Last updated December 6, 2004.

Page 9 line 14: read "Laplace transform".

Page 9 line -3: read "(i.e. r(t) = 1, d(t) = 0, $\forall t$)".

Page 11 line 19: read "the fact that r = 1".

Page 11 line 20: delete "-d(t)" from the equation.

Page 14 Figure 1.3: t_r is the time corresponding to the point where the two dashed lines intersect each other.

Page 37 line -6: read "Note that n is positive if s_0 is a zero of f, and n is negative if s_0 is a pole of f".

Page 40 line 7: delete parentheses in "(Bode 1945)".

Page 43 equation (2.35): the signs of the first and third terms to the right of the last equality should be minus.

Page 44 equation (2.37): the factors between brackets should be $\frac{s+p}{s-p}$ and $\frac{s-q}{s+a}$.

Page 54 line 5: read "We choose these names".

Page 65 footnote: read " $\lim_{R\to\infty} R^{-1} \sup_{\theta\in[-\pi/2,\pi/2]} |f(Re^{j\theta})| = 0$ ".

Page 69 line 4: read "the weighted length of such an interval".

Page 78 equation (3.50) should be

$$\Theta_{z_0}(\theta_1) \triangleq \frac{1}{2} \int_{-\theta_1}^{\theta_1} W_{z_0}(\theta) d\theta$$

$$= \arctan\left[\frac{r_0 + 1}{r_0 - 1} \tan \frac{\theta_1 - \theta_0}{2}\right] + \arctan\left[\frac{r_0 + 1}{r_0 - 1} \tan \frac{\theta_1 + \theta_0}{2}\right]$$
(3.50)

Page 79 equation (3.52): all the factors 2 in the exponents should be removed

Page 82 equation (3.59): all the factors 2 in the exponents should be removed.

Page 100 line 12: read "zeros of ρ_k on the RHS".

Page 102 equation (4.30): the exponent of the RHS should be

$$\frac{\Theta_{q}(\omega_{1})}{\pi - \Theta_{q}(\omega_{1})}.$$
 (*)

Page 103 the RHSs of both equations should be 1, not 0.

Page 108 the exponents of the RHSs of equations (4.38) and (4.39) should be (*).

Page 111 equation (4.43): the first factor in the numerator of the entry (1,2) should be (1 - s).

Page 148 the name of Remark 6.3.2 should be "Nonminimum Phase Plant Zeros".

Page 151 the name of Remark 6.4.1 should be "Nonminimum Phase Plant Zeros", and that of Remark 6.4.2 should be "Nonminimum Phase Hold Zeros".

Page 154 $e^{-s\tau_P}$ should be $e^{-s\tau_G}$ on the RHS of the displayed equation in the proof of Theorem 6.4.6.

Page 173 line 13: read "unstable poles shared by G_z and G_y ".

Page 192 line -9: read "By changing the values of k and a_1 in W_1 ".

Page 202 equation (9.10): the exponent of the RHS should be

$$\frac{\Theta_{\mathfrak{p}}(\omega_1)}{\pi - \Theta_{\mathfrak{p}}(\omega_1)} \, .$$

Page 261 line 15: read "and let $W \subset \mathcal{L}_2$ ".

Page 300 last equation: j should multiply the second integral.

Page 301 equation (A.47): the left hand sides should be evaluated at (σ_0, ω_0) .

Page 312 line -6: the argument of the limit for ν should be ∞ (not 0).

Acknowledgement

We are indebted to Jim Freudenberg, who pointed out several of the above typos.