Unit 1 errata

Whilst every effort was made to correct errors before the book was published some errors were not corrected. These were not spotted by our two reviewers and a proof reading or if they were, their correction was unintentionally overlooked. These errors were will corrected in the next edition of the textbook. Our apologies if these errors caused confusion.

Not an error as such but in hindsight the simpler form of notation could have been used for the length or magnitude of a vector, i.e. |u| instead of ||u||

Page 330 Order of growth section, 3rd paragraph in this section: n0 has been omitted from (n ≥ n0 where n0 is a constant)

Page 159 Questions, question 5 should be question 6.

Page 188 Last sentence, second paragraph reads “Contrast this with the example in Figure 1.2.3.22 in which an engine is a part of a car, and an engine is a part on a parts list for a car.” The reference Figure 1.2.3.22 is invalid because this figure shows a different scenario. An engine object has a fixed whole/part relationship with the car object and so is an example of composition. An engine object has a variable whole/part relationship with a parts list object and so is an example of aggregation.

Page 188 Figure 1.2.3.23 legend should read “Class diagram demonstrating association.

Page 286 Table 2.6.1.3 entry for Sarah White ULN should be 24567813.

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Figure 3.6.1.8: In the algorithm D[v] ← Minimum(D[v], D[w] + A[w, v]) needs to be after w If D[w] + A[w,v] < D[v] Then P[v] ← w

Figure 3.6.1.9: In the algorithm D[v] ← Minimum(D[v], D[w] + A[w, v]) needs to be after w If D[w] + A[w,v] < D[v] Then P[v] ← w