addenda and errata

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Crystallographic input data for (001), (110) and (111)-oriented superlattices. Corrigendum

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Equations (13)–(18) in the paper by Touaa & Sekkal [(2012), *Acta Cryst.* B**68**, 378–388] are corrected.

In the text (§2) there was a factor of $\frac{1}{2}$ missing from all the last terms in each of equations (13)–(18). The corrected equations are given below.

$$\mathbf{M} \equiv \mathbf{L}_1 \equiv \boldsymbol{B} = \frac{2\pi}{a_{(111)\mathrm{SL}}}\left(\sqrt{2}\boldsymbol{i}^0 - \frac{\sqrt{2}}{2}\boldsymbol{k}^0\right) \tag{13}$$

$$\mathbf{M} \equiv \mathbf{L}_2 \equiv \boldsymbol{A} = \frac{2\pi}{a_{(111)\mathrm{SL}}}\left(-\sqrt{2}\boldsymbol{i}^0 - \frac{\sqrt{2}}{2}\boldsymbol{k}^0\right) \tag{14}$$

$$\mathbf{L} \equiv \mathbf{L}_3 \equiv \boldsymbol{C} = \frac{2\pi}{a_{(111)\mathrm{SL}}}\left(-\frac{\sqrt{2}}{2L^2}\boldsymbol{j}^0 + \frac{\sqrt{2}}{4L}\boldsymbol{k}^0\right) \tag{15}$$

$$
\begin{aligned}
\mathbf{X} &\equiv \mathbf{X}_1 \equiv \boldsymbol{B} + \boldsymbol{C} \\
&= \frac{2\pi}{a_{(111)\mathrm{SL}}}\left\{\sqrt{2}\boldsymbol{i}^0 - \frac{\sqrt{2}}{2L^2}\boldsymbol{j}^0 + \frac{1}{2}\left(-\sqrt{2} + \frac{\sqrt{2}}{2L}\right)\boldsymbol{k}^0\right\}
\end{aligned}
\tag{16}
$$

$$
\begin{aligned}
\mathbf{X} &\equiv \mathbf{X}_2 \equiv \boldsymbol{A} + \boldsymbol{C} \\
&= \frac{2\pi}{a_{(111)\mathrm{SL}}}\left\{-\sqrt{2}\boldsymbol{i}^0 - \frac{\sqrt{2}}{2L^2}\boldsymbol{j}^0 + \frac{1}{2}\left(-\sqrt{2} + \frac{\sqrt{2}}{2L}\right)\boldsymbol{k}^0\right\}
\end{aligned}
\tag{17}
$$

$$\mathbf{Z} \equiv \mathbf{X}_3 \equiv \boldsymbol{A} + \boldsymbol{B} = \frac{2\pi}{a_{(111)\mathrm{SL}}}\left(-\sqrt{2}\boldsymbol{k}^0\right) \tag{18}$$

This typesetting mistake occurred only in the text. The correct equations (including the factor of $\frac{1}{2}$) were used in the calculations in §3 of the paper, so the results and the conclusions were not affected by this omission.

References

Touaa, Z. & Sekkal, N. (2012). *Acta Cryst.* B**68**, 378–388.