

Design, Analysis and Research Corporation (DARcorporation)
ERRATA: Airplane Flight Dynamics and Automatic Flight Controls Part II

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- page iii, line 3* Topic 3.2.17 Review of Important Sign Conventions should be removed
- page xxv* Description for $M_{\dot{\alpha}}$: ‘Pich’ should be ‘Pitch’.
- Page 627, Figure 8.1* Elevator should replace ekelevator
- page 637, Figure 8.8* $X_1(s)$ should be $X_1(t)$.
- page 649, Top of page* $\sqrt{21.25}$ should be $\sqrt{1.25}$
- page 651, Figure 8.22* On the left side of the figure $\left(\frac{s+100}{100}\right)$ should be $\left(\frac{100}{s+100}\right)$
- page 653, Eqn. 8.82* $(s + 20)$ should be $(s + 2)$.
- page 660, Fig 8.32* The label for the point right above the horizontal axis should be ‘ $e^{+0.2\pi/2} = 1.37$ ’.
- page 681, Fig 8.46* The vertical dash line intersects the frequency axis at 2.7 rad/sec, not 1.7 rad/sec.
- page 707, Equation (9.64)* Remove the first negative sign in the numerator
- page 711, Defn. 2* Change 0 db to -180 db
- page 717, Table 9.2* In row #8 under the Pole-Zero Plot column, change -1/K to -K.
- page 759, Problem 9.5* The corresponding block diagram is shown in Figure 9.36, not Figure 9.35.
- page 760, Problem 9.12* Remove the ‘ (s^2) ’ in the denominator.
- page 763, Fifth paragraph* Remove the ‘(’ before the word “sensed”.
- page 782, Eqn (11.4)* Should be
$$\frac{sN_{\psi}}{\overline{D}_2} = \frac{s\{-1133(s+0.731)(s^2 - 0.238s + 0.199)\}}{675s\{(s+0.500)(s+0.001)(s^2 + 0.131s + 2.85)\}}$$
- page 830, Fig 11.56* Add a transfer function $\frac{1}{s}$ between the first and second feed back loop; the output of the control system is ‘ θ ’ instead of ‘ $\dot{\theta}$ ’.

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