

**Erratum: First-principles prediction of crystal structures at high temperatures  
using the quasiharmonic approximation  
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Equation (6) had a sign mistyped. It should read

$$\alpha = \frac{1}{V} \left. \frac{\partial V}{\partial T} \right|_{P'}.$$

Equation (9) is the thermodynamic functional relation for  $F$  that depends on the two independent variables:  $V(P', T')$  and  $T'$ . Therefore, Eq. (9) should read

$$F[V(P', T'), T'] = \left\{ U[V(P', T')] + \sum_{\mathbf{q}j} \frac{\hbar \omega_{\mathbf{q}j}[V(P', T')]}{2} \right\} + k_B T' \sum_{\mathbf{q}j} \ln(1 - e^{\hbar \omega_{\mathbf{q}j}[V(P', T')]/k_B T'}).$$