Erratum

Erratum: Quantum defect theory of l uncoupling in H_2 as an example of channel-interaction treatment [Phys. Rev. A 2, 353 (1970)]

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On p. 357, Eq. (19′) should read

$$\nu_0^2 = \nu_2^2/(1-12B\nu_2^2) = \cdots .$$

On p. 359, Eq. (38) should read

$$\tan\eta = \frac{\sin^2\frac{1}{2}\pi\delta \sin^2 2\alpha}{1-\sin^2\frac{1}{2}\pi\delta \sin^2 2\alpha} .$$

On p. 360, Eq. (48) should read in part

$$q = -\cot(\Delta_p - \Delta_z) ,$$

i.e., a sign should be reversed.

The asymptotic form of Coulomb functions in Sec. II, derived from Ref. 2, should be revised to reflect amendments introduced by W. Eissner *et al.* [J. Phys. B 2, 342 (1969)]. The revision, which removes stray imaginary terms from otherwise real expressions, has no effect on following portions of this paper but is relevant to other applications. I am indebted to Dr. J. Dubau for bringing this matter to my attention.

On p. 356, Eq. (10), the factor $e^{i\pi\nu}$ should read $\cos\pi\nu$, and the factor $e^{i\pi(\nu+1/2)}$ should read $(-\sin\pi\nu)$. In Eq. (15), the factor $e^{i\pi(\nu+\mu_\Lambda)}$ should read $\cos\pi(\nu+\mu_\Lambda)$. Recall that these equations must also be reinterpreted, unless $\nu \gg 1$, as stated in the second paragraph of Sec. II.