

The Space Environment - Implications for Spacecraft Design

ERRATA

Page 9, second line from the top

The value of M should be 8×10^{15} Tesla m^3 or 8×10^{25} gauss cm^3 .

Page 43, Table 2.6

Class limits should be: 0.1 μm , 0.2 μm , 0.3 μm , **0.5 μm** , **5.0 μm**

Page 50, Figure 2.17

Caption should read "BRDF versus surface cleanliness for **10.6 μm** wavelength"

Page 81, Example 3.2

Value of F should be **0.084 N**

Page 94, Problem 1

Line 3 should read:

For any values of v_i and v_j it is possible to define a rotation to a new set of coordinates, α and β , where $v_\alpha^2 = v_i^2 + v_j^2$ and $v_\beta^2 = 0$.

Equation d should read:

$$dn = 4\pi n f(v) f^2(0) dv$$

Page 162, Problem 2

Frequency should be **2.41×10^{20} Hz**

Page 163, Problem 3

Shielding values should be **0.01, 0.1, and 1.0 g/cm²**.