035	λ152	1987.04	84	2.60	0.05	8.54	10.57	12	7.98	10.35	11	.037
4519	12209N4517	Σ1642	1987.04	180	2.51	0.05	8.70	9.36	12	8.43	9.09	10	.033
4520	12210S0355	BU 922	1987.43	114	0.58	0.20	7.82	9.41	8	7.43	9.91	7	.057
4521	12220S3335	COO 138	1987.04	358	5.50	0.05	8.73	10.35	14	8.57	9.67	13	.037
4525	12255N1016	Σ1647	1987.02	244	1.39	0.02	8.08	8.36	9	7.84	8.09	10	.079
4528	12282N5521	A 1600	1987.43	8	0.89	0.00	8.12	10.18	8	7.89	9.89	8	.057
4529	12285N3443	HO 537	1987.04	175	2.19	0.08	8.50	10.66	13	8.13	9.91	10	.037
4532	12313S1550	RST3800	1987.03	214	5.16	0.05	9.34	12.99	8	9.07	12.19	8	.047
4533	12316S1150	HU 134	1987.03	54	2.31	0.04	9.10	11.37	9	8.52	11.16	10	.047
4535	12347S1738	RST2808	1987.03	16	2.93	0.06	8.55	12.41	10	8.03	12.13	9	.047
4543	12385N0242	A 2488	1987.03	191	4.61	0.01	8.65	12.24	10	8.36	11.79	9	.039
4544	12387N0806	Σ1674	1987.03	173	2.32	0.01	8.59	9.23	9	8.36	8.98	10	.039
4545	12388N1540	HO 380	1987.03	347	2.30	0.01	8.98	12.04	10	8.90	11.70	9	.047
4546	12389N0429	A 1603	1987.03	133	1.34	0.05	9.14	11.79	9	8.89	11.15	10	.047
4548	12403N0404	J 432	1987.03	254	1.18	0.03	9.11	9.88	9	8.87	9.66	10	.047
4549	12420S1056	RST3807	1987.03	258	3.87	0.01	8.64	12.30	10	8.38	11.95	10	.039
4550	12430N0400	BU 459	1987.02	293	4.29	0.01	8.02	10.85	12	7.83	10.57	9	.079
4554	12467S3006	DAW 106	1987.03	249	1.85	0.07	8.65	11.90	11	8.59	11.50	11	.039
4558	12526N3055	Σ1696	1987.04	203	3.63	0.00	9.30	9.40	10	9.06	9.17	9	.037
4559	12526S1236	STN 27	1987.03	69	2.14	0.04	9.16	9.44	11	8.41	8.68	10	.047
4561	12537S0300	RST4507	1987.03	37	1.63	0.18	9.09	12.71	10	8.89	11.57	9	.047
4562	12539N2801	Σ1699	1987.04	188	1.67	0.03	8.67	8.68	10	8.30	8.32	9	.037
4566	12548N0019	RST5373	1987.02	118	2.76	0.07	8.45	12.94	10	8.20	12.13	11	.079
4572	12571S3114	RST2829	1987.03	332	3.48	0.03	8.88	13.23	9	8.27	12.70	10	.047

Table 8.

Nr	IDS	Name	t	θ	ρ(″)	d(″)	m_VA	m_VB	s_V	m_RA	m_RB	s_R	SD V
4577	12595N0911	Σ1716	1987.02	149	2.84	0.00	8.23	10.24	14	7.94	9.91	12	.079
4580	13035N1602	Σ1722	1987.03	337	2.82	0.00	8.18	9.07	10	7.69	8.71	8	.047
4585	13075N3726	Σ1730	1987.04	337	1.87	0.00	9.19	10.51	10	8.87	10.23	9	.037
4586	13080S1456	BU 221	1987.03	47	1.63	0.02	8.06	9.43	11	7.53	9.10	10	.039
4588	13083N4102	A 1606	1987.04	199	1.34	0.00	9.46	9.56	10	9.16	9.25	9	.037
4589	13099S1823	BU 342	1987.03	35	4.07	0.01	8.54	8.90	10	8.35	8.68	10	.039
4590	13104N5449	A 1608	1987.04	267	3.21	0.01	8.66	11.76	8	8.14	11.43	8	.037
4592	13108S0235	A 11	1987.04	201	4.23	0.03	8.80	11.78	10	8.37	10.99	11	.037
4593	13114N1747	Σ1733	1987.04	128	4.91	0.00	8.92	10.35	11	8.60	10.03	11	.037
4594	13120S2101	BU 222	1987.43	20	1.80	0.01	8.22	9.19	9	8.08	8.91	9	.057
4595	13124N5106	STT 263	1987.04	136	1.85	0.03	9.39	9.68	11	9.07	9.37	11	.037
4596	13129N3721	HU 1146	1987.04	31	5.03	0.01	8.52	11.92	7	7.93	11.39	9	.037
4603	13176N2703	A 566	1987.04	66	1.88	0.03	8.89	10.72	9	8.45	10.38	8	.037
4604	13179S1424	Σ1738	1987.43	279	3.84	0.00	8.50	3.64	9	8.20	8.34	9	.057
4605	13184S2751	B 248	1987.43	79	3.52	0.00	8.19	12.16	8	7.49	11.73	8	.057
4607	13217S2151	BU 1107	1987.43	131	1.46	0.00	8.84	8.95	9	8.54	8.64	9	.057
4608	13220N1454	BU 237	1987.04	211	3.06	0.01	8.43	10.48	10	8.05	10.01	8	.037
4610	13236N5633	A 1361	1987.04	45	4.04	0.09	8.14	13.76	8	7.86	13.00	8	.037
4612	13236N1614	STT 266	1987.04	353	2.02	0.03	7.84	8.33	12	7.59	8.02	9	.037
4613	13239N2406	AG 188	1987.03	247	4.57	0.03	9.55	12.51	9	9.24	11.77	7	.037
4614	13242N1200	BU 113	1987.43	255	1.59	0.00	8.58	10.43	8	8.17	9.71	8	.057
4615	13260N3501	A 1857	1987.43	258	3.07	0.00	7.73	12.39	7	7.49	12.14	8	.057
4617	13263S1446	RST3843	1987.43	161	2.49	0.03	8.77	13.04	7	8.52	12.55	9	.057
4618	13288N4939	Σ1758	1987.43	295	3.52	0.00	9.29	9.52	9	8.98	9.20	8	.057
4620	13293S2925	DAW 107	1987.43	81	2.23	0.00	9.33	9.49	10	8.91	9.09	10	.057
4621	13294N6551	MLR 161	1987.43	308	1.19	0.11	9.24	11.93	11	8.95	11.26	10	.057
4623	13302S0425	A 12	1987.43	349	4.57	0.13	8.61	11.60	9	8.34	11.22	8	.057
4624	13312N6817	Σ1767	1987.43	345	4.26	0.00	9.16	9.43	11	8.82	9.05	12	.057
4626	13318N0721	A 1611	1987.43	116	0.78	0.16	8.85	9.03	9	8.70	8.97	9	.057
4627	13321N1013	A 1793	1987.43	44	3.87	0.07	8.82	13.51	8	8.56	12.85	8	.057
4630	13341N7017	Σ1771	1987.43	80	1.84	0.00	8.71	9.34	9	8.46	9.04	9	.057
4636	13399N2410	Σ1779	1987.43	145	3.81	0.01	9.14	10.44	7	8.99	10.16	8	.057
4638	13400S2721	B 254	1987.43	155	1.13	0.04	8.93	9.98	10	8.69	9.55	9	.057
4639	13405N0401	A 1612	1987.43	340	1.56	0.01	8.24	10.24	9	7.97	9.80	9	.057
4640	13417N1120	BU 801	1987.43	325	2.86	0.02	8.49	10.87	10	7.93	10.71	11	.057
4642	13418N8141	Σ1787	1987.43	334	2.06	0.00	9.31	10.98	9	8.97	10.63	9	.057
4643	13418N4132	Σ1783	1987.43	48	2.31	0.01	7.58	9.87	10	7.07	9.30	9	.057
4645	13433S0456	A 13	1987.43	164	1.12	0.00	9.64	10.58	9	9.45	10.36	9	.057
4648	13465N3624	COU1132	1987.43	139	0.94	0.09	8.18	12.09	7	7.68	11.24	7	.057
4660	13548N2447	COU 402	1987.43	99	4.81	0.03	8.07	12.07	8	7.97	11.72	7	.057
4667	13596S0604	Σ1799	1987.44	297	4.23	0.07	8.18	9.18	15	7.98	8.89	15	.042
4669	14010N0159	A 2169	1987.44	142	3.85	0.07	8.65	12.40	15	8.42	12.04	15	.042
4672	14036N2140	Σ1804	1987.44	15	4.73	0.09	8.03	9.26	18	7.75	8.89	15	.047
4673	14036N1712	A 2065	1987.44	355	1.66	0.26	9.46	10.75	17	9.26	10.19	16	.047
4674	14050N4636	Σ1809	1987.44	196	4.33	0.03	9.35	11.66	13	9.05	11.26	15	.042
4678	14065N0528	A 1796	1987.44	165	3.54	0.09	8.97	12.61	16	8.98	12.36	15	.042
4679	14071N2830	Σ1810	1987.44	184	2.27	0.08	8.86	9.54	16	8.57	9.20	20	.047
4683	14082N1621	A 2066	1987.44	285	0.97	0.29	8.50	10.16	15	8.81	8.88	17	.042
4685	14097N5548	Σ1820	1987.44	113	2.55	0.00	8.89	9.24	15	8.30	8.71	12	.042
4687	14098N4139	HO 58	1987.44	228	3.91	0.09	7.98	11.11	16	7.42	10.71	14	.042
4692	14115S1558	HJ 1249	1987.44	164	5.14	0.02	9.13	10.98	14	7.35	10.46	12	.042
4695	14141S1315	BU 116	1987.44	275	3.87	0.00	7.99	8.36	13	7.64	8.00	12	.042
4697	14151N2358	Σ3083	1987.44	232	4.76	0.04	8.94	11.15	13	8.65	10.57	11	.042
4699	14176S2522	B 272	1987.44	4	4.05	0.14	8.41	11.98	13	8.04	11.62	14	.042
4700	14179N1701	A 2068	1987.44	158	3.29	0.01	9.44	12.19	14	9.16	11.71	15	.042
4701	14181N8753	Σ1887	1987.44	224	3.30	0.05	9.54	11.37	15	9.50	11.07	17	.042
4707	14206S2346	COO 170	1987.44	133	2.47	0.02	8.89	9.78	13	8.53	9.44	13	.042

