Donