Erratum: “Ab initio computed diabatic potential energy surfaces of OH–HCl”


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Equation (47) of the article has a small typographical error. In the second binomial coefficient \( \alpha \) must be replaced by \( \beta \). The correct equation for the \( d \) functions is

\[
d_{m'm}^d(\theta) = (-1)^k \binom{2j-k}{k+\alpha} \left( \frac{k+\beta}{\beta} \right)^{-1/2} \left( \sin \frac{\theta}{2} \right)^{\alpha} \left( \cos \frac{\theta}{2} \right)^{\beta} P_k^{\alpha,\beta}(\cos \theta).
\]

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