Table 8.

Nr	IDS	Name	t	θ	ρ(″)	d(″)	m_VA	m_VB	s_V	m_RA	m_RB	s_R	SD V
4711	14235N3324	Σ1848	1987.44	357	3.10	0.01	8.63	11.41	10	8.48	11.07	10	.042
4714	14257N5408	A 1621	1987.44	193	2.68	0.07	8.57	12.53	11	8.24	11.76	10	.042
4719	14308N5540	Σ1860	1987.44	107	1.11	0.04	7.94	8.90	13	7.82	8.71	13	.042
4722	14349N2714	A 571	1987.44	107	1.80	0.08	8.57	11.15	11	8.33	10.91	11	.042
4723	14353S3331	I 947	1987.44	360	1.86	0.19	8.82	10.44	16	8.24	9.69	18	.042
4729	14369N4658	A 1622	1987.44	253	1.97	0.03	8.77	10.28	13	8.45	9.88	10	.042
4731	14373N1819	A 2070	1987.44	208	3.71	0.33	8.42	12.96	11	8.09	11.91	10	.042
4732	14374N5906	A 1108	1987.44	120	4.32	0.21	8.55	11.94	15	8.17	11.31	10	.042
4735	14380N0830	Σ1870	1987.44	229	4.67	0.01	7.43	10.15	12	7.18	9.82	11	.042
4736	14381N5304	A 1623	1987.44	238	2.09	0.04	8.60	10.60	10	8.32	10.09	11	.042
4737	14381N5150	Σ1871	1987.44	307	1.89	0.00	7.98	8.06	12	7.70	7.81	12	.042
4742	14408N2035	HU 576	1987.44	189	4.57	0.08	8.71	11.73	14	8.46	11.22	16	.042
4743	14412N5445	A 1624	1987.44	190	1.10	0.06	9.08	11.90	9	8.60	11.25	10	.042
4744	14414S2956	I 1255	1987.44	327	0.96	0.60	8.34	10.63	14	8.00	8.59	11	.042
4747	14448S0645	HO 546	1987.44	90	3.41	0.06	8.57	10.99	11	8.20	10.55	14	.042
4749	14470N1544	HU 1153	1987.44	291	3.45	0.06	8.51	11.11	9	8.03	10.27	9	.042
4750	14478N4520	STT 287	1987.44	352	0.98	0.03	8.35	8.57	11	7.95	8.22	12	.042
4752	14478N1822	A 2071	1987.44	268	1.27	0.02	9.30	9.94	10	8.94	9.58	8	.042
4754	14503S1248	HU 142	1987.44	11	2.21	0.08	8.36	11.21	13	8.07	10.70	13	.042
4755	14504N3430	Σ1891	1987.44	245	3.55	0.01	8.64	10.17	11	8.38	9.79	9	.042
4756	14540N5947	Σ1898	1987.44	215	2.77	0.00	8.24	9.92	12	8.00	9.55	12	.042
4757	14546N4130	A 1628	1987.43	97	5.04	0.00	8.46	11.40	8	8.17	10.75	7	.042
4758	14552S2914	B 285	1987.43	24	3.75	0.03	9.67	13.54	8	9.26	13.02	8	.042
4759	14562N7114	Σ1905	1987.43	161	3.03	0.00	9.09	9.19	11	8.73	8.82	10	.042
4765	15008N1201	Σ1907	1987.43	0	0.98	0.02	9.04	9.09	9	8.66	8.84	10	.042
4768	15029N1604	A 2228	1987.43	11	3.32	0.07	8.95	12.56	10	8.63	11.81	10	.042
4770	15042S2220	BU 809	1987.43	128	2.02	0.01	8.29	10.41	10	8.00	9.97	10	.042
4772	15053S2142	B 1775	1987.43	57	3.58	0.05	8.65	12.04	9	8.39	11.50	9	.042
4803	15191S0445	A 17	1987.43	251	0.58	0.04	9.50	9.55	9	8.77	9.08	8	.042
4805	15212N6121	HU 909	1987.43	285	1.50	0.03	8.52	10.53	8	8.23	10.24	9	.042
4806	15213S2023	DON 734	1987.43	101	5.13	0.03	8.89	13.15	9	8.50	12.34	8	.042
4945	16424N0138	RST5419	1987.44	335	5.40	0.10	8.59	13.07	10	8.26	12.34	9	.042
4947	16433N0255	BU 43	1987.44	57	1.36	0.02	8.69	8.77	10	8.24	8.39	9	.042
4975	16550N4659	A 1873	1987.44	301	2.47	0.02	8.68	12.95	10	8.18	12.34	10	.042
4976	16557N5157	Σ2117	1987.44	95	1.42	0.02	9.05	10.61	7	8.63	10.23	8	.042
4977	16563N3704	STT 322	1987.44	206	1.50	0.02	7.86	10.20	9	7.81	9.87	8	.042
4981	17001N4202	Σ2121	1987.44	148	2.64	0.01	7.97	10.20	10	7.49	9.86	11	.042
4995	17094N1604	Σ2137	1987.44	144	4.08	0.01	9.17	10.12	11	9.[illegible]	9.88	10	.042
4998	17118N0306	A 2239	1987.44	290	3.33	0.01	9.45	13.11	8	9.1[illegible]	12.37	9	.042
5020	17216S1204	HU 175	1987.44	68	4.46	0.01	9.65	12.24	9	9.49	11.68	10	.042
5024	17231N5135	HU 672	1987.44	58	4.16	0.04	9.22	11.09	9	9.10	10.88	10	.042
5025	17233N0217	A 2245	1987.44	350	2.14	0.01	9.53	10.56	11	9.20	10.17	11	.042
5026	17238S0955	Σ2171	1987.44	61	1.52	0.06	8.30	8.45	11	7.91	8.12	9	.042
5030	17247S1929	HU 1180	1987.44	73	2.17	0.03	9.36	10.71	11	9.04	10.27	13	.042
5038	17296S1950	B 1864	1987.44	147	2.60	0.06	9.07	12.10	12	8.85	11.59	12	.042
5044	17316N4700	A 2090	1987.44	92	1.21	0.34	8.77	10.99	10	8.13	10.84	11	.042
5045	17324S0059	BU 960	1987.44	296	3.47	0.02	8.49	11.57	10	8.39	11.17	11	.042
5051	17378S1646	HU 185	1987.44	282	3.41	0.01	8.93	11.74	11	8.80	11.26	11	.042
5053	17386S2633	B 355	1987.44	142	2.78	0.06	8.96	12.25	12	8.66	11.61	11	.042
5056	17396N4903	Σ2210	1987.44	121	3.24	0.00	8.81	10.38	12	8.30	10.14	11	.042
5061	17411N3110	Σ2213	1987.44	328	4.71	0.02	8.08	8.96	10	7.79	8.64	6	.042
5064	17415N3755	ES 2016	1987.44	218	4.29	0.03	8.88	12.80	10	8.90	12.53	7	.042
5071	17432S1613	HU 187	1987.44	85	3.94	0.04	9.06	11.70	12	8.51	10.82	12	.042
5077	17468N3528	Σ2236	1987.44	97	3.36	0.07	8.22	10.10	8	7.89	9.82	12	.042
5082	17482N4456	Σ2242	1987.44	326	3.43	0.01	8.05	8.11	9	7.84	7.89	8	.042
5084	17498N3607	Σ2243	1987.44	41	1.22	0.01	9.20	9.31	9	8.88	8.99	9	.042
5103	17551S2048	HLD 140	1987.44	264	2.28	0.10	8.44	9.73	14	7.49	9.41	12	.042

