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Corrigendum

Corrigendum to “Fast, robust and accurate determination of transmission electron microscopy contrast transfer function” [J. Struct. Biol. 160 (2007) 249–262]

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On page 251, Eq. (6) should read, “ $|\Delta f(\mathbf{R})| = \Delta f_M \cos^2(\angle \mathbf{R} - \theta) + \Delta f_m \sin^2(\angle \mathbf{R} - \theta)$,” instead of “ $\Delta f(\mathbf{R}) = (\Delta f_M \cos(\angle \mathbf{R} - \theta), \Delta f_m \sin(\angle \mathbf{R} - \theta))$ ”

Interestingly the maximum and minimum defocus values implied by the incorrect Eq. (6) are the same as those implied by the correct one, while the intermediate defocus values are not.

Additionally, it should be noted that defocus values defined by the correct Eq. (6) do not follow an ellipse (as is the case in the incorrect Eq. (6)), although the first zeroes of the Contrast Transfer Function implied by these defoci do (assuming that there is no spherical aberration).

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