Additions and Corrections

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Beth S. Guiton,* Hui Wu, and Peter K. Davies*: Neutron Powder Diffraction of $(Nd_{7/12}Li_{1/4})TiO_3$ Nano-Checkerboard Superlattices.

Please note the following correction to this article (*Chem. Mater.* **2008**, *20*, 2860−2862):

An error has been found in the data given in Supporting Information, Table 2. The *y*/*b* values for atoms O3 and O4 were inadvertently switched. These lines should have read O3 at (0.000, 0.702, 0.000) and O4 at (0.000, 0.798, 0.500). The error resulted in distorted TiO_6 octahedra and an

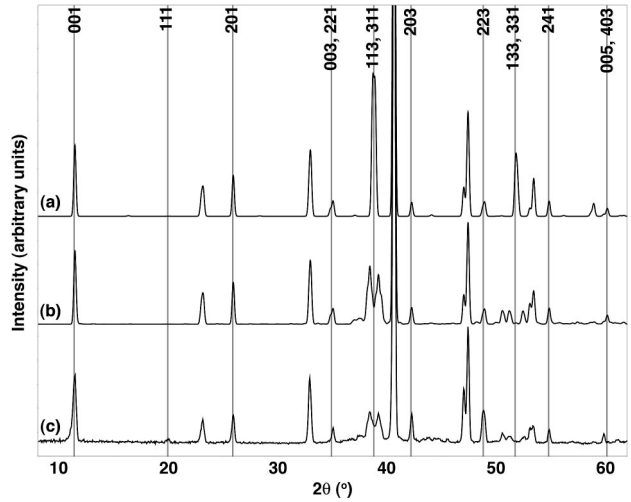

Figure 3. (corrected). Comparison of simulated NPD patterns with experimental data. Indexing shown for X- and R-point peaks. (a) $(Nd_{7/12}Li_{1/4})TiO_3$ with 1:1 primary order along the *c*-direction (resulting in X-point peaks) and $a^-a^-c^0$ tilt system (resulting in R-point peaks). (b) $(Nd_{7/12}Li_{1/4})TiO_3$ periodically phase separated into 50% $[(Nd_{1/2}Li_{1/2})TiO_3]$−50% $[Nd_{2/3}TiO_3]$, on a $14a_p \times 28a_p \times 2a_p$ unit supercell. (c) NPD data obtained for $(Nd_{7/12}Li_{1/4})TiO_3$.

erroneous (111) peak in the simulated pattern shown in Figure 3a. The authors stress that this does not change the conclusions or impact of the research discussed in this paper.

A reference made in the text (page 3, column 1) to the low intensity (111) peak in our NPD data is now redundant. In view of the effect that correcting the simulation had on the (111) peak it is likely that the very low intensity (111) peak seen in our data is due to a small distortion of the crystal structure from ideal orthorhombicity.

The authors apologize for any confusion this error may have caused.

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