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Grazing-incidence X-ray scattering of lamellar thin films. Erratum

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Errors in the article by Smilgies [J. Appl. Cryst. (2019), 52, 247–251] are corrected.

The equations given by Smilgies (2019) contain two errors:

Equation (5) should read

$$2\theta = \arctan[(x^2 + z^2)/L].$$

Equation (11) should read

$$q_y = \frac{2\pi}{\lambda} \sin(\psi) \cos(\beta).$$

Note also that the d spacing used for generating the images in Fig. 4 is 1.5 nm. The notations q_{hkl} and G_{hkl} are used interchangeably for the scattering vector associated with Bragg reflection hkl.

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References

Smilgies, D.-M. (2019). J. Appl. Cryst. 52, 247-251.

