

## Corrections to First Print

- Page 28**, Problem 8(b), change denominator second term in the equation to  $(x - y)^2$ .
- Page 29**, Problem 11, delete (a).
- Page 29**, Problem 16(a), change to: ... the length  $c$  by using ...  
16(b), change to: ... angles  $\beta$  and  $\alpha$  (in degrees) ...
- Page 31**, Problem 25, in the figure change  $R_3$  to  $R_2$ ,  $R_4$  to  $R_3$ , and  $R_2$  to  $R_4$ .
- Page 32**, Problem 30, change to: Given  $V_0 = 36$  V, ....., calculate the voltage  $V_C$  8 seconds ....
- Page 33**, Problem 35, change to: ... deposit for 5 years and interest rate of 10% ( $r = 0.1$ ).
- Page 57**, Problem 20, change to: ... that has 10 elements ...
- Page 58**, Problem 27(a), change to: ... vectors  $a$ ,  $b$ , and  $c$ .
- Page 60**, Problem 35(b), change to: ... eight-element row vector ...
- Page 93**, Problem 29(c), change to: ...  $3A+3C$  ...
- Page 123**, Problem 1, change fourth term in the equation to: ...  $-0.22475541TR$  ...
- Page 127**, Problem 16, last row change to:  $a = 0.05$  m.
- Page 130**, Problem 22, fifth equation change to:  $-\sin(48.81^\circ) F_1 - F_3 = 1800$   
sixth equation change to:  $-F_4 - \cos(48.81^\circ) F_5 + \cos(45^\circ) F_9 = 1200$
- Page 131**, Problem 26, change 10 Doubles to 0, and change 12 Bogeys to 2.
- Page 166**, Problem 15, last line change to: where  $-4 \leq t \leq 4$  .
- Page 168**, Problem 23, change equation to:  $Q = 1020\sqrt{P}(1 - 0.01\sqrt{P})$  .
- Page 170**, Problem 28, change to: The initial gauge length is  $L_0 = 25.4$  mm.
- Page 171**, Problem 32, change the second sin term in the equation to:  $\sin(\frac{\omega_n + \omega}{2} t)$ .
- Page 173**, Problem 36, change the equation of  $R_B$  to:  $R_B = [w_2 c(2L - c) + w_1 a^2]/(2L)$ .
- Page 174**, Problem 40, change first line in the legend to  $\cos(x)$ .
- Page 215**, Problem 23(b), change to:  $\cos(125^\circ)$ .
- Page 218**, Problem 34, last equation change  $t$  to  $\theta$ .
- Page 257**, Problem 31(b), change pressure units to: inHg
- Page 259**, Problem 36, change to: ... size of the inductor in ...
- Page 260**, Problem 39(b), change to: ... up the first plot by  $25^\circ$  and make a plot ...
- Page 260**, Problem 40(b), change to: ... with seven rows and ...
- Page 315**, Problem 10, correct 2<sup>nd</sup> equation to:  $S = \pi(R_1 + R_2)\sqrt{(R_2 - R_1)^2 + h^2} + \pi R_1^2$
- Page 316**, Problem 17 (b), correct equation to:  $\int_0^{4\pi} \cos(x) e^{\sqrt{x}} da$