

Corrections to
Special Relativity: For the Enthusiastic Beginner

First Printing

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Please email morin@physics.harvard.edu if you find any errors.

The corrections below are listed by page number. They are grouped into three categories: (1) Important errors that will cause confusion, (2) minor errors that might cause confusion, and (3) trivial errors that should not cause confusion.

Important errors:

(None yet)

Minor errors:

6: 3rd line after Eq. (1.3): "... a total distance of $2L$ at speed v_s ." (not v_p)

15: Fig. 1.11: The L should be L' , due to length contraction (discussed later in Sec. 1.3.3).

18: Fig. 1.19: The diagonal speed $\sqrt{c^2 + v_b^2}$ should be $\sqrt{v^2 + v_b^2}$.

46,47: The "*Section 1.5: Velocity addition*" header on page 47 should be moved forward and placed before Problem 1.12, because Problems 1.12 and 1.13 involve velocity addition.

100: Eq. (2.61): The upper-right entry in the matrix on the righthand side should be $v_1 + v_2$.

Trivial errors:

2: 9th line of Section 1.1.1: "... can be described **by** unique..."

9: 1st line of 2nd paragraph of Remark 3: "... as it **orbits** around..."

252: Sentence before Eq. (6.52): "... or a computer, if **you** want more digits..."