Errata

Drag Coefficients for Astronomical Observatory Satellites

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IN the nomenclature list "$\mathcal{L}_1$, $\mathcal{L}_2$, $\mathcal{L}_3$" should read "ℓ_1, ℓ_2, ℓ_3." The paragraph above Eq. (1) should read "$0<\alpha<180°$." Equation 6 should read

$$<C_D> = b_o + 1/2\ b_2(\cos^2\beta\sin^2\nu + \cos^2\nu)$$

$$+ 3/8 b_4(\cos^2\beta\sin^2\nu + \cos^2\nu)^2 + 5/16 b_6(\cos^2\beta\sin^2\nu + \cos^2\nu)^3$$

The first several lines immediately after Eq. (9) should read as follows: "where ℓ_1, ℓ_2, ℓ_3 are direction cosines of the south galactic pole, expressed in earth equatorial coordinates. The corresponding geometry is shown in Fig. 5."

The last sentence on p. 76 should read as follows: "These results are a measure of the long-term orbit decay rate. Average $<C_D>$ decreases at higher inclination, similar to the result found in Ref. 1 for planar oriented solar arrays."

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Linear Filtering of Ballistic-Entry Probe Data for Atmospheric Reconstruction

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THE following corrections (those that are important from the standpoint of technical accuracy) should be made in the above article:

1) The subscript "*is*" in Eq.(9) should read "*ts*."

2) The section heading "**DSN Tracking**" should precede the last paragraph of Col. 2 on p. 68.

3) In the first paragraph under the section heading "**Kalman-Schmidt Filter,**" the letter "*c*" in the statement $\mathbf{X}^A = (h, V, \gamma, c, p_{bp}, \mu_{bp})^T$ should be ϕ.

4) In the second paragraph under that section heading, $\tilde{\mathbf{T}}^A$ should read $\tilde{\mathbf{X}}^A$.

5) On the bottom line of Col. 2 of p. 71, the symbol $\tilde{p}$ should be $\tilde{\rho}$.

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