

References

- ¹Likins, P.W., "Attitude Stability Criteria for Dual-Spin Spacecraft," *Journal of Spacecraft and Rockets*, Vol. 4, April 1967, pp. 1638-1643.
- ²Mingori, D.L., "Effects of Energy Dissipation on the Attitude Stability of Dual-Spin Satellites," *AIAA Journal*, Vol. 7, Jan. 1969, pp. 20-26.
- ³Pringle, R., Jr., "Stability of the Force-Free Motions of a Dual-Spin Spacecraft," *AIAA Journal*, Vol. 7, June 1969, pp. 1054-1063.
- ⁴Gale, A.H. and Likins, P.W., "Influence of Flexible Appendages on Dual-Spin Spacecraft Dynamics and Control," *Journal of Spacecraft and Rockets*, Vol. 7, Sept. 1970, pp. 1049-1056.
- ⁵Meirovitch, L., "A New Method of Solution of the Eigenvalue Problem for Gyroscopic Systems," *AIAA Journal*, Vol. 12, Oct. 1974, pp. 1337-1342.
- ⁶Meirovitch, L., "A New Modal Method for the Response of Structures Rotating in Space," presented as paper 74-002 at the 25th International Aeronautical Congress of the I.A.F., Amsterdam, The Netherlands, Sept. 30-Oct. 5, 1974, to be published in *Acta Astronautica*.
- ⁷Meirovitch, L., "On the Reduction of the Eigenvalue Problem for Spinning Axisymmetric Structures," AIAA Paper 75-159, Pasadena, Calif., Jan. 1975, to be published in *AIAA Journal*.

Errata

Large Space Telescope Oscillations Induced by CMG Friction

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IN the article, the captions for Figs. 2 and 4 are reversed.

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Index categories: Spacecraft Attitude Dynamics and Control; Navigation, Control, and Guidance Theory.

Low Reynolds Number Effect on Hypersonic Lifting Body Turbulent Boundary Layers

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IN the Nomenclature, the following changes should be made:

ℓ = mixing length

y_ℓ = characteristic thickness of boundary layer

Equations (1-3) and (5) should read:

$$\ell = ky D, \text{ for } 0 < y \leq \lambda y_\ell / k \quad (1)$$

$$\ell = \lambda y_\ell, \text{ for } \lambda y_\ell / k < y \quad (2)$$

$$\ell = \mathcal{L} \lambda y_\ell, \text{ for } \mathcal{L} \lambda y_\ell / k < y \quad (3)$$

$$\delta_w^+ = (\rho_w V_{\tau, w} y_\ell) / \mu_w \quad (5)$$

The symbol y_ℓ for the characteristic thickness of the boundary layer should be changed to y_ℓ in the first two paragraphs of the Analysis section.

Reference 6 should read:

⁶McDonald, H., "Mixing Length and Kinematic Eddy Viscosity in a Low Reynolds Number Boundary Layer," Rept. J214453-1, Sept. 1970, Research Lab., United Aircraft Corp., East Hartford, Conn.

Received July 7, 1975.

Index categories: Boundary Layers and Convective Heat Transfer—Turbulent; Supersonic and Hypersonic Flow.