Erratum to: Classical and Quantum Dynamics: From Classical Paths to Path Integrals

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Unfortunately, a few typos have been left uncorrected in the initial version published online and in print. The version supplied here has been corrected and approved by the author.

Following typos are corrected in this corrected version:

p. 36, in (4.58): $\cot\omega\frac{(t_2-t_1)}{2}$

p. 73, (6.75): $\dot{q} = \frac{\partial H}{\partial p}$ *not* $\dot{q} = \frac{\partial H}{\partial q}$

p. 83, after (7.44): (6.69) *not* (5.69)

p. 84, after (7.46): (6.70) *not* (5.70)

p. 108 , (8.52): $B \rightarrow B_0$

p. 144, 2 lines before (11.26): $H \rightarrow H_1$

p. 152, 6th line from top: frequency *not* frequently

p. 154, equation (11.74): $J = \frac{1}{2\pi} \oint p\,dq, \omega = \frac{\partial H}{\partial J}$

$$\omega \text{ not } w$$

p. 156, 3rd and 4th line from top: $J_n (k_\perp \bar{\varrho})$

p. 156, 5th line from top: $\bar{\rho} (\bar{P}_\phi) = \sqrt{2\bar{P}_\phi / m\Omega}$

p. 156, 7th line from top: $\bar{\rho}^2 = \frac{2}{m\Omega} \bar{P}_\phi$

p. 157, before (12.1): Chap. 10, *not* Chap. 7

p. 158: 13th line, after "or": $\tilde{H} (\ldots) = H (\ldots) + \varepsilon \frac{\partial W(\ldots, \varepsilon \bar{q}_i \ldots)}{\partial (\varepsilon t)}$, i.e., $\bar{q}_i$ not q_i

p. 163, first line: Chap. 10, *not* Chap. 7

p. 165, line after (13.3): (10.28/10.29) *not* (11.28/11.29)

p. 170, 9th line from top: Chap. 11, *not* Chap. 10

p. 206, after (17.6), *insert*:

Now we can start to quantize the theory. We begin with the important concepts of transition amplitude and probability.

p. 243, in (19.70): $(x_1^2 + x_2^2)$

p. 268, 1st line after (21.39): Chap. 5, *not* Chap. 4

p. 402, 13th line from top: (cf. Chap. 11) instead of (cf. Chap. 10)

p. 459, in the Index, 9th line from top: Maupertuis instead of Maurituis