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### Erratum

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**Erratum: First-principles approach to the electron-phonon interaction**  
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In Eq. (D3) of the manuscript accidentally a term containing the nuclear equilibrium positions is missing. The correct form of this equation is

$$Q_i = \sum_{n=1}^N \sum_{j=1}^3 b_{ij}^n (R_j^{n'} - R_{0j}^n),$$

where  $\mathbf{R}_{0,n}$  are the equilibrium positions which minimize the Born-Oppenheimer energy in the body-fixed frame. The derivations in Eqs. (D6)–(D22) are independent of this extra term. However, the reference to the equilibrium positions is necessary to obtain the correct form of Eq. (D23) and the correct relation to Eq. (111) of the paper.

This accidental omission does not affect the conclusions of the work.