

Corrections to the 12th Printing
(October 4, 2007)
Introduction to Electrodynamics, 3rd ed.
by David Griffiths

- Page 29, Figure 1.25, at the bottom of the right-hand vertical dashed line: change “ x ” to “ b ”.
- Page 31, line after Eq. 1.56: insert comma after “I suppose”.
- Page 129, line 3: change “ $g(x)$ ” to “ $g(y)$ ”.
- Page 197, Figure 4.32: the arrows on h are backwards (arrowhead on upper one should be at the top, pointing up, and on the lower one at the bottom, pointing down).
- Page 311, one line after second equation: change “5.63” to “5.64”.
- Page 357, first full paragraph, starting line 4: change “In this case . . . Chapter 12 (Ex. 12.12)” to “In this case, however, the center of mass is *not* at rest: the battery is losing energy, and the resistor is gaining energy, so relativistically there is a net transfer of mass ($m = E/c^2$) in the z direction, and this corresponds precisely to the momentum in the fields.”.
- Page 363, Problem 8.14, line 3: change “momentum in the” to “momentum (about the center) in the”.
- Page 382, Problem 9.12: insert a minus sign in front of \mathbf{T} .
- Page 427, Problem 10.10: change the equation from “ $I(t) = kt.$ ” to “ $I(t) = kt \quad (-\infty < t < \infty).$ ”.
- Page 442, Problem 10.24(b): change “by q_2 to q_1 ” to “to q_2 by q_1 ”.
- Page 444, footnote 3: change “but there is a subtle problem . . . save for Sect. 11.2” to “but moving point charges are hard to work with (because of the awkward denominator in the Liénard-Wiechert potentials), and this formulation is much simpler”.
- Page 495, Figure 12.17: remove the bar over A , and move the bullet from the \bar{x} axis to the x axis.
- Pages 538-539, the word “while” and Eq. 12.124 are repeated in some printings—once at the bottom of page 538, and again at the top of page 539.
- Page 542, line after Eq. 12.134: change “Chapter 11” to “Chapter 10”.