Table 8.

Nr	IDS.	Name	t	θ	ρ(″)	d(″)	mvA	mvB	sv	mRA	mRB	sR	SD V
5114	18010S0022	A 1167	1987.44	148	5.07	0.09	9.31	10.94	10	9.15	10.62	11	.042
5124	18053N0031	Σ2286	1987.43	314	3.03	0.02	8.05	10.15	10	8.00	9.83	11	.042
5125	18054S1643	RST4000	1987.43	78	0.63	0.10	8.57	10.21	9	8.69	8.91	8	.042
5126	18057S3218	I 629	1987.43	158	1.34	0.02	9.25	10.27	11	8.65	9.93	9	.042
5127	18061S1542	HO 429	1987.43	29	4.11	0.01	8.06	11.15	9	7.85	10.72	9	.042
5128	18067N3220	HO 81	1987.43	215	3.15	0.00	8.11	10.89	7	8.03	10.50	9	.042
5130	18072N0153	A 2260	1987.43	109	2.15	0.01	8.47	11.58	9	8.12	10.70	9	.042
5133	18082N2737	Σ2292	1987.43	272	0.91	0.19	8.13	8.64	11	8.11	8.40	8	.057
5136	18091S1858	RST3167	1987.43	152	4.44	0.06	8.23	12.55	9	8.11	12.51	10	.042
5139	18117N5339	ES 645	1987.43	83	3.31	0.00	8.67	12.22	8	7.94	11.82	10	.057
5144	18145S0459	SCJ 16	1987.43	207	3.16	0.00	7.82	9.30	10	7.52	8.90	10	.042
5145	18151N4332	A 579	1987.43	341	1.52	0.03	9.09	11.23	7	8.52	10.97	8	.057
5147	18160N2529	Σ2309	1987.43	352	3.61	0.07	9.25	9.86	8	9.17	9.73	7	.057
5148	18161S0050	RST5111	1987.43	82	1.26	0.14	9.28	12.22	8	9.08	11.41	8	.042
5149	18166N4721	ES 1158	1987.43	202	5.16	0.09	8.48	12.91	7	7.84	12.58	8	.057
5151	18172N2817	Σ2312	1987.43	340	1.65	0.00	9.18	9.89	10	9.19	9.80	9	.057
5152	18177N0954	HU 238	1987.43	161	0.85	0.06	9.22	9.67	10	9.20	9.59	9	.042
5155	18195N4818	HU 582	1987.43	192	2.23	0.04	8.31	11.25	8	8.00	10.93	8	.057
5159	18214N2802	HO 85	1987.43	195	4.78	0.04	8.57	11.44	9	8.56	11.17	8	.057
5161	18217N2636	COU 815	1987.43	144	1.41	0.23	9.05	11.24	9	9.00	11.50	8	.057
5162	18220S2139	HU 240	1987.43	35	4.75	0.02	9.07	10.99	10	8.89	10.71	9	.057
5166	18228S2506	H 125	1987.43	105	2.64	0.01	8.26	8.34	11	7.94	7.99	9	.057
5172	18266N0623	Σ2329	1987.43	43	4.27	0.02	8.13	9.45	7	8.06	9.36	9	.042
5173	18268S0754	BU 419	1987.43	38	1.21	0.05	8.31	9.35	9	8.05	9.09	10	.042
5174	18272N3111	A 247	1987.43	57	3.01	0.01	8.55	11.54	10	8.05	11.24	9	.057
5179	18299S3347	B 940	1987.43	259	1.76	0.02	9.40	11.62	10	8.81	11.22	9	.057
5182	18321S2530	HO 436	1987.43	178	4.43	0.08	8.37	10.60	9	8.07	10.28	9	.057
5183	18328S0028	Σ2347	1987.43	258	3.27	0.01	7.95	9.65	10	7.57	9.29	10	.042
5184	18332N0755	A 356	1987.43	230	1.02	0.05	9.30	10.14	8	9.25	10.10	8	.042
5187	18344N2837	Σ2356	1987.43	61	1.12	0.14	8.56	9.19	11	8.01	9.20	10	.057
5197	18380S1959	STN 44	1987.43	309	1.71	0.01	8.91	9.07	10	8.46	8.60	11	.057
5199	18386S2554	λ358	1987.43	57	1.37	0.02	8.38	8.85	10	8.07	8.52	10	.057
5201	18389N0231	Σ2369	1987.43	62	0.74	0.13	8.52	8.83	8	8.22	8.42	10	.042
5203	18400S1346	HO 438	1987.43	71	2.70	0.01	8.34	11.21	8	8.01	10.72	8	.042
5205	18404S1535	HU 251	1987.43	304	2.49	0.07	8.57	11.87	9	8.45	10.80	10	.042
5211	18424N5154	HU 755	1987.43	130	0.59	0.08	9.55	10.01	8	9.55	9.67	8	.057
5214	18431S3342	λ361	1987.43	233	1.16	0.04	8.60	8.64	10	8.30	8.32	9	.057
5216	18442N5135	HU 756	1987.43	260	1.04	0.05	9.57	11.30	9	9.29	10.96	9	.057
5219	18455N5913	Σ2410	1987.43	87	1.68	0.01	8.44	8.77	8	8.17	8.48	8	.057
5221	18459N3408	COU1155	1987.43	224	3.32	0.06	7.94	11.66	8	7.89	11.39	9	.057
5222	18460N0835	HU 256	1987.43	42	4.35	0.09	8.77	12.26	8	8.43	11.92	8	.057
5223	18473N1040	Σ2408	1987.43	91	2.31	0.01	8.36	9.32	8	8.32	9.31	8	.057
5224	18480N1353	Σ2412	1987.43	56	1.42	0.02	8.72	8.74	9	8.13	8.14	9	.057
5226	18494S0125	A 862	1987.43	161	4.45	0.01	9.45	12.05	8	9.11	11.63	7	.057
5228	18497S2815	λ364	1987.43	120	0.89	0.14	8.54	9.46	11	8.32	9.11	9	.057
5230	18501S1742	HJ 2845	1987.43	6	3.91	0.02	8.58	9.73	11	8.53	9.54	10	.057
5232	18510N6506	Σ2423	1987.43	197	2.19	0.01	8.97	9.71	9	8.57	9.53	9	.057
5233	18510N3711	HO 90	1987.43	225	3.90	0.03	8.53	11.83	8	7.85	11.25	8	.057
5237	18531N2558	Σ2422	1987.43	71	0.75	0.02	7.86	8.09	9	7.78	8.02	8	.057
5240	18536N0228	A 2194	1987.43	325	1.47	0.03	8.78	11.42	9	8.48	11.20	9	.057
5243	18547N1802	HU 331	1987.43	214	0.70	0.16	9.22	11.08	9	8.96	10.47	8	.057
5245	18550S2741	B 418	1987.43	155	1.63	0.06	9.38	13.03	9	8.93	12.25	9	.057
5246	18553N4703	AG	1987.43	202	1.72	0.00	8.33	8.53	7	8.02	8.19	7	.057
5248	18559N1205	HU 678	1987.44	360	2.92	0.05	8.71	10.90	14	8.51	10.64	13	.056
5249	18562S2847	HLD 33	1987.43	55	2.28	0.02	8.96	9.36	11	8.60	8.94	10	.057
5251	18566N2309	HJ 2850	1987.44	275	2.65	0.05	8.74	9.55	11	8.63	9.42	11	.056
5254	18587N6252	HU 939	1987.43	46	3.75	0.07	8.16	11.90	8	8.05	11.44	9	.057

