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Erratum

An Analytic Treatment of Adiabatic and Nonadiabatic Effects on the Vibration-rotational Energies of Diatomic Molecules

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An incorrect sign of an intermediate quantity has led to erroneous signs in several equations printed in this paper. Specifically, below equation 16, W = 1 should read W = -1. Correspondingly, all the external signs of quantities on the right-hand side of equation 17 should be reversed; the two minus signs at the top level in equation 32 should be replaced by plus signs; the sign before each coefficient Ξ_j, $0 \le j \le 4$, in the table and in the three equations appearing in the text on page 190 should be reversed. In no way are the discussion and the conclusions affected by these modifications.

An obvious typographical error appears in the expression for $Z_{1,0}$ in the table: γ_2 should be replaced by η_2 in the second term that hence should read "$+\gamma(-3a_1\eta_1/2 + \eta_2)$".

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