

Tolerance factor and phase stability of the garnet structure. Corrigendum

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An error in an equation in the paper by Song *et al.* [*Acta Cryst.* (2019), **C75**, 1353–1358] is corrected.

In the last equation of §2.2 (*Expression for tolerance factor using ionic radius*) of the paper by Song *et al.* (2019), there is a typographical error in the numerator, which should be $R_A + R_D$, not $R_A - R_D$. The correct equation is given below:

$$\begin{aligned}\tau &= \frac{L'}{H} = \frac{2\sqrt{(R_B + R_D)^2 - \left(\frac{\sqrt{3}}{3}L\right)^2}}{\sqrt{\frac{2}{3}} \times \sqrt{\frac{8}{3}}(R_C + R_D)} \\ &= \frac{3\sqrt{(R_B + R_D)^2 - \frac{4}{9}(R_A + R_D)^2}}{2(R_C + R_D)}.\end{aligned}$$

References

Song, Z., Zhou, D. & Liu, Q. (2019). *Acta Cryst.* **C75**, 1353–1358.

