Erratum to: An elastic-plastic contact model for line contact structures [Sci. China-Phys. Mech. Astron. 61, 054611 (2018)]

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In the original publication [1] of this paper, eq. (14) should be written as:

$$\sigma_{ave} = \begin{cases} \frac{\pi E^* \varepsilon^*}{8}, & \varepsilon^* < \frac{3.80 \sigma_s}{E^*}, \\ \frac{\pi E^* \varepsilon^*}{8} + 0.95 \left(1 - \frac{H^*}{E^*}\right) \sigma_s \sqrt{1 - \left(\frac{3.80 \sigma_s}{E^* \varepsilon^*}\right)^2} \\ - \frac{(E^* - H^*) \varepsilon^*}{4} \times \arcsin \sqrt{1 - \left(\frac{3.80 \sigma_s}{E^* \varepsilon^*}\right)^2}, & \varepsilon^* \geq \frac{3.80 \sigma_s}{E^*}, \end{cases}$$

where “0.85” in the original equation should be “0.95”.

1 H. Zhu, Y. Zhao, Z. He, R. Zhang, and S. Ma, *Sci. China-Phys. Mech. Astron.* 61, 054611 (2018).

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