Errata for *Engineering Electromagnetics, 8th ed* May 17, 2012

1. Problem 1.15: The answer to part b (in Appendix F) should be (0.29,0.78,0.56). The part d answer should be 33.3. Solution file has been modified.
2. Problem 2.15: The stated charge density should be 10^5 C/m^2, not 10^{15}.
3. Problem 3.14, part c: Detected power should be 1 nanowatt, not 1 milliwatt.
4. Problem 4.16, the given potential is defined in the region ($a < r < \infty$), *not* ($0 < r < \infty$). Also, in part d, find the energy in the region ($a < r < \infty$).
5. Problem 4.23: The answer to part a (in Appendix F) should be $-48\rho^{-0.4}$ V/m
6. Problem 4.24: part d refers to Eq. (42) (not (43)); part e refers to Eq. (44) (not (45)).
7. Problem 5.4: The given volume charge density should have units of C/m^3
8. p. 158, caption for Fig. 6.8: should read .....$N_Q = 8 \times 3.25 = 26$... (not $\times 26$).
9. Problem 8.6 (p. 271): "magetic" should be "magnetic".
10. Problem 9.2 (p. 296) The bar velocity, indicated as "**U**", should be "**v**".
11. Problem 9.9. The answer (Appendix F) should be $P = 2.9 \times 10^3 \left[\cos(1.5 \times 10^8 t - 0.13) - \cos(1.5 \times 10^8 t)\right]^2$.
12. Problem 9.12 (p. 299) Assume $\mathbf{J} = 0$.
13. p. 319, Example 10.4, Solution part b: ....2dB in 20 m implies a loss rating of 0.1 dB/m... (not 0.2).
14. Eq. (103), Chapter 13 should read

$$\beta_{mp} = \frac{2\pi n}{\lambda}\sqrt{1 - \left(\frac{\lambda}{\lambda_{Cmp}}\right)^2}$$

15. Problem 13.27: Answer in Appendix F should be 3.304, not 3.32. Solution file has been modified.
16. Problem 14.2 (p. 548) The problem pertains to the Hertzian dipole.
17. Problem 14.4 (p. 548) The last part of the problem refers to Eq. (35) Chapter 4, not Eq. (36).