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 r_{ij}.

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) T_{sar} should be T_{sat}.

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

p.35 The first two equations on the page define $\mathbf{r}_o$ and $\mathbf{v}_o$.
Subsequent to that they are mislabeled $\bar{r}_o$ and $\bar{v}_o$.

p.37 The symbol $\boldsymbol{\sigma}_o$ should not be bold-faced, it is a scalar.

p.44 In Problem 2.15 after the equation the symbol $\boldsymbol{\sigma}_o$ 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 $\mathbf{h}\mathbf{v}/\mu$ should be $h\mathbf{v}/\mu$ (scalar h) to correspond to the LHS of Eq. (3.15).

p.56 In Fig. 3.7 the velocity vector $h\mathbf{v}/\mu$ should extend from the origin of the $\mathbf{u}_e, \mathbf{u}_{ne}$ 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.116 Denominator of Eq. (6.58) should be $\varepsilon_3 m_3 + m_L$.
Following Eq. (6.60) the value of m_0 should be 22,433.

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) a_r 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 $\mathbf{R}$ 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 $2\dot{R}\hat{\dot{\mathbf{L}}}$