

Perturbative quantum dynamics: variants of the Dirac method

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CORRIGENDUM

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In this paper, mistakes have occurred in three equations.

Equation (1.8) should be

$$A_m(\lambda, t) = A_m^{(0)} + \lambda A_m^{(1)}(t) + \lambda^2 A_m^{(2)}(t) + \dots$$

In (2.14) the terms inside the large square bracket should be

$$\left[V'_{ss} + \sum_{m \neq s} \frac{c_m}{c_s} V'_{sm} \exp(i\omega_{sm}) - \frac{i\hbar}{\lambda} \frac{\partial \ln c_s}{\partial t} \right].$$

The final term in (3.20) should be $O(\lambda^4)$ instead of $O(\lambda^3)$.