In conclusion, we stand by our development of the equations of motion, and therefore no changes or corrections to Ref. 1 are warranted at this time.

References

[1]Bilimoria, K. D., and Schmidt, D. K., "Integrated Development of the Equations of Motion for Elastic Hypersonic Flight Vehicles," *Journal of Guidance, Control, and Dynamics*, Vol. 18, No. 1, 1995, pp. 73–81.

[2]Meriam, J. L., *Statics and Dynamics*, Wiley, New York, 1966, pp. 315–321.

[3]Bertin, J. J., and Smith, M. L., *Aerodynamics for Engineers*, Prentice–Hall, Englewood Cliffs, NJ, 1989.

Errata

Feedback Design for Unstable Plants with Saturating Nonlinearities: Single-Input, Single-Output

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EQUATIONS (17–21) should be corrected as follows:

Equation (17) should read

$$d_n(t) = y(t) - y_L(t)$$

The first and third of Eqs. (18) should read

$$E(s) = -\frac{D_n(s)[1 + L_n(s)]L(s)}{s^n G(s)[1 + L(s)]} + \frac{R(s)}{1 + L(s)}$$

$$e_{ss}(t) = \lim_{s \to 0}\left[-\frac{D_n(s)[1 + L_n(s)]L(s)}{s^{n-1} G(s)[1 + L(s)]} + \frac{sR(s)}{1 + L(s)}\right]$$

The first of Eqs. (19) should read

$$q^{sE}|_{1^{\text{st}}\text{ term}} = [q^{D_n} + n - 1 + q^P]$$

The first of Eqs. (20) should read

$$-q^{D_n} > n - 1 + q^P$$

The statement following Eqs. (20) should read as follows:

If $q^{L_n} > n - 1 + q^P$, then a necessary and sufficient condition for the signal D_n in the stable system of Fig. 4 to produce zero steady-state error is $q^{D_n} \leq -q^{L_n}$. Taking the conservative $q^{D_n} = -q^{L_n}$, Eqs. (20) become

$$q^{L_n} > n - 1 + q^P \tag{21a}$$

$$q^L > q^R - 1 \tag{21b}$$