Correction to “Structure and Pore Size Distribution in Nanoporous Carbon”

Yanzhou Wang, Zheyong Fan, Ping Qian,* Tapio Ala-Nissila,* and Miguel A. Caro*

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In our recent article, the given eqs 9–11 for the isotropic projection of stiffness tensors are incorrect. The coefficients multiplying the biaxial elastic constants are too small by a factor of 2. These are the correct expressions (with the corrected coefficients highlighted in bold):

\[ c_{11}^{\text{iso}} = \frac{6}{30}(C_{11} + C_{22} + C_{33}) + \frac{4}{30}(C_{12} + C_{13} + C_{23}) \]

\[ + \frac{8}{30}(C_{44} + C_{55} + C_{66}) \]  \hspace{1cm} (9)

\[ c_{12}^{\text{iso}} = \frac{2}{30}(C_{11} + C_{22} + C_{33}) + \frac{8}{30}(C_{12} + C_{13} + C_{23}) \]

\[ - \frac{4}{30}(C_{44} + C_{55} + C_{66}) \]  \hspace{1cm} (10)

\[ c_{44}^{\text{iso}} = \frac{2}{30}(C_{11} + C_{22} + C_{33}) - \frac{2}{30}(C_{12} + C_{13} + C_{23}) \]

\[ + \frac{6}{30}(C_{44} + C_{55} + C_{66}) \] \hspace{1cm} (11)

This error does not affect the calculated values displayed in tables and figures throughout the paper, which rely on the implementation in the Mattpy code, which is correct. We thank Jiuyang Shi from Nanjing University for bringing this issue to our attention.

REFERENCES
(1) Wang, Y.; Fan, Z.; Qian, P.; Ala-Nissila, T.; Caro, M. A. Structure and Pore Size Distribution in Nanoporous Carbon. Chem. Mater. 2022, 34, 617.
(2) Mattpy: Material tensor Python routines. http://github.com/mcaroba/mattpy (accessed: 2022-09-02).