

Errata

AN INTRODUCTION TO THE MATHEMATICAL STRUCTURE OF QUANTUM MECHANICS (Second Edition)

A Short Course for Mathematicians

[by F. Strocchi]

- p. 14, line 26: (1.2.2) \longrightarrow (1.2.1)
- p. 33, last sentence before footnote 21: add, at the end of the sentence, “since by Proposition 1.5.4 $\omega(A^*A)$ is real.” so the sentence reads:
This requires $\omega(A^*A) \geq 0$ since by Proposition 1.5.4 $\omega(A^*A)$ is real.
- p. 43, line 20: after the first and the last equal signs insert:
“ $r_B =$ ” and “ $r_A =$ ”, respectively, so that the equation reads:
$$\|\pi(A)\|_B = r_B = \sup_{\lambda \in \sigma_B(\pi(A))} |\lambda| \leq \sup_{\lambda \in \sigma_A(A)} |\lambda| = r_A = \|A\|_A,$$
- p. 45, line 11 from bottom: $\pi(A) \longrightarrow \pi_\omega(A)$
- p. 99, line 17: (4.4.6) \longrightarrow (4.5.6)
- p. 101, line 8: $\lambda^{-2} \longrightarrow \lambda^{-1}$
line 4 from bottom: and \longrightarrow , $\|H_0\psi_\lambda\| = \lambda^{-1/2}\|H_0\psi\|$ and
- p. 113, line 2: $e^{i\phi} \longrightarrow e^{i\phi} \sin \theta$
- p. 150, line 2 from bottom: $W(0, \beta + 2\gamma') \longrightarrow W(n, \beta + 2\gamma')$
- p. 157, line 5: and define \longrightarrow , selects and defines