Quantum Mechanics
Symbolism of Atomic Measurements
by J. Schwinger, edited by B.-G. Englert
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List of typographical errors (updated April 2021)

1. On p. 29, in the footnote, Schrödinger's year of birth is 1887, not 1889.

2. On p. 30, before (1.1.2), replace "component of force" by "component of the force".

3. On p. 64, in (1.12.29) replace $\mathrm{e}^{\mathrm{i}\varphi}$ by $\mathrm{e}^{\pm\mathrm{i}\varphi}$ and $\mathrm{e}^{-\mathrm{i}\varphi}$ by $\mathrm{e}^{\mp\mathrm{i}\varphi}$.

4. On p. 83, in (1.16.19) replace $\mathrm{e}^{\mathrm{i}q'p}$ by $\mathrm{e}^{\mathrm{i}q''p}$.

5. On p. 109, in (2.3.7) replace $\mathrm{e}^{\mathrm{i}\,\langle q\rangle\,(p'-\langle p\rangle)}$ by $\mathrm{e}^{-\mathrm{i}\,\langle q\rangle\,(p'-\langle p\rangle)}$.

6. On p. 117, in (2.5.16) replace the left-hand side by
$$0=\left(\frac{\mathrm{d}^2}{\mathrm{d}q'^2}-q'^2+2n+1\right)\mathrm{e}^{-\frac{1}{2}q'^2}\mathrm{H}_n(q').$$

7. On p. 119, in (2.5.37) replace $\sum\limits_{l\neq q}$ by $\sum\limits_{l\neq k}$.

8. On p. 126, first line in (2.7.33), replace $\langle y^\dagger|y''\rangle$ by $\langle y^{\dagger'}|y''\rangle$.

9. On p. 126, last line in (2.7.33), replace $\langle y^\dagger|'y''\rangle$ by $\langle y^{\dagger'}|y''\rangle$.

10. On p. 137, in Problem 2-14, replace $\frac{1}{2}\big|\mathrm{i}\big[A,B\big]\big|$ by $\frac{1}{2}\Big|\big\langle\mathrm{i}\big[A,B\big]\big\rangle\Big|$.

11. On p. 138, in Problem 2-17a, replace $(\frac{1}{2}\big(\overline{q}\,\overline{p}+\overline{p}\,\overline{q}\big)$ by $(\frac{1}{2}\big(\overline{\overline{q}}\,\overline{p}+\overline{\overline{p}}\,\overline{q}\big)$ in the last displayed equation.

12. On p. 151, in (3.4.2) replace $j=\frac{1}{2}(n_++n_-)=n$ by $j=\frac{1}{2}(n_++n_-)=\frac{1}{2}n$.

13. On p. 151, in the second line of (3.4.3) replace $\big|n_+-1,n_++1\big\rangle$ by $\big|n_+-1,n_-+1\big\rangle$.

14. On p. 166, in (3.7.22), replace $U^{(1)}_{-1,1}=\sin^2\theta$ by $U^{(1)}_{-1,1}=\sin^2\frac{\theta}{2}$.

15. On p. 203, in (5.5.14) read $\int_{t_2}^{t_1}$ rather than $\int_{t_1}^{t_2}$.

16. On p. 232, in (6.7.8) replace $\frac{1}{3}\sigma^3$ by $\frac{1}{3}\tau^3$ in the exponent.

17. On p. 278, in (7.4.14) read $(1\pm\mathrm{i}\delta\alpha)y_\pm$ rather than $(1\pm\mathrm{i}\delta\alpha\,y_\pm)$.

18. On p. 285, in the first line of (7.5.8) read $\boldsymbol{L}^2\to-(\boldsymbol{q}\times\boldsymbol{\nabla})\cdot(\boldsymbol{q}\times\boldsymbol{\nabla})$ rather than $\boldsymbol{L}^2\to-(\boldsymbol{q}\times\boldsymbol{\nabla})\times(\boldsymbol{q}\times\boldsymbol{\nabla})$.

19. On p. 287, in (7.5.26) replace $\mathrm{L}^{(l+\frac{1}{2})}_{n_\rho}(\rho)$ by $\mathrm{L}^{(l+\frac{1}{2})}_{n_\rho}(\rho^2)$.

20. On p. 366, in the second and the third line of (10.1.41), replace $e^{i\varphi(a') + i\varphi(a'')N}$ by $e^{i\varphi(a')N + i\varphi(a'')N}$.

21. On p. 400, in (11.2.35) replace $\dfrac{1}{4\pi^2 e^2}$ by $\dfrac{1}{4\pi e^2}$.

22. On p. 401, replace the text below the plot by "shows that $f = 0$ occurs at finite x, where $-f' \neq 0$, if $-f'(0) > B$; and $f' = 0$ occurs at *finite* x, where $f \neq 0$, if $-f'(0) < B$."

23. On p. 402, in the second line of (11.2.46), replace $-f(0)$ by $-f'(0)$.

24. On p. 404, in (11.2.62), replace $\dfrac{3}{7}\dfrac{B}{a/a_0}BZ^{\frac{7}{3}}\dfrac{e^2}{a_0}$ by $\dfrac{3}{7}\dfrac{B}{a/a_0}Z^{\frac{7}{3}}\dfrac{e^2}{a_0}$.

25. On p. 447, in (12.9.3), replace $\langle E_0|\delta H_1|E_0\rangle$ by $\langle E_0|\delta H_2|E_0\rangle$.