Table 8.

Nr	IDS	Name	t	θ	$\rho('')$	d('')	m_VA	m_VB	s_V	m_RA	m_RB	s_R	SD V
5259	19001N3536	Σ2448	1987.43	191	2.46	0.02	8.60	8.69	7	8.47	8.63	7	.057
5260	19006N5126	Σ2451	1987.43	79	2.03	0.00	9.17	9.31	8	8.84	9.01	8	.057
5263	19022S0524	RST4617	1987.44	211	2.38	0.00	9.31	11.61	9	9.02	11.30	9	.057
5266	19039N3031	Σ2465	1987.44	251	1.28	0.04	8.88	10.24	11	8.24	9.77	11	.056
5270	19050N2729	L	1987.44	57	0.69	0.20	9.07	11.40	10	9.31	10.08	9	.056
5277	19074S0740	A 96	1987.43	24	4.87	0.01	8.52	12.73	10	7.83	11.73	12	.057
5278	19081S2927	HDO 152	1987.43	250	1.06	0.04	8.87	9.73	10	8.30	9.39	9	.057
5279	19086N1858	Σ2482	1987.44	343	1.80	0.00	8.95	10.21	15	8.77	9.86	16	.056
5288	19126S1601	HU 264	1987.43	300	4.72	0.02	8.61	12.49	10	8.45	11.73	9	.057
5289	19126S3320	B 431	1987.43	153	1.63	0.03	8.59	8.79	10	8.14	8.39	9	.057
5293	19140N4700	ES 128	1987.44	283	4.78	0.04	8.21	11.76	11	7.70	11.29	13	.056
5294	19143N2146	Σ2499	1987.44	324	2.62	0.00	8.74	9.01	15	8.66	8.91	11	.056
5301	19177N3007	A 268	1987.44	102	3.89	0.01	9.04	11.25	14	9.02	11.20	13	.056
5302	19177N1628	HO 105	1987.44	191	2.77	0.05	8.82	10.98	12	8.60	10.70	15	.056
5303	19177S1642	HU 266	1987.43	182	4.17	0.02	8.79	11.33	10	8.45	10.74	9	.057
5304	19177S2854	DAW 111	1987.43	280	1.21	0.09	9.52	11.43	10	9.20	11.56	9	.057
5305	19184S1759	A 2094	1987.43	128	2.02	0.01	8.80	10.78	11	8.21	10.49	10	.057
5307	19192N5538	Σ2516	1987.44	234	4.09	0.01	8.14	9.58	13	7.60	9.30	11	.056
5313	19209N6254	MLR 50	1987.43	346	3.22	0.06	8.45	11.67	8	8.40	11.49	8	.026
5317	19216S2942	BU 423	1987.43	129	1.24	0.07	8.48	8.85	10	7.91	8.64	10	.026
5318	19218N2834	Σ2522	1987.44	338	4.54	0.02	7.50	8.71	11	7.50	8.67	12	.057
5323	19236N1220	A 1649	1987.44	20	1.73	0.09	8.98	12.28	10	8.35	11.59	10	.057
5326	19262N0811	A 1184	1987.43	105	1.03	0.06	8.58	9.18	10	8.32	8.80	10	.026
5327	19272N4918	BU 143	1987.44	192	2.19	0.01	8.30	9.44	10	8.31	9.42	10	.057
5329	19282S1629	HJ 2880	1987.44	150	4.09	0.03	8.94	9.07	10	8.32	8.51	10	.039
5330	19286N5349	A 1398	1987.43	53	1.48	0.05	9.02	10.34	9	8.96	10.25	8	.026
5337	19312N2036	COU 517	1987.43	49	0.88	0.06	8.15	11.05	7	8.19	10.78	7	.026
5339	19313S1039	Σ2541	1987.44	327	5.26	0.00	8.67	10.10	9	8.12	9.31	9	.039
5340	19314N3359	STT 376	1987.44	234	2.83	0.13	7.32	9.84	12	7.31	9.63	10	.057
5341	19321N6150	Σ2553	1987.43	122	1.01	0.02	8.46	9.26	8	8.14	8.97	9	.026
5343	19324N6548	HU 1304	1987.43	276	0.86	0.08	9.40	9.57	8	9.15	9.31	7	.026
5346	19332N4047	STT 378	1987.43	286	1.39	0.03	7.53	8.74	8	7.59	8.79	8	.026
5349	19344N4017	ES 1667	1987.44	99	3.71	0.03	8.26	11.89	9	8.31	11.41	11	.057
5351	19363N5136	BU 656	1987.43	270	0.94	0.02	8.54	9.44	8	8.22	9.18	8	.026
5361	19392S1126	BU 827	1987.44	275	1.13	0.06	8.51	9.58	9	8.36	9.25	10	.039
5362	19403N1635	Σ2569	1987.44	357	2.18	0.00	8.19	8.84	11	8.21	8.82	11	.057
5363	19404S2507	λ394	1987.44	287	1.12	0.06	8.33	9.62	9	8.02	9.36	11	.039
5365	19416S2204	STN 49	1987.44	343	1.47	0.03	8.69	9.36	9	8.31	8.99	10	.039
5366	19420N0555	BU 828	1987.44	10	2.89	0.04	8.28	10.61	13	8.29	10.49	15	.057
5367	19425N7619	Σ2592	1987.44	282	1.02	0.11	8.28	9.23	12	7.90	9.21	12	.057
5371	19432N1902	HU 347	1987.44	329	1.50	0.01	8.19	11.02	10	7.95	10.61	10	.039
5375	19440N0530	BU 829	1987.44	286	0.86	0.16	8.88	10.04	10	8.77	10.12	11	.039
5376	19446N3655	STT 386	1987.44	72	0.95	0.07	8.46	8.54	8	8.41	8.44	8	.039
5377	19446S0410	Σ2582	1987.44	260	2.39	0.01	8.50	9.82	9	7.88	9.52	8	.039
5378	19448N0703	FOX 31	1987.44	14	5.09	0.10	8.77	13.13	8	8.43	12.73	9	.039
5381	19474N0024	Σ2589	1987.44	294	4.94	0.01	8.64	8.86	11	8.46	8.65	12	.039
5385	19493N4029	A 603	1987.44	96	0.69	0.09	8.83	10.46	8	8.96	10.03	7	.039
5389	19504N2946	AG	1987.44	202	2.12	0.00	8.24	9.82	12	8.18	9.82	12	.057
5394	19530N4856	HU 688	1987.44	290	3.92	0.02	8.05	11.85	11	8.10	11.74	9	.039
5397	19544S2414	λ400	1987.44	26	1.16	0.06	8.59	9.88	10	8.31	9.66	10	.039
5401	19554N3150	A 378	1987.44	288	0.88	0.19	8.24	8.98	11	7.77	8.66	9	.039
5405	19564N1545	A 1665	1987.44	97	3.74	0.07	8.22	12.94	9	8.21	12.74	9	.057
5412	19598S0436	BU 56	1987.44	184	1.43	0.10	7.89	9.10	12	7.67	8.64	9	.039
5413	19599S1759	RST3247	1987.44	163	3.79	0.07	8.82	12.84	9	8.66	12.21	11	.039
5415	20002N3016	Σ2626	1987.44	120	1.01	0.11	8.78	8.99	10	8.52	8.82	10	.039
5422	20018N7010	A 865	1987.44	88	2.58	0.06	8.25	10.08	9	8.22	9.64	10	.039
5423	20023S2718	I 1413	1987.44	84	3.89	0.05	8.91	11.87	13	8.26	11.32	11	.039
5425	20028N2049	Σ2631	1987.44	338	4.59	0.03	7.77	9.02	11	7.33	8.84	9	.057

