

**Erratum: Fractional behavior in multidimensional Hamiltonian systems describing reactions
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Equation (3) contains a misprint of the coefficient of the term q_1^4 in the definition of H_0 , and should read

$$H = H_0 + H_1,$$

$$H_0 = \frac{p_1^2}{2} - \frac{\lambda^2 q_1^2}{2} + \frac{\lambda^2}{4} q_1^4 + \sum_{i=2}^3 \left(\frac{p_i^2}{2} + \frac{\omega_i^2 q_i^2}{2} + b q_i^4 \right),$$

$$H_1 = e^{-(q_1 - 1)^2 / \sigma^2} [a_1 q_2^2 q_3^2 + a_2 (q_1 - 1)^2 (q_2^2 + q_3^2)]. \quad (3)$$

Equation (4) contains a misprint of the subscript of A , and should be

$$J_i(h_i) = \frac{1}{2\pi} \oint dq_i p_i(q_i) = \frac{A_i}{3k^2} [(2k_i^2 - 1)E(k_i) + (1 - k_i^2)K(k_i)]. \quad (4)$$

The definitions of ω_1 and h_1 contain misprints, and should read

$$\omega_1 = \lambda\sqrt{2}, \quad h_1 = \frac{p_1^2}{2} - \frac{\lambda^2 q_1^2}{2} + \frac{\lambda^2}{4} q_1^4.$$

These misprints do not affect the content of the article.

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