

Errata for “Quantum Computing: From Concepts to Code”

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My book “Quantum Computing: From Concepts to Code,” published by No Starch Press, is now available at your favorite physical or online bookstore, or directly from the publisher at <https://nostarch.com/quantum-computing>.

It’s inevitable that a project of this size will have errors. In this file, I’ll list each error that I’m aware of, along with the name of the person who first spotted it and when they reported it to me.

Each error is described by its page, its paragraph (counted as blocks of text), the material to be replaced, a right arrow \rightarrow , and the new material. There’s usually a bit of extra material in those excerpts to give you context.

To support math where needed, I’m maintaining this file in LaTeX and making it available here as a PDF.

If you find an error that isn’t already here, please send me an email describing the problem as clearly as you can. If I agree that it needs fixing, I’ll list it here, and (if you like) I’ll thank you with a quantum computing merit badge sticker for your laptop, refrigerator, or anywhere else you like to put stickers!

The Errata

Page 31, Third paragraph Mark McLaughlin, 14 September, 2025
zahlen \rightarrow *Zahlen*

Page 32, Gauss quote Willow Mahoney, 2 July 2025
 $+1, 1, \text{ and } \sqrt{-1}$ \rightarrow $+1, -1, \text{ and } \sqrt{-1}$

Page 47, Last paragraph Mark McLaughlin, 14 September, 2025
The same reasoning confirms \rightarrow Using the same reasoning that gave us $-\beta$ as the second root, we find

Page 150, Second paragraph Andrew, 1 Sept 2025
(and their four-by-four qugate matrices) \rightarrow (and their four-by-one qugate matrices)

Page 244, First paragraph Andrew, 3 July, 2025
becomes a relative phase → becomes a negative amplitude.

Page 244, First paragraph Andrew, 3 July, 2025
changes the relative phases between different terms. → causes interference
among the superposition's terms.

Page 249, Fifth paragraph Andrew, 3 July, 2025
propagation of relative phase → propagation of negative amplitude

Page 250, Sixth paragraph Andrew, 3 July, 2025
delete "of propagation of relative phase,"

End of File