

Errata:

IA page 5, Figure 1.3(a)

The symbol beside *both* O atoms should be $2\delta^-$ (i.e., a minus sign not a plus sign)

IA page 53

5 lines from foot of page: “that others.” should read “than others.”

IA page 206, in the first line after Question 6.2: “21.6” should read “22.0”

IA page 175, 5th line from the end “lightening” should read “lightning”

IA page 247, question 7.6. This question relates to the version of Fig 7.6 from the previous edition of the book. It is no longer applicable, and should be omitted.

IA page 319, last line of the answer to Question 6.2: “ $-2.5 \log_{10} 1.68 \times 10^{-9}$ ” should be “ $-2.5 \log_{10} 1.63 \times 10^{-9}$ ”
and the answer “21.9” should be “22.0”

IA page 243, first line of Section 7.2.4, delete $\sin i_0$ within the brackets.

IA page 330, line 7 after $\Delta\lambda/\lambda = v_r/c$ insert “hence $\Delta\lambda = (v_r \times \lambda) / c$ ”

IA page 330, part (c), insert a minus sign before the answer, which should read:
 $-1.11 \times 10^{-3} \text{ m}$

IA page 244, Fig. 7.6. The last label on the horizontal axis should read 100 (or 10^2), not 20.

IA page 249, Fig. 7.10. The 3rd label on the horizontal axis should read 1.0, not 10.0.

IA page 330 (answer to Question 9.5)

In the answers to parts (b) and (c), the expression $\Delta\lambda / \lambda = v_r / c =$

should read: $\Delta\lambda = v_r \lambda / c =$

IA page 343 (glossary entry for hydrazine) formula should read N_2H_4