Errata

All errors described below have been fixed in the current posted version of the book.

My thanks to Prof. J. Kofman of University of Waterloo, Prof. V Soamidas of Dayalbagh Educational Institute, my students Eli Vlaisavljevich, and James Davis for their help in identifying several of the errors below.

Corrections to August 2009 version.

Page Number (other)	Text with error	Corrected Text
41 (prob 1-94)	σ_{zz} = 150 MPa (C)	σ_{zz} = 150 MPa (T)
151 (prob 4-5)	$\varepsilon_{xx} = 2000\ \mu$	$\varepsilon_{xx} = 200\ \mu$
180(prob 4-53)	P = 25 kips	P = 2.5 kips
317 (prob 6-113)		Dimension in the figure aligned correctly
376	**ANS.** τ_{nt} = 49.35 MPa (T)	**ANS.** τ_{nt} = 70.48 MPa (T)
564 (Quick Test 3.2, question 6)	There are four nonzero strain components in plane stress problems.	There are five nonzero strain components in plane stress problems.
564 (Quick Test 3.2, question 9)	There are four nonzero stress components in plane strain problems.	There are five nonzero stress components in plane strain problems.
564 (Quick Test 4.1, question 8).	False.	True
571 (Answer 3.4)	ε_{elas} = 0.056; ε_{plas} = 0.009	ε_{elas} = 0.0028 ; ε_{plas} = 0.0622
572 (Answer 4.18)	4.18 (a) $u_D - u_A$ = –0.0234 in;	4.13 (a) $u_D - u_A$ = –0.0234 in;
572 (Answer 4.20)	4.20 $u_B - u_A$ = 0.126 mm	4.18 $u_B - u_A$ = 0.126 mm

Corrections to January 2010 version

Page Number (other)	Text with error	Corrected Text
6 (Figure 1.9 Configuration 2)	$\boldsymbol{N}_B$ = 15 kips	$\boldsymbol{N}_A$ = 15 kips
17 (prob 1-45)	P = , 80,kips	P = , 80 kips
30 (prob 1-83)	Reworded to improve clarity based on students input.	
58 (Eq. E4)	$\delta_{HC} = \overline{\mathbf{D}}_{BC} \cdot \overline{\mathbf{i}}_{BC}$ = 2.7 mm	$\delta_{BC} = \overline{\mathbf{D}}_{BC} \cdot \overline{\mathbf{i}}_{BC}$ = 2.7 mm
72 (Eq. E2)	$v_C - v_A$ = –0.0032 mm	$v_B - v_A$ = –0.0032 mm
106 (prob 106)	A = 100 in.^{2}	A = 0.2 in.^{2}
107 (prob 3.48)	Added words to improve clarity based on students input.	
216 (paragraph below Figure 5.17)	$\gamma_x\theta$	$\gamma_{x\theta}$
337 (prob 7.16)	For the beam shown in Figure P7.14...	For the beam shown in Figure P7.16...