

Errata List and New Additions for the AIAA Education Series Text Book
ANALYTICAL MECHANICS OF SPACE SYSTEMS
5th Edition

authored by H. Schaub & J. L. Junkins

Last updated on April 28, 2026

This file contains various typos that were found in the 5th edition of the text book. Please use these pages to update your book copy. Where possible, the changes are highlighted in red. If you find typos that are not listed here, please contact the author at

hanspeter.schaub@colorado.edu

and email the typo type, as well as the typo location within the manuscript. A revision history is provided at the end of the document.

- p. 719, 2nd paragraph after figure Should read:
... the analytical solution given in Eq. (12.259**b**) could be used.
- p. 806, Eq. (14.47) Change A_1 and B_1 to read A_0 and B_0 :
- p. 834, Eq. (14.154b) In the numerator add brackets before the e parameter:

$$f_y = \tan^{-1} \left(\frac{e \left(\frac{\delta M}{\eta} - \delta\omega - \cos i \delta\Omega \right)}{-2\delta e} \right)$$