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Erratum: "*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 α must be replaced by β. The correct equation for the d functions is

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

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