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Erratum

A perturbation theory treatment of oscillating magnetic fields in the radical pair mechanism (Chemical Physics 182 (1994) 1–18) ☆

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In the last stages of the production process, after the author's proof had been returned, some unfortunate errors occurred. In Eqs. (1), (10) and (11) $\psi(t)$ and $\psi'(t)$ on the far left should be replaced by $\hat{\psi}(t)$ and $\hat{\psi}'(t)$, respectively; in Eq. (29) $\cos m(\alpha_j t' + \phi_j)$ should read $\cos(\alpha_j t' + \phi_j)$; and finally on p. 16 in the 15th line of Section 5.3 "strenghts" should read "strengths".

Furthermore there is an error in Eq. (47). There is a factor $c_n^* c_m / (i\hbar)^2$ in the first line of Eq. (47). The $(i\hbar)^2$ factor should be replaced by $(i\hbar)(-i\hbar) = -(i\hbar)^2 = |i\hbar|^2 = \hbar^2$. The $i\hbar$ comes from the $b_s^{(1)}(t)$ term in Eq. (46) while the $-i\hbar$ comes from the $b_r^{*(1)}(t)$ term in Eq. (46). Examining Eq. (29) makes this more clear. Note however that Eq. (48) on p. 9 is given correctly.

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