Table 8.

Nr	IDS	Name	t	θ	$\rho('')$	d('')	m_VA	m_VB	s_V	m_RA	m_RB	s_R	SD V
5426	20029N3437	A 278	1987.44	293	1.71	0.00	8.64	11.14	9	8.40	10.92	10	.039
5427	20030N2554	A 2996	1987.44	249	2.90	0.11	8.28	11.32	12	7.99	10.93	10	.039
5430	20040N3820	A 1416	1987.44	42	4.76	0.01	8.27	10.69	9	8.21	10.37	9	.039
5432	20047N1804	HU 354	1987.44	241	1.01	0.11	8.98	9.93	11	8.61	11.82	10	.039
5435	20053N4605	A 721	1987.44	43	4.17	0.02	8.34	11.30	11	8.27	11.06	9	.039
5438	20057N3307	HJ 1485	1987.44	276	4.72	0.01	8.14	8.96	13	8.14	8.96	12	.039
5440	20061N5303	A 1417	1987.44	53	0.79	0.06	8.30	9.00	10	8.08	8.09	11	.039
5442	20067N5123	Σ2645	1987.44	134	1.63	0.12	8.47	8.92	11	8.53	8.83	16	.039
5450	20081N2811	MLB 660	1987.44	291	6.25	0.11	8.68	13.25	10	8.71	12.73	9	.039
5451	20092N1551	Σ2651	1987.44	277	1.21	0.07	8.28	8.35	10	7.99	8.07	10	.039
5454	20106S3255	STN 64	1987.44	297	1.92	0.04	8.25	8.66	14	7.84	8.19	12	.039
5457	20117N5426	A 1422	1987.44	350	2.72	0.00	8.94	12.65	13	8.95	12.28	12	.039
5459	20133N3707	A 1423	1987.44	129	4.50	0.01	7.95	11.49	11	7.64	11.29	10	.039
5460	20138N1041	Σ2662	1987.44	222	1.89	0.01	8.56	10.30	11	8.39	9.97	10	.039
5465	20154S0803	SCJ 25	1987.44	217	2.77	0.05	8.51	9.45	13	7.97	9.20	11	.056
5468	20165S1706	H 138	1987.44	328	3.14	0.01	8.13	9.10	14	7.55	8.53	13	.056
5477	20205S2657	HWE 54	1987.44	58	2.81	0.01	9.21	9.99	12	8.73	9.61	12	.056
5478	20211S2457	B 483	1987.44	58	4.30	0.10	8.90	12.36	13	8.32	11.95	12	.056
5481	20217S3135	OL 26	1987.44	328	2.02	0.09	8.85	10.82	14	8.23	10.74	15	.056
5496	20296N2747	Σ2698	1987.44	303	4.45	0.01	8.57	9.22	12	8.59	9.19	10	.056
5501	20307N2812	MLB 708	1987.44	79	0.69	0.22	8.85	10.23	9	8.83	10.06	9	.056
5507	20322N1142	Σ2701	1987.44	221	2.08	0.01	8.14	8.49	12	7.64	8.19	11	.056
5509	20334N1022	BU	1987.44	88	3.10	0.07	8.80	11.68	15	8.68	11.46	13	.056
5513	20352N2845	HO 136	1987.44	0	2.65	0.02	7.28	10.60	10	8.49	11.57	11	.056
5518	20372N1357	HU 1199	1987.43	247	0.61	0.08	8.52	9.15	7	8.46	9.12	8	.042
5522	20394N4249	ES 1446	1987.43	133	4.48	0.00	8.40	12.20	7	8.42	11.95	8	.042
5524	20400N2057	A 171	1987.43	325	5.38	0.01	8.16	11.29	8	7.69	10.94	8	.042
5526	20416N5549	A 1684	1987.43	140	2.10	0.04	7.91	12.27	8	7.96	11.96	8	.042
5529	20427N2503	BU 364	1987.43	63	1.02	0.07	8.83	8.94	8	8.50	8.52	8	.042
5531	20438N2705	BU 66	1987.43	170	1.10	0.08	8.63	9.14	11	8.34	9.01	11	.042
5536	20464N3002	STT 415	1987.43	233	3.68	0.02	8.05	9.91	9	7.90	9.50	8	.042
5538	20472S1632	BU 154	1987.44	60	2.97	0.02	8.90	9.83	12	8.51	9.47	12	.056
5540	20477N4215	A 614	1987.43	334	1.46	0.10	8.67	10.59	12	8.64	10.59	11	.042
5541	20478N0249	HLD 43	1987.44	8	2.09	0.05	9.11	11.08	12	8.71	10.59	12	.056
5546	20507N3219	STT 418	1987.43	279	1.11	0.15	8.06	8.10	10	7.74	7.80	9	.042
5550	20546N6110	Σ2740	1987.44	330	4.13	0.01	7.50	9.48	16	8.78	10.63	14	.056
5551	20552N1941	Σ2739	1987.43	253	3.28	0.06	9.05	9.53	9	8.85	9.27	8	.042
5552	20554N6058	Σ3133	1987.44	100	3.38	0.01	7.97	9.17	14	7.59	8.77	15	.056
5555	20575N2914	COU1180	1987.44	207	3.52	0.32	7.04	10.40	16	7.00	10.67	16	.056
5559	20585N3716	Σ2747	1987.44	265	4.66	0.01	8.34	8.48	11	7.93	8.05	11	.056
5564	21000N6619	HU 959	1987.44	164	1.30	0.09	8.50	9.75	15	8.39	9.42	13	.056
5565	21001N7354	A 879	1987.44	142	4.27	0.07	8.55	11.73	11	8.21	11.35	10	.056
5568	21012S1558	HU 273	1987.44	114	4.01	0.13	8.76	12.52	16	8.46	11.70	12	.056
5577	21044N5836	Σ2766	1987.44	248	4.63	0.00	8.75	9.05	10	8.45	8.75	10	.056

Table 9. CCD astrometry and photometry for 99 stars measured successfully in V only.

