Correction to "Photoelectron Spectrum of Ammonia, a Test Case for the Calculation of Franck–Condon Factors in Molecules Undergoing Large Geometrical Displacements upon Photoionization"

Andrea Peluso,* Raffaele Borrelli, and Amedeo Capobianco

The original article was published with some typographical errors affecting the equations. Here we report the corrected equations; they share the same number as in the original paper, a "c" suffix has been added for future reference.

The correct eq 3 (page 14833) is

$$\mathbf{Q} = \mathbf{L}^{-1}(\mathbf{S} - \mathbf{S}_0) \qquad \mathbf{Q}' = \mathbf{L}'^{-1}(\mathbf{S} - \mathbf{S}_0') \tag{3c}$$

A prime symbol was missing both on $\mathbf{L}^{-1}$ and $\mathbf{S}_0$ in the second equation after the comma.

The correct eq 4 (page 14833) is

$$\mathbf{L}\mathbf{Q} + \mathbf{S}_0 = \mathbf{L}'\mathbf{Q}' + \mathbf{S}_0' \tag{4c}$$

A prime symbol was omitted in the last $\mathbf{S}_0$.

The correct eq 5 (page 14833) is

$$\mathbf{Q} = \mathbf{L}^{-1}\mathbf{L}'\mathbf{Q}' + \mathbf{L}^{-1}(\mathbf{S}_0' - \mathbf{S}_0) \tag{5c}$$

The correct eq 6 (page 14833) is

$$\mathbf{J} = \mathbf{L}^{-1}\mathbf{L}' \qquad \mathbf{K} = \mathbf{L}^{-1}(\mathbf{S}_0' - \mathbf{S}_0) \tag{6c}$$

The correct eq 8 (page 14834) is

$$\mathbf{K} = \mathbf{T}^{\dagger}\mathbf{M}^{-1/2}\mathbf{B}^{\dagger}\mathbf{G}^{-1}(\mathbf{S}_0' - \mathbf{S}_0) \tag{8c}$$

Again, a prime symbol was omitted on $\mathbf{S}_0$.