

Erratum

The metallicity dependence of the Cepheid *PL*-relation

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Equation (1) in the paper “The metallicity dependence of the Cepheid *PL*-relation” by Groenewegen et al. (2004, A&A, 420, 655) contains an unfortunate typographical error: all terms “log [Fe/H]” should read “[Fe/H]”.

The correct formula is thus:

$$\begin{aligned} M = & \alpha_1 + \alpha_2 [\text{Fe}/\text{H}] + \alpha_3 [\text{Fe}/\text{H}]^2 \\ & + \alpha_4 \left(1 + \frac{\alpha_5}{\alpha_4} [\text{Fe}/\text{H}] + \frac{\alpha_6}{\alpha_4} [\text{Fe}/\text{H}]^2 \right) \log P_0 \\ & + \alpha_7 \left(1 + \frac{\alpha_8}{\alpha_7} [\text{Fe}/\text{H}] + \frac{\alpha_9}{\alpha_7} [\text{Fe}/\text{H}]^2 \right) (\log P_0)^2 \\ & + \beta(m_1 - m_2) + \Delta_{\text{LMC}} x_{\text{LMC}} + \Delta_{\text{SMC}} x_{\text{SMC}}, \end{aligned} \tag{1}$$

All results remain unchanched as the fitting was performed using the correct formula.