Nr	IDS	Name	t	θ	$\rho('')$	m_VA	m_VB	s_V	SD V
35	00372 S 2332	I 1075	1986.86	16	1.11	10.55	10.87	15	.113
43	00466 S 1903	HU 1205	1986.57	352	1.62	9.57	13.75	12	.061
95	01385N0904	BU 509	1986.87	114	1.10	8.54	11.37	15	.057
121	01599 S 3338	B 662	1986.85	353	1.28	10.44	10.77	18	.068
124	02040N3420	HU 1034	1986.86	97	2.39	9.04	14.05	10	.060
136	02148N4219	Σ 248	1986.86	87	2.09	8.69	13.48	12	.113
205	03248N6205	MLR 109	1986.86	131	1.71	9.37	13.06	13	.060
208	03298 S 1108	A 2505	1987.44	70	0.92	9.26	10.05	13	.068
211	03363N1753	COU 362	1986.86	86	1.61	10.19	14.47	9	.060
218	03434N1124	A 831	1986.86	76	0.68	8.87	8.94	10	.060
257	04358 S 0924	WOR 17	1986.85	81	0.98	14.00	15.70	13	.068
269	04498N3908	HU 1091	1986.87	212	0.74	9.78	9.82	10	.057
277	04583 S 1235	BU 884	1986.85	28	0.88	8.90	9.54	15	.068
308	05182N3710	HU 1104	1986.87	218	0.90	9.03	10.51	10	.057
339	05518 S 0305	A 321	1986.87	135	0.90	8.96	10.16	15	.066
362	06171N3223	HU 830	1986.86	30	1.10	9.59	10.18	15	.076
396	06550 S 2115	I 765	1986.85	50	0.91	8.93	10.46	15	.068
412	07191N2008	HU 706	1986.32	230	0.74	9.25	9.52	10	.054
476	08248N0533	A 2893	1986.86	196	0.90	10.24	10.31	14	.076
481	08334N4638	A 1748	1986.32	325	0.79	9.53	12.22	10	.054
489	08371 S 2944	B 1105	1986.86	129	1.21	11.13	13.06	15	.076
535	09382N0640	A 2761	1986.31	251	1.04	9.00	9.15	15.	.070
556	10030N0831	A 2564	1986.31	67	1.13	9.46	10.73	16	.061
564	10100 S 3446	I 1524	1986.32	11	1.37	13.93	13.19	19	.061
587	10276N2123	COU 172	1986.32	269	0.66	11.21	11.25	11	.054
591	10333N2743	COU 778	1986.32	124	1.07	9.87	13.24	12	.054
604	10451 S 3425	RST2713	1986.31	127	1.81	9.07	14.08	13	.061
642	11337 S 1654	RST3748	1986.31	86	1.26	10.10	10.97	15	.061
653	11420 S 1116	RST3756	1986.31	357	1.15	9.20	11.55	13	.061
659	11465N2418	COU 391	1986.32	268	0.77	11.03	11.61	12	.054
661	11487N2054	HU 1256	1986.32	197	2.28	8.66	13.68	11	.054
706	12260 S 0131	RST4962	1986.31	69	1.15	9.93	11.64	14	.058
723	12489 S 2459	DON 562	1986.31	69	1.34	10.69	10.80	20	.070
737	13026N5232	A 1605	1986.32	340	1.65	10.61	10.87	18	.061
759	13272 S 1714	HU 469	1986.31	28	1.55	8.94	9.39	19	.058
761	13293N1547	KU 45	1986.32	102	1.22	10.22	11.33	17	.061
764	13305N1820	COU 57	1986.33	301	1.02	10.31	13.07	14	.056
765	13311N1929	COU 300	1986.31	219	1.59	10.73	11.29	20	.070
768	13340N1211	A 1794	1986.57	106	0.96	10.18	11.56	15	.061
800	14089 S 1453	RST3869	1987.44	46	0.73	12.20	11.32	10	.039
890	15445 S 3445	λ 250	1986.31	40	1.47	8.58	11.64	15	.061
902	15591 S 0257	RST4558	1986.32	250	1.06	10.43	12.79	20	.061
909	16069N1523	A 1799	1986.33	118	0.97	9.17	10.22	13	.056
920	16179N5149	HU 662	1987.74	254	1.00	10.81	11.25	15	.057
994	17295N1751	COU 627	1986.56	30	1.24	11.02	10.70	15	.058
998	17337 S 1542	HU 181	1986.32	36	0.89	9.64	10.27	12	.061
1028	18149 S 1958	RST3177	1986.32	326	1.28	9.08	12.96	13	.061
1039	18295 S 0300	RST4589	1986.31	100	1.00	9.83	10.34	15	.061
1112	19396N0335	A 2389	1986.33	130	0.87	9.12	9.92	11	.056
1126	19527N2702	COU1165	1986.57	75	1.01	10.13	12.40	11	.052
1233	21526 S 0106	A 891	1986.57	262	0.55	9.38	9.60	9	.061
1254	22156N2901	BU 1216	1986.56	289	0.82	8.51	9.30	11	.069
1290	22550 S 2651	RST1154	1986.57	24	1.05	13.70	14.38	14	.061
1315	23254 S 3006	RST2220	1986.57	108	0.91	9.54	10.93	15	.052
1320	23304 S 0742	RST4726	1986.57	84	3.24	12.98	7.74	12	.052
1321	23308 S 3311	B 604	1986.57	122	1.32	9.05	11.12	16	.052

Table 9.

