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Errata: Lattice Energies, Equilibrium Distances, Compressibilities, and Characteristic Frequencies of Alkali Halide Crystals

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Glyceryl monolaurate.—This is supplied by Glyco Products Company, Inc., as a white wax-like solid, and contains soap as a slight impurity. Its aqueous systems are also liquid crystalline and give long spacings which vary as the reciprocal of the concentration of the glyceryl monolaurate.

Additional work is being done in this laboratory on the preparation and examination of pure non-ionic compounds of this type. This, together with a detailed description of the above work, will be reported elsewhere.

[1] Karl Baedeker, Kolloid. Zeits. **94**, 161 (1941).

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IN columns 2 and 3 of Table I, M' should be 12.

In the fourth line of the second column on page 144, the equation should be $\epsilon = -\frac{9}{4}h\nu_{\max}$.

In Eq. (3a), $(1+k_2)$ should be replaced by k_2.

In Eq. (3b), a in front of the bracket should be replaced by k_2.

The heading of column 7 of Table III should be $\frac{1}{\beta}\left(\frac{\partial\beta}{\partial T}\right)_P$.

The calculated compressibility values listed in columns 20 and 21 of Table III are incorrect. The correct values, together with the experimental values from column 19, are given below.

	β		
Formula	exp. (ref. 16) 10^{-12} barye^{-1}	(Eq. (2)) 10^{-12} barye^{-1}	(Eq. (4)) 10^{-12} barye^{-1}
LiF	1.17	1.31	1.82
LiCl	3.41	3.35	3.27
LiBr	4.31	3.82	3.71
LiI	6.01	4.12	4.28
NaF	2.11	2.18	2.61
NaCl	4.263	4.56	4.29
NaBr	5.08	5.21	4.81
NaI	7.07	6.29	6.06
KF	3.30	3.17	3.66
KCl	5.63	6.16	6.01
KBr	6.70	7.13	6.81
KI	8.54	8.35	7.99
RbF	4.1	3.97	3.88
RbCl	6.65	7.00	6.25
RbBr	7.94	8.08	7.20
RbI	9.57	9.64	8.74
CsF	4.25	5.51	4.86
CsCl	5.95	5.89	5.57
CsBr	7.06	6.88	6.56
CsI	8.57	8.13	8.28