Technical Note Errata Erratorum: The Nature of the Quaternion

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The errata published earlier [1], unfortunately, contained errors. We repeat the original errata below as it should have appeared.

The article in question was published in *The Journal of the Astronautical Sciences*, Vol. 56, No. 3, July–September 2008, pp. 359–373. It contains two errata on page 365.

Erratum No. 1: Equations (13) through (15) should read

$${}^{\varepsilon}\hat{\mathbf{e}}'_i = \sum_{j=1}^3 A_{ij}^{\varepsilon'/\varepsilon} {}^{\varepsilon}\hat{\mathbf{e}}_j \quad i = 1, 2, 3 \quad (13)$$

$${}^{\varepsilon'}\hat{\mathbf{e}}_i = A^{\varepsilon'/\varepsilon} {}^{\varepsilon}\hat{\mathbf{e}}_i \quad i = 1, 2, 3 \quad (14)$$

$${}^{\varepsilon'}\hat{\mathbf{e}}'_i = {}^{\varepsilon}\hat{\mathbf{e}}_i \quad i = 1, 2, 3 \quad (15)$$

Erratum No. 2: In the first sentence of the paragraph that follows equation (15) replace “From equation (9) with $\mathbf{a}$ replaced by $\hat{\mathbf{e}}_k$ and $\mathbf{b}$ replaced by $\hat{\mathbf{e}}_k$ ” with “From equation (9) with $\mathbf{a}$ replaced by $\hat{\mathbf{e}}_k$ and $\mathbf{b}$ replaced by $\hat{\mathbf{e}}'_k$.”

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References

- [1] SHUSTER, M.D. “Technical Note, Errata: The Nature of the Quaternion,” *The Journal of the Astronautical Sciences*, Vol. 56, No. 4, Oct.–Dec. 2008, p. 621.

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