Nr	IDS	Name	t	θ	$\rho('')$	$m_V A$	$m_V B$	s_V	SD V
3210	01446N2632	BU 1313	1987.04	77	0.80	14.45	12.35	13	.037
3332	02488N3619	A 1823	1987.04	163	2.76	13.73	9.03	11	.037
3417	03364N1638	A 2422	1987.03	291	2.15	12.28	8.17	9	.039
3436	03454N4030	STT 66	1987.04	141	0.93	13.51	13.02	11	.037
3529	04342N1620	BU 1044	1987.03	357	1.03	13.30	13.12	11	.047
3711	05518 S 0111	A 1047	1987.02	325	0.79	13.10	11.53	8	.079
3767	06160N3248	HU 829	1987.02	322	2.93	12.55	9.88	7	.079
3775	06178N4236	A 2356	1987.02	262	0.88	12.90	12.84	7	.079
3779	06212N4947	HU 562	1987.02	5	1.33	12.85	11.14	7	.079
3781	06218N3313	HU 832	1987.02	2	2.44	12.75	9.05	8	.079
3788	06238N1703	A 2450	1987.03	54	2.52	14.07	11.24	13	.047
3798	06278 S 0516	BU 98	1987.04	325	0.87	12.66	12.52	11	.033
3811	06327N0944	STH	1987.03	283	0.90	13.89	13.71	12	.047
3819	06360N5933	Σ 946	1987.02	130	4.06	9.73	11.62	7	.079
3871	06511N8554	A 1059	1987.02	186	0.77	12.73	11.38	8	.079
3982	07333N6514	HU 843	1987.03	72	0.73	12.78	9.72	7	.039
3990	07389N2434	A 2535	1987.04	259	0.78	13.91	12.84	13	.040
4067	08074 S 2127	B 1978	1987.04	84	1.45	13.17	10.44	11	.037
4175	08597N2907	A 554	1987.02	63	1.12	12.94	7.83	8	.079
4262	09469N0835	A 2762	1987.03	63	1.28	13.24	8.33	9	.047
4331	10368 S 2633	B 203	1987.04	356	1.08	13.13	12.20	12	.037
4493	12074 S 0232	LPM 416	1987.03	71	1.84	13.22	8.05	10	.047
4591	13108N1226	AG	1987.03	295	1.21	12.81	8.56	9	.039
4609	13234N3306	A 1856	1987.43	345	1.17	8.68	11.38	9	.057
4745	14424 S 3059	B 825	1987.44	36	1.44	9.10	10.75	19	.042
4746	14434 S 1222	RST3895	1987.44	36	1.44	9.10	10.75	19	.042
4764	15007 S 3204	B 1263	1987.43	72	0.73	13.10	11.47	10	.042
4807	15214 S 0518	A 18	1987.43	225	0.67	12.62	12.52	10	.042
4808	15216N1831	Σ 1940	1987.43	261	3.26	13.31	8.65	9	.042
4999	17120N1447	BU 1200	1987.44	328	0.84	8.30	11.33	11	.042
5007	17146 S 0754	BUP	1987.44	254	0.63	8.20	9.63	9	.042
5015	17189N0457	BU	1987.44	68	0.50	9.32	9.48	8	.042
5132	18074 S 0331	A 83	1987.44	293	0.73	13.28	12.97	11	.042
5156	18200 S 3250	RST2054	1987.43	350	0.75	9.44	9.78	9	.057
5164	18224N2419	HO 634	1987.43	269	3.20	7.92	11.59	10	.057
5194	18369 S 3401	I 638	1987.43	329	0.60	9.08	9.16	9	.057
5202	18390 S 0743	RST4595	1987.45	73	2.13	8.43	12.36	9	.042
5220	18457 S 1448	RST4604	1987.43	66	0.86	13.22	12.45	10	.042
5242	18541 S 0535	RST4612	1987.43	143	1.63	8.53	12.21	10	.057
5292	19140N5615	ES 1753	1987.44	48	2.46	8.44	12.03	11	.056
5370	19430N3537	HU 681	1987.44	193	1.96	8.31	11.82	10	.057
5553	20556N5516	A 1686	1987.44	282	1.90	8.22	11.29	11	.056
5554	20570N0322	HO 148	1987.44	200	2.37	7.85	11.39	15	.057

Table 10. CCD astrometry and photometry for 136 stars measured successfully in *R* only.

Nr	IDS	Name	t	θ	ρ(″)	m_RA	m_RB	s_R	SD V
3	00048N0801	A 1801	1986.57	10	0.80	8.91	9.71	13	.067
4	00048 S 3420	λ 3	1986.57	49	0.88	8.63	10.70	10	.061
11	00131N5911	A 905	1986.87	110	1.04	9.71	9.99	14	.053
34	00372N5709	A 916	1986.85	302	6.36	9.08	14.32	12	.068
69	01161N3207	COU 665	1986.85	158	1.23	8.09	11.39	12	.068
74	01228 S 2551	I 444	1986.86	331	1.05	9.08	9.51	15	.113
76	01235 S 1625	RST3355	1986.86	348	0.86	9.84	9.65	13	.113
104	01435N2745	A 2009	1986.87	138	0.81	11.53	12.19	12	.057
118	01588N6928	Σ 204	1986.86	120	0.63	8.96	9.92	10	.060
122	02001 S 0127	BU 516	1986.87	249	0.73	8.74	8.93	12	.066
135	02143N2921	A 961	1986.86	124	0.59	8.23	9.53	9	.113
155	02329N1120	A 2335	1986.87	322	1.57	8.85	12.22	9	.066
199	03182N4137	A 1288	1986.86	165	0.70	8.88	9.09	11	.113
200	03183N2326	WOR 4	1986.86	190	0.70	10.16	10.64	13	.113
204	03218N1850	A 2345	1986.85	161	1.01	9.97	10.66	11	.068
224	03488N4303	ES 1519	1986.85	89	1.67	12.87	17.23	11	.068
238	04002N2427	POU 391	1986.86	46	1.64	7.72	12.15	10	.060
253	04292 S 3120	HU 1371	1986.85	156	0.87	9.27	10.86	13	.068
271	04525N1850	COU 709	1986.87	88	0.98	9.07	12.79	8	.066
287	05053N0130	RST5212	1986.87	179	0.71	10.93	11.52	10	.066
291	05077N4426	ES 1374	1986.87	285	2.11	9.66	13.07	11	.057
302	05139N2419	COU 570	1986.87	144	0.96	9.59	10.51	12	.057
312	05216N2603	COU 572	1986.86	133	0.74	8.37	9.45	12	.076
315	05232N2850	A 488	1986.86	34	1.77	9.42	13.07	12	.076
332	05414N0621	J 35	1986.86	149	1.05	9.50	10.11	14	.057
333	05429 S 2545	B 89	1986.87	294	0.92	9.14	10.69	14	.066
336	05485N0632	A 2714	1986.87	144	0.83	8.83	9.13	11	.066
346	05591N1819	Σ 835	1986.87	328	0.93	9.44	9.46	11	.057
355	06054N1021	KAM	1986.87	128	0.79	8.60	10.06	11	.066
366	06237N1237	A 2726	1986.86	306	0.60	8.91	9.37	10	.076
374	06352N0125	RST5244	1986.86	78	1.17	10.69	12.04	14	.076
424	07303 S 2257	RST2487	1986.85	65	1.53	10.20	12.70	17	.068
472	08211N8503	A 1078	1986.86	123	0.99	8.64	11.70	13	.060
483	08341N4209	A 2129	1986.86	306	0.89	9.79	10.36	11	.060
557	10034N2601	A 1988	1986.31	302	1.89	8.75	13.05	15	.061
563	10098N1223	HU 1254	1986.31	223	1.14	9.60	10.15	14	.061
568	10144 S 2240	I 206	1986.31	313	0.81	8.41	10.57	11	.061
597	10380N0511	A 2769	1986.33	145	0.73	7.86	9.99	11	.056
633	11240 S 2413	B 215	1986.33	198	0.62	11.85	11.79	9	.056
64[illegible]	11356 S 1748	HU 464	1986.31	68	1.00	9.74	10.38	11	.061
672	11558N4421	A 1779	1986.33	143	1.51	9.43	13.23	13	.056
701	12199 S 3232	DAW 62	1986.31	231	1.54	9.00	14.03	10	.058
739	13032N2729	STT 260	1987.44	234	0.81	12.72	11.58	10	.057
755	13205N2612	BRT	1987.44	353	0.96	9.20	9.98	15	.057
780	13559 S 0954	HJ 4640	1987.44	320	0.76	9.05	9.64	11	.057
783	13581 S 2340	I 522	1986.31	34	1.80	9.06	11.63	20	.070
812	14185N5134	A 148	1986.31	233	1.17	7.65	10.27	13	.061
817	14259 S 3201	I 525	1986.32	272	1.03	8.87	9.96	16	.061
831	14434 S 1222	RST3895	1987.43	37	0.56	8.93	9.61	9	.042
840	14586 S 3008	I 532	1986.31	355	1.36	8.99	10.36	19	.070
864	15228N2416	A 82	1986.31	111	0.59	9.45	9.96	13	.061
924	16204 S 1354	RST3942	1987.43	13	0.61	9.81	9.89	9	.026
955	16571 S 3228	I 998	1987.43	246	0.54	9.19	10.86	9	.042
1081	19036N6238	MLR 8	1986.87	248	0.68	9.81	12.41	11	.066
1095	19195 S 3018	I 1401	1986.56	28	6.45	8.73	14.10	12	.058
1107	19310N2934	A 368	1986.57	137	0.60	8.39	9.30	9	.052
1108	19337 S 3150	FIN 13	1986.56	214	1.92	9.27	9.38	13	.058

Table 10.

Nr	IDS	Name	t	θ	ρ(″)	m_RA	m_RB	s_R	SD V
1140	20107N0421	A 386	1986.56	255	1.09	9.01	13.53	10	.061
1149	20211 S 1910	HU 586	1986.56	134	0.87	9.37	10.59	12	.061
1183	20536N5226	A 1437	1986.57	332	1.27	9.28	11.61	12	.052
1195	21045N1841	COU 329	1986.57	218	1.14	10.85	13.41	12	.052
1201	21165N2208	COU 229	1986.57	272	1.39	9.82	14.56	10	.052
1202	21166N5430	A 1694	1986.57	87	1.00	9.21	12.22	11	.052
1211	21226 S 1516	RST4085	1986.57	1	0.97	9.01	11.22	11	.052
1305	23138 S 0716	A 2699	1986.55	3	0.90	13.49	12.84	13	.054
1330	23376N5403	A 1495	1986.57	13	0.74	.09	9.67	9	.067
1341	23468 S 3303	B 623	1986.57	338	1.00	9.17	11.85	11	.061
3096	00471 S 2810	RST1200	1987.02	61	2.78	13.03	9.00	10	.079
3253	02110 S 2304	B 31	1987.03	65	3.64	12.73	8.72	9	.033
3399	03269 S 1304	RST3383	1987.03	60	1.11	12.97	9.22	9	.039
3422	03383N2754	A 1826	1987.04	92	0.64	13.57	12.12	9	.037
3697	05452 S 0556	RST4285	1987.03	329	0.53	13.10	12.61	6	.033
3764	06148N1835	A 2516	1987.03	146	0.88	13.62	12.83	12	.047
3780	06215N0313	A 2671	1987.04	166	0.54	12.76	11.75	9	.037
3815	06349 S 1136	HU 44	1987.04	145	2.33	13.33	9.67	9	.037
3859	06494N1206	A 2833	1987.03	100	0.74	13.81	13.10	12	.047
3926	07100N3053	A 672	1987.03	258	1.30	12.86	9.88	7	.039
3985	07344N6246	HU 1121	1987.03	152	0.71	13.38	11.48	8	.039
4019	07533 S 1037	BU 902	1987.04	235	1.52	13.29	10.27	12	.037
4164	08547 S 2914	RST1410	1987.04	327	0.81	13.08	12.46	11	.037
4225	09302 S 2528	RST2638	1987.04	157	0.79	12.80	12.73	11	.037
4238	09360 S 3444	JSP 339	1987.04	270	2.28	8.35	10.90	12	.033
4241	09376 S 2315	RST2648	1987.03	129	1.62	14.02	10.94	11	.039
4245	09395N4132	BAR	1987.04	225	3.15	13.03	9.72	10	.037
4272	09549N5605	KUI 46	1987.04	52	2.77	13.75	8.97	10	.033
4273	09552 S 0614	A 555	1987.04	186	0.63	12.95	12.25	10	.037
4304	10195N2508	Σ 1429	1987.02	5	0.59	12.55	12.42	9	.079
4306	10208N0833	A 2569	1987.03	310	2.06	8.23	12.24	7	.039
4308	10240 S 0411	RST4456	1987.03	342	1.17	13.15	10.28	8	.039
4339	10419N2306	STT 228	1987.02	174	0.62	13.42	12.27	8	.079
4349	10489 S 2348	B 206	1987.03	262	1.84	8.34	11.62	11	.047
4402	11221 S 2140	B 1698	1987.03	15	3.12	7.57	12.32	9	.039
4419	11299N3558	HU 887	1987.04	304	1.31	8.59	10.27	8	.037
4457	11507N1148	AG	1987.03	80	1.13	12.96	9.80	9	.047
4475	11587 S 1321	RST3770	1987.03	242	1.21	8.22	11.59	10	.039
4478	12001N3925	ES 307	1987.04	355	4.45	8.85	13.03	10	.033
4485	12042N1558	A 2056	1987.03	315	0.62	9.15	9.89	8	.039
4487	12058 S 2937	B 1208	1987.03	294	4.11	13.68	9.01	10	.047
4488	12060N5428	A 1595	1987.04	313	2.96	8.51	12.40	11	.033
4489	12060 S 0600	A 77	1987.04	344	0.76	13.62	12.31	11	.040
4497	12103 S 2704	B 223	1987.04	8	1.66	13.44	11.60	18	.037
4503	12120N0216	A 2487	1987.02	177	1.92	8.80	11.94	11	.079
4517	12203 S 1247	RST3788	1987.04	306	2.66	13.52	9.84	11	.037
4555	12479 S 1758	RST2821	1987.03	331	1.36	8.19	10.95	10	.047
4575	12582N6818	MLR 153	1987.04	239	1.69	8.23	11.64	9	.037
4576	12590N0544	A 1784	1987.02	310	1.74	8.60	11.60	9	.079
4600	13170 S 0408	BU 1084	1987.43	88	2.77	7.34	11.87	9	.057
4625	13317 S 1556	RST3845	1987.43	314	1.01	7.45	10.23	9	.057
4653	13514 S 1323	RST3855	1987.44	120	1.84	8.82	11.38	15	.042
4655	13525 S 1103	RST3856	1987.43	315	2.15	7.99	12.61	8	.057
4665	13583N2503	COU 301	1987.43	250	0.70	8.21	8.65	0	.057
4666	13586 S 2807	B 264	1987.44	243	1.02	8.35	10.08	14	.042
4668	14002N6735	HU 1148	1987.44	77	1.02	8.96	9.11	11	.042
4675	14059N0453	A 1795	1987.44	67	0.86	8.56	9.02	13	.042

Table 10.

Nr	IDS	Name	t	θ	$\rho('')$	$m_R A$	$m_R B$	s_R	SD V
4721	14328 S 0814	BU 804	1987.44	139	1.35	8.41	10.67	10	.042
4726	14365N3143	Σ 1867	1987.44	29	0.91	8.01	8.49	12	.042
4730	14369N0957	Σ 1866	1987.44	44	0.91	7.78	8.18	12	.042
4740	14400 S 2159	B 1762	1987.44	165	4.47	7.60	11.34	99	.042
4967	16525N5207	A 1870	1987.44	230	2.04	7.53	11.43	8	.042
5073	17435 S 1118	RST3984	1987.44	56	3.00	8.11	11.97	10	.042
5078	17472 S 0358	RST4578	1987.44	14	2.18	8.22	11.51	10	.042
5204	18402 S 0320	A 90	1987.43	359	3.05	8.37	12.14	8	.042
5238	18533 S 2122	RST5127	1987.43	190	3.21	8.45	12.51	10	.057
5274	19066N3811	A 263	1987.44	219	0.88	9.29	9.57	12	.056
5295	19154N0337	A 2270	1987.44	54	4.69	8.96	13.05	10	.056
5328	19272N1735	Σ 2536	1987.44	106	1.90	7.81	10.26	9	.057
5335	19307N2841	COU1031	1987.44	238	1.83	8.17	11.13	10	.057
5359	19389N1327	HU 1195	1987.44	319	2.13	8.24	12.17	9	.057
5364	19413 S 2007	BU 146	1987.44	5	0.79	8.16	9.72	10	.039
5387	19500 S 0106	BU 830	1987.44	110	2.30	7.98	10.88	10	.039
5393	19527N0243	A 2392	1987.44	157	2.00	7.62	12.56	10	.057
5428	20036N2629	A 279	1987.44	31	0.84	9.01	9.89	9	.039
5467	20163 S 0804	HO 277	1987.44	70	3.30	8.57	11.60	11	.056
5506	20319N1416	A 1679	1987.44	285	2.27	8.38	10.98	14	.056
5510	20342N1439	BU 435	1987.44	87	3.16	8.68	11.47	13	.056
5578	21054N6240	MLR 14	1987.44	219	0.73	8.41	8.43	10	.056