Errata in Orbital Mechanics 2nd edition by Prussing & Conway

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p.6  In Eq. (1.15) the denominator should be a scalar rij.

p.17  In Figure 1.6 (b) the aiming radius Δ should extend all the way to and intersect with the asymptote.

p.22  In Problem 1.15 (c) "Sec. 5.6" should be "Sec. 6.6".

p.23  In Problem 1.17 (c) Tsat should be Tsat.

p.27  In first line of Eq. (2.3) delete the leading minus sign.

p.35  The first two equations on the page define ro and vo. Subsequent to that they are mislabeled r̂o and v̂o.

p.37  The symbol σo should not be bold-faced, it is a scalar.

p.44  In Problem 2.15 after the equation the symbol σo should not be bold-faced, it is a scalar.

p.54  In the eighth line of Example 3.1 replace "Example 2.1" by "Example 2.2".

p.56-57  In Figs. 3.7, 3.8, 3.9 symbol hv/µ should be hv/µ (scalar h) to correspond to the LHS of Eq. (3.15).

p.56  In Fig. 3.7 the velocity vector hv/µ should extend from the origin of the u_e, u_ne coordinate frame to the unit circle.

p.59  Problem 3.11 should begin with the phrase "For a parabolic orbit"

p.76  In Table 4.1 the "x dot" value for Body 3 should have a + sign, not a – sign.

p.139  4th line should read "...off the surface of the earth or off any other large celestial body."

p.142  Delete factor of \(\frac{1}{2}\) in Eq. (8.5). Should be the same as Eq. (8.5) on p. 140.

p.146  Equation (8.34) is called Edelbaum’s equation, based on his analysis in Ref. 8.4.

p.147  In Eq. (8.40) ar should be Γ_r.

p.151  In the last sentence of Section 8.7 "Eq. (25)" should be "Eq. (8.58)".

p.182  The second word in the title of Section 10.3 should be "HILL".

p.256  The vector symbol R after Eq. (14.3) and in Eqs. (14.5) and (14.6) should be the scalar R.

p.258  In Eq. (14.12) the first term after the equal sign should be \(2\hat{R}\hat{L}\).