Errata: Antennas and Radar for Environmental Scientists and Engineers, Cambridge Univ. Press, 2018.

1. On page 4 in the introduction, the reference to Appendix A should come at the start of the second-to-last paragraph where it would make more sense.

2. Section 2.3.4 mistakenly states that the highest directivity that can be achieved with a dipole antenna is approximately $D = 2$ for a wire with a length $L \approx 1.22\lambda$. The correct value is approximately $D = 3.3$. This can be found readily by reworking homework problem 2.7.

3. The element factors $f(\theta, \phi)$ contain the direction of the associated electric fields on page 71 and so should be in bold. In the limit under consideration here, the electric fields from different elements are mutually parallel and so add as scalars.

4. Section 5.4 has some misplaced complex conjugate symbols ($*$). Specifically, equation 5.10 should read

$$\left| \int_a^b f^*(x)g(x)\, dx \right|^2 \leq \int_a^b |f(x)|^2\, dx \int_a^b |g(x)|^2\, dx,$$

and the next sentence should begin "Identifying $f^* = F^*$ ..."

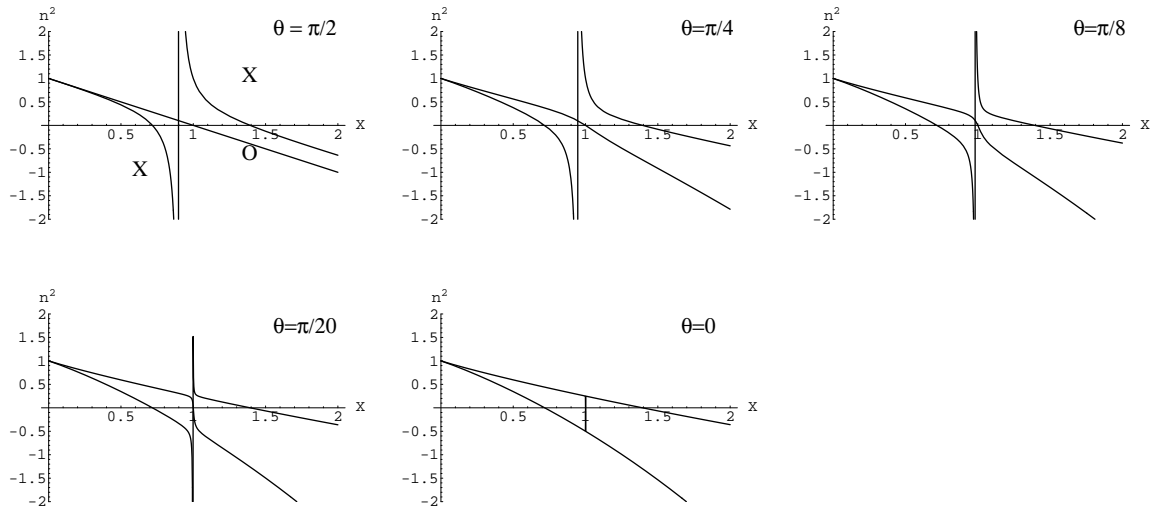5. Fig. 9.5 is missing some annotations. The figure should appear this way:

Figure 9.5: ...

6. In section 12.3 in the discusion of WD processing, some formulas on pp. 339 and 340 have k_z terms which should instead be k_x. (There is no z component in this formulation.)