

Introduction to Quantum Mechanics, 3rd edition
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New Errata, June 8, 2020

- Page xii, end of first paragraph: “George Arfken and Hans-Jurgen Weber, *Mathematical Methods for Physicists*, 7th edn, Academic Press, Orlando (2013)” → “George B. Arfken, Hans J. Weber, and Frank E. Harris, *Mathematical Methods for Physicists*, 7th edn, Academic Press, Waltham (2013)”.
- Page 49, footnote 33, line 3: “and Hans-Jurgen Weber,” → “, Hans J. Weber, and Frank E. Harris,”; next line: “Orlando” → “Waltham”.
- Page 49, footnote 34: “Arfken and Weber” → “Arfken, Weber, and Harris”.
- Page 57, footnote 42, line 3: “2.102” → “2.103”, “Arfken and Weber (footnote 33), Section 20.4” → “Arfken, Weber, and Harris (footnote 33), Chapter 20”.
- Page 82, 2 lines above (2.180): **S** → S [make it light face, but still sans serif]; likewise 3 lines above (2.183): **M** → M.
- Page 83, (2.184): **M** = **M**₂**M**₁ → M = M₂M₁.
- Page 162, footnote 33: “and Hans-Jurgen Weber,” → “, Hans J. Weber, and Frank E. Harris,” and “Orlando” → “Waltham”.
- Page 172, (4.158) and the following line: make S bold face (and sans serif).
- Page 235, footnote 5, line 3: “New York” → “Waltham”.
- Page 249, Problem 6.14: there are 7 M’s and 5 S’s that appear to be bold face sans serif; they should all be *light* face sans serif.
- Page 269, Problem 6.32: there are 6 R’s and 8 S’s that *may* be bold sans serif (I can’t tell); they should all be light face sans serif.
- Page 290, Example 7.3, Solution, first displayed equation: $W_{aa} \rightarrow W_{aa}$ [*not* sans serif and not bold]; next line of text: $W_{bb} \rightarrow W_{bb}$ [*not* sans serif and not bold]; next displayed equation: $W_{ab} \rightarrow W_{ab}$ [*not* sans serif and not bold].
- Page 291, first displayed equation: $W_{ab} \rightarrow W_{ab}$ [*not* sans serif and not bold].

- Page 340, Figure 8.7: move the curve to the right about 3 mm, so the minimum occurs at 2.5, and move the tick labeled “Equilibrium” from about 2.4 to 2.5; 4 lines after 8.52: “2.4 Bohr” \rightarrow “2.5 Bohr”.
- Page 383, footnote 6: “and Hans-Jurgen Weber,” \rightarrow “, Hans J. Weber, and Frank E. Harris,”; next line: “Orlando” \rightarrow “Waltham”.
- Page 439, footnote 42: “and Hans-Jurgen Weber,” \rightarrow “, Hans J. Weber, and Frank E. Harris,” and “San Diego” \rightarrow “Waltham”, next line: “p. 744” \rightarrow “Section 15.4”.
- Page 469, footnote 8: erase “boldface”.
- Page 470, footnote 9: erase “boldface”.
- Page 486, under “angular momentum” sub-heading “mechanical”: add 321.