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Erratum: “\textit{Ab initio} computed diabatic potential energy surfaces of OH–HCl” [J. Chem. Phys. 122, 244325 (2005)]

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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

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

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