

Corrections.

1. In a paper by the undersigned, "The TiO Colour Effect, and the Densities of M Stars" (T. P. 28.₅, 1936) the concluded cosmic spread in the density logarithm of the M dwarfs is based on an erroneously computed probable error of the parallax logarithm. Instead of $\Delta_{\log \pi} = \pm 0.063$, there should be $\Delta_{\log \pi} = \pm 0.0274$.

With this value of $\Delta_{\log \pi}$, the cosmic spread in the density logarithm becomes $\Delta = \pm 0.15$, or ± 41 per cent.

This value of Δ , although amounting to more than twice the originally published value, is not large enough to make necessary considerable changes in the qualitative conclusions arrived at in the above-mentioned paper.

2. A similar error occurs in the paper: "On the Empirical Mass-Luminosity Relation" (T. P. 30.₁, 2, 1938). There the cosmic spread of the masses from the mean mass-luminosity relation was considered. Instead of $\Delta_{\log \pi} = \pm 0.04$, there should be $\Delta_{\log \pi} = \pm 0.017$. However, this correction has no influence upon the final conclusion, since the dispersion now becomes equal to the observational error dispersion, instead of amounting to only two-fifths of it, and the cosmic spread in the mass logarithms for given luminosity remains practically zero, as was already suggested in the original paper.

Tartu,
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Correction.

In a paper by E. Öpik, "Stellar Structure etc" (T. P. 30.₃, 1938), p. 51, Table 2, $n = 0.0$, for $Q_{max}/A = 0.309$ read 0.103, and for $\alpha = 0.057$ read 0.171; the error is produced by the omission of a factor of $\frac{1}{3}$. As the case $n = 0.0$ is nowhere used in the above-mentioned paper, the error is of no consequence.