ERRATA

Erratum to: Improved Generation of Higher Harmonics and Suppression of the Lowest Harmonics in an X-Ray FEL with a Two-Frequency Undulator

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We hereby clarify the following correct mathematical form of **formula (5) and formulas in the text above** it for the Bessel coefficients of a dual-frequency undulator:

$$\begin{aligned}
 f_{n,x} &= I_{n-1}^{(h)}(n) + I_{n+1}^{(h)}(n) \\
 &= \frac{d}{h} \left(I_{n+h}^{(h)}(n) + I_{n-h}^{(h)}(n) \right), \\
 I_n^{(h)}(m) &= \int_0^{2\pi} \frac{d\phi}{2\pi} \\
 &\times \cos \left(n\phi + \frac{mk^2(\xi_1 + \xi_2 + \xi_3 + \xi_4)}{1 + k_{\text{eff}}^2/2} \right), \\
 \xi_1 &= \frac{\sin(2\phi)}{4}, \quad \xi_2 = \frac{d \sin((h-1)\phi)}{h(h-1)}, \\
 \xi_3 &= \frac{d \sin((h+1)\phi)}{h(h+1)}, \quad \xi_4 = \frac{d^2 \sin(2h\phi)}{4h^3}.
 \end{aligned}$$

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