Classical Electrodynamics, 3rd edition, Errata for 8th printing

[Errors not corrected in the 7th printing of September 2001. .Sent to Wiley Jan 7, Jan 23, and Feb 12, 2002. Verified as included correctly in the 8th printing, 12.02.02]

p. 48 - two lines above (1.79) - At beginning of line replace 1.21 with 1.22.

p. 54 - Problem 1.19 - last line, Change page numbers from 151-152 to 275-277.

p. 52 - Problem 1.14, end of 5th line up and beginning of 4th line up -
Replace $[\mathbf{G}(\mathbf{x},\mathbf{y}) - \mathbf{G}(\mathbf{x}',\mathbf{y})]$ with $[\mathbf{G}(\mathbf{x},\mathbf{x}') - \mathbf{G}(\mathbf{x}',\mathbf{x})]$

p. 55 - Problem 1.22 (b) - In last two equations, replace "S tilde" on LHS with $\langle\langle F(0,0)\rangle\rangle$

p. 56 - Problem 1.24 (a) - Replace Φ in second line with $4\pi\varepsilon_0\Phi$.

p. 98 - last line - parenthesis missing on the left. Replace $d[1 - x^2)^\ell]$ with $d[(1 - x^2)^\ell]$

p. 100 - second equation from the bottom of the page - left hand parenthesis missing in the square bracket of the integrand. replace $[\ell + 1)P_{\ell+1} + ...]$ with $[(\ell + 1)P_{\ell+1} + ...]$

p. 141 - Problem 3.19 (c) - Summation index should be *n*, not *m*

p. 162, footnote - Replace *Lorentz-Lorenz equation* (1880) with *Lorenz-Lorentz equation* (1869, 1880)

p. 231 - Answer for the interaction energy in Problem 5.25 (c) should read

$$W_{12} = \mu_0 I_1 I_2 d \cdot Re \left\{ e^{i\alpha} - \sqrt{e^{2i\alpha} - a^2/d^2} \right\}$$

[This corrected answer appears in the fifth and sixth prinitings, but has been replaced in the seventh printing by the original incorrect answer.]

p. 293 - Problem 6.24 (b) - The first equation should read $\mathbf{B} = 0 + O(\partial^2 I/\partial t^2)$

p. 296 - line below (7.6) - Replace "Using $k = \omega v \ldots$" by "Using $\omega = k v \ldots$"

p. 326 - first footnote - Add reference: B. Segard and B. Macke, Phys. Lett. **109A**, 213 (1985).

p. 380 - first line of Eq.(8.108) - Change sign to $+ \nabla\left(\frac{1}{\varepsilon}\mathbf{E} \cdot \nabla\varepsilon\right)$

p. 388 - line below Eq.(8.125) - Replace $\varepsilon = n^2$ with $\varepsilon = n^2\varepsilon_0$

p. 388 - second line in Eq.(8.127) - Replace the term $\gamma^2 H_z$ on LHS with $\gamma^2 E_z$.

(End of list)