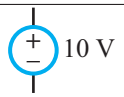
Errata: Book Corrections

(ISBN 978-1-934891-00-1)

Last update: March 18, 2010

Page	Location	Item	Correction
48	Exercise 2-10	I_x	$I_x = 1.33$ A
87	Fig. 3-4	$V_2 - V_1 = 10$ V	$V_3 - V_2 = 10$ V
120	Problem 3.16	2 A source	Replace with voltage source 
141	Fig. 4-8	upper symbol in trangle	should be +
143	Example 4-3	line 14 "Since $i_n = 0$"	Since $i_\mathrm{p} = 0$
143	Example 4-3	last equation $v_\mathrm{n} = \ldots$	$v_\mathrm{p} = \ldots$
144	Fig. 4-11	+ and − inside triangle	interchange + and −
144	Fig. 4-11	$i_\mathrm{n}, i_\mathrm{p}, v_\mathrm{n}, v_\mathrm{p}$	interchange p and n subscripts
144	First equation	$v_\mathrm{p} = \ldots$	$v_\mathrm{n} = \ldots$
174	Fig. P4.7	+ and − on op amp	Reverse + and −
233	Fig. 5-51(a) and (b)	Direction of current source	Reverse it (downward instead of upward)
244	Figs. P5.58 and P5.59	+ and − on op amp	Reverse + and −
276	Table 6-3 Underdamped	$\cdots + (D_2 \sin \omega_\mathrm{d} t) e^{-\alpha t}] \, u(t)$	$\cdots + D_2 \sin \omega_\mathrm{d} t] e^{-\alpha t} \, u(t)$
292	Chapter 6 Relationships	$\cdots + (D_2 \sin \omega_\mathrm{d} t) e^{-\alpha t}] \, u(t)$	$\cdots + D_2 \sin \omega_\mathrm{d} t] e^{-\alpha t} \, u(t)$
297	Problem 6.43	element values	$R_\mathrm{s} = 3\ \Omega$, $R_1 = 0.5\ \Omega$, $R_2 = 1\ \Omega$, $L = 2$ H, and $C = 2$ F
298	Problem 6.50	$R_3 = 20$ kΩ, $R_4 = 12$ kΩ	$R_3 = 12$ kΩ, $R_4 = 20$ kΩ
329	Fig. 7-19(d)	$\mathbf{V}'_\mathrm{s} = \mathbf{I}_\mathrm{s}\mathbf{Z}'_\mathrm{s} = \cdots$	$\mathbf{V}'_\mathrm{s} = \mathbf{I}_\mathrm{s}\mathbf{Z}'_1 = \cdots$
330	Example 7-9	phase angle $-31.55°$	$-31.61°$
366	Figs. P7.58, P7.59, P7.61	op amp polarities	interchange + and − in triangle
374	Eq. (8.36b)	average exchanged power	peak exchanged power
374	Line 2 after Eq. (8.36b)	the average amount	the peak amount
398-99	Figs. P8.17, P8.18, P8.19	op amp polarities	interchange + and − in triangle
418	Fig. 9-10(b)	Horizontal scale	Should be same as in (a)
429	Left column, line 4	pole	zero
484	Eqs. (10.62) and (10.63)	s	should be bold $\mathbf{s}$
494	Eq. (10.115)	second term	$\dfrac{5\omega}{\mathbf{s}^2 + \omega^2}$
587	1.9	2.948 (kC)	2.948 C
588	7.10 (e)	$\mathbf{z}_5$	$\mathbf{z}_5 = 5e^{j53.13°}$