Erratum: Sudden stress relaxation in compound semiconductor thin films triggered by secondary phase segregation [Phys. Rev. B **92, 155310 (2015)]**

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We noticed that an incorrect version of the equation for the relaxed lattice spacing d_r was included in the Supplemental Material (Sec. 3). The original, incorrect, equation was as follows:

$$d_r = d_\Psi \frac{\left(\frac{1}{\nu} + 1\right)}{2 \sin^2 \Psi} + d_{0^\circ} \left(1 - \frac{\left(\frac{1}{\nu} + 1\right)}{2 \sin^2 \Psi}\right).$$

The correct equation is

$$d_r = d_\Psi \frac{2}{\left(\frac{1}{\nu} + 1\right) \sin^2 \Psi} + d_{0^\circ} \left(1 - \frac{2}{\left(\frac{1}{\nu} + 1\right) \sin^2 \Psi}\right).$$

The Supplemental Material has been amended accordingly. This mistake, however, does not affect the evaluations and conclusions in the main paper, since for all calculations of d_r [depicted in Figs. 2(a) and S5] the correct equation was used.

We are grateful to Helena Stange for pointing this out.