

Erratum: Electron–atomic-hydrogen elastic collisions in the presence of a laser field
[Phys. Rev. A 35, 1590 (1987)]

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Equation (9) of this paper contains a misprint; it should read

$$f_{el}^{B1,l}(\Delta) = J_l(\Delta \cdot \alpha_0) f_{el}^{B1}(\Delta) - i J_l'(\Delta \cdot \alpha_0) \sum_n \omega_{n,0} \frac{f_{0,np}^{B1}(\Delta) M_{np,0} + M_{0,np} f_{np,0}^{B1}(\Delta)}{\omega_{n,0}^2 - \omega^2}. \quad (9)$$

The calculations were performed with the correct formula. We also want to stress that this expression is valid for all frequencies ω , except in the vicinity of a Bohr frequency $\omega_{n,0}$.

Erratum: Interference effects on the H(2p) to H(2s) branching ratio
in the photodissociation of hydrogen and deuterium
[Phys. Rev. A 35, 3339 (1987)]

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In Eq. (2) the square of the 3- j coefficient has been omitted by error. It should also be noted that Eq. (2) applies only to the case where the final dissociative channels are uncoupled. In the coupled problem studied in this paper, the partial cross sections have been calculated using the correct expression,

$$\sigma_{i\nu''N'' \rightarrow fN'E} = \frac{4\pi^2(\hbar\omega)}{\hbar c} \frac{(2N'+1)}{3} \left| \sum_{\Lambda'} g_{\Lambda'}^{1/2} \begin{bmatrix} N' & 1 & N'' \\ -\Lambda' & \Lambda' & 0 \end{bmatrix} \langle \chi_{i\nu''N''} | \mu_{\Lambda'} | \chi_{f\Lambda'N'E} \rangle \right|^2,$$

where the vibrational functions $\chi_{f\Lambda'N'E}$ are the coefficients of the expansion of the total wave function $|\psi_{fN'E}\rangle$ in terms of the different final electronic $|\phi_{\Lambda'}\rangle$ states,

$$|\psi_{fN'E}\rangle = \sum_{\Lambda'} \chi_{f\Lambda'N'E}(R) |\phi_{\Lambda'}\rangle.$$

Erratum: Convection in binary mixtures: A Galerkin model with impermeable boundary conditions
[Phys. Rev. A 35, 3997 (1987)]

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There are two misprints in Eq. (6), which should read

$$\psi_{pc}(\hat{k}) = -(1+\sigma)[1+\sigma+(1+\sigma)(8/\pi^2 \hat{L}) + \sigma(8/\pi^2 \hat{L}^2)]^{-1}. \quad (6)$$

We also note that on page 4000, in the first column, second line from bottom of text, $\langle \phi \rangle$ should read $\langle \hat{\phi} \rangle$.