

Known Errors in the 5th Edition of Feedback Control of Dynamic Systems

Franklin, Powell and Emami-Naeini

Date	Page	Corrections	
4/3/06	753	pc	pc=[-0.0051;-0.468;-0.279+0.628*j;-0.279-0.628*j;-1.106;-9.89]
5/2/06	713	Figure 9.65	The reference input is : T_r
6/26/06	73	Development of a model based on experimental time-response data is discussed in Section?sec3-8?	Delete this sentence.
10/9/06	177	Equation (4.34)	s is missing in front of $E(s)$ so it should read $sE(s)$.
10/20/06	222	Problem 4.29(a)	$e_{ss} \leq 0.01$ rad/sec.
10/20/06	189	Figure 4.12(a)	Remove subscript t , to read $k_D s$.
1/3/08	177	We let $r(t) = t^k 1(t)$	Change to: We let $r(t) = \frac{t^k}{k!} 1(t)$.
1/3/08	73	Last sentence	Change Section 3.8 to Section 3.9.
1/3/08	150	Problem 3.13	Change simplified to simplified (spelling).
1/3/08	184	Equation (4.53)	Add minus sign ($-$) in front of the right hand side of the equation.
1/3/08	352	Figure 6.31	Figure not to scale. The Nyquist plot needs to start out much closer to the $j\omega$ axis (for $\omega > 0$) and should curve down to cross the real axis.
1/3/08	368	Figure 6.51	Horizontal axis labels: change ωT to ωT_D .
1/3/08	428	Following Figure 6.103	Delete ePIV.
1/3/08	519	$pc = [$	Change to $pe = [$.
1/3/08	717	Following the last sentence	Add : Section 10.6 discusses the modeling and design of a feedback controller for a rapid thermal processing system.
6/16/08	18	Problem 1.3 last sentence	should be: Draw a <i>block diagram</i>
6/16/08	19	Prob. 1.5 and 1.6, "graph"	should be <i>block diagram</i> . Problem 1.7 d, delete "force."
6/16/08	63	Prob. 2.7 Example 2.2,	should read Example 2.1.
6/16/08	73	2nd to last sentence starting with: Development of.....	should be deleted.
6/16/08	124	Example 3.25: (a) should read, for a -1° impulse.....	(the Matlab code says $u = -1$)
6/16/08	224	4.31(b) should have both denominators as $(s + 0.02)$	

6/16/08	260	Matlab code should have axis([-15 5 -8 8])
6/16/08	292	Box in Fig 5.47 should refer to Eqs. 5.114 and 5.113 instead of 5.54 and 5.53.
6/16/08	299	5.10c should change axes to axis.
6/16/08	420	6.24a should be -270 deg.