

**Errata for *Engineering Electromagnetics* (second printing)
by Kenneth R. Demarest**

Page	Line	Correction
58	Figure P2-16	Replace $P_2(2,3)$ with $P_3(2,3)$
78	7th and 9th	replace [μN] with [pN]
80	4th from bottom	replace [N/m^3] with [N/m^2]
207	Table	replace "electrostatics" with "magnetostatics"
224	24th	replace middle "=" with "-"
290	Figure 9-11	add label "c" at the left side of the dotted line
256	6th	replace "charge" with "current"
297	1st equation	Replace with: $W_m = \frac{1}{2} L_{22} \left(I_2 + \frac{L_{12}}{L_{22}} I_1 \right)^2 + \frac{1}{2} \left(L_{11} - \frac{L_{12}^2}{L_{22}} \right) I_1^2$
299	3rd-5th equations	Insert "-" signs in front of the first terms on the right-hand sides
307	1st two equations	Replace $(y - d/2)$ with $(d/2 - y)$
475	8th	Equation should read: $\mathcal{P}_{\text{ave}}^{(2)} = \frac{ E^i ^2}{2} T ^2 \operatorname{Re} \left[e^{-\alpha_2 z} e^{-j\beta_2 z} \left(\frac{e^{-\alpha_2 z - j\beta_2 z}}{\eta_2} \right)^* \right] \hat{\mathbf{a}}_z$
Left Endcover		In the spherical $\nabla \times \mathbf{A}$ expression, the 2nd unit vector should be $\hat{\mathbf{a}}_\theta$