Dynamics: Chapters 12 Problem 12-20	2nd line of problem statement should read "velocity" not "speed"	p. 17
Problem 12-37	Change " $t < 2\upsilon_0/g$ " to " $t < 2\upsilon_0/g$ "	p. 18
Problem 12-83	Add " k ," after "where _, c , h , and b "	p. 47
Problem F12-28	Add "and $v = 1$ m/s" before " $s = 0$ "	p. 60
Problem 12-182/183	Art: delete the dimension "0.5 m"	p. 79
Problem 12-183	Change "which is defined by" to "with such that"	p. 79
Answer F12-25	Change " $v_A = 40.4$ ft/s" to " $v_A = 40.0$ ft/s" [last line]	p. 682
Answer 12-82	Change " $\Delta r = 6.71$ km" to " $\Delta r = 3.61$ km" Change " $v_{avg} = 4.86$ m/s" to " $v_{avg} = 2.61$ m/s"	p. 700
Answer 12-179	Replace both answers with " $\ddot{r} = -250 \text{ mm/s}$ " and " $\ddot{r} = -2165 \text{ mm/s}^2$ "	p. 702
ISM: Answer 12-179	Omit last 4 lines of ISM solution, revise last two lines to read: " $\dot{r} _{\theta=30^{\circ}} = v_r = -100 \sin 30^{\circ}(5) = -250 \text{ mm/s}$ $\ddot{r} _{\theta=30^{\circ}} = a_r = -100[0 + \cos 30^{\circ}(5^2)] = -2165.06 \text{ mm/s}^2 = -2.17 \text{ m}$	n/s^2
ISM: Answer 12-180	Omit last 4 lines of ISM solution, revise last two lines to read: " $\dot{r} _{\theta=30^{\circ}} = v_r = -100 \sin 30^{\circ}(5) = -250 \text{ mm/s}$ $\ddot{r} _{\theta=30^{\circ}} = a_r = -100[\sin 30^{\circ}(6) + \cos 30^{\circ}(5^2)] = -2465.06 \text{ mm/s}^2 =$	-2.47 m/s ²
Chapter 13 Problem 13-114/115	Art: change to " $\theta = 3 \text{ rad /s}$ "	p. 154
Problem 13-134	Delete "(c) elliptical" add "(c) hyperbolic"	p. 165
Problem 13-135	Change " <i>A</i> " to " <i>B</i> " Art: remove <i>A</i> and "5 Mm" dimension	p. 165
Answer 13-97	Replace all 4 answers with: " $a_r = -7.128 \text{ ft/s}^2$ " " $a_{\theta} = -3.6536 \text{ ft/s}^2$ " " $F = 0.0108 \text{ lb}$ " $N = 0.1917$ "	n 705
Answer 13-98	Change " $F = 7.71$ N" to " $F = 0.444$ lb"	p. 705
Answer 13-135	Replace 2 lines with: " $v_n = 8.83 \text{ km/s}$ "	p. 706
ISM: Answer 13-97	a_{θ} should be found to be: $a_{\theta} = r\dot{\theta} + 2 \dot{r}\dot{\theta} = 0.8660(0.4) + 2(-1)(2) = -3.6536 \text{ ft/s}^2$	P. 700

	and F should be given by: $F - 0.1917 \sin 30^\circ = (0.75/32.2)(-3.6536)$ F = 0.0108 lb Ans		
ISM: Answer 13-98	a_{θ} should be found to be: $a_{\theta} = r\dot{\theta} + 2 \dot{r}\dot{\theta} = 0.8660(0.4) + 2(-1)(2) = -3.6536 \text{ ft/s}^2$ and F should be given by: $F - 0.2413 \sin 30^\circ \ 0.75 \sin 60^\circ = (0.75/32.2)(-3.6536)$ F = 0.444 lb Ans		
ISM: Answers 13-130/132/133 The expression for period <i>T</i> should begin with " π /h" not " π /6"			
Chapter 14			
Problem 14-54	Add " and the crate is moving at 10 ft/s." after "is 2.5 hp"	p. 198	
Problem 14-106	Change " $k_2 = 45000 \text{ lb/ft}$ " to " $k_2 = 4500 \text{ lb/ft}$ "	p. 216	
Answer 14-13	Change " $N_B = 1.54$ ft/s" to " $N_B = 34.64$ lb"	p. 706	
Chapter 15 Answer 15-141	Change " $a = 0.1$ " to " $a = 0.112$ m/s ² Delete " $F = 3.55$ kN"	p. 710	
Add NEW:			
Answer 15-143	" $a = 37.5 \text{ ft/s}^2$ "	p. 710	
Answer 15-145	"R = m (g $v t + v^2$)" "R = (20t + 2.48) lb"	p. 710	
Chapter 16 Problem 16-108	Change "of link <i>AB</i> " to "of link <i>BC</i> "	p. 362	
Answer 16-35	Change " \mathbf{a}_{D} " to " $\mathbf{a}_{D} = \{-36.0\mathbf{i} + 66.6\mathbf{j} - 40.2\mathbf{k}\} \text{m/s}^2$	p. 712	
Chapter 18 ISM: Answer 18-68	Answer is "85.1 rad/s"		
Chapter 19 Problem 19-41	Change last 2 lines to read: " $\omega_2 = 2 \text{ rad/s}$ " and " $\omega_3 = 2.55 \text{ rad/s}$ "	p. 718	
ISM: Answer 19.41	1st question answer: "2 rad/s" 2nd question answer: "2.55 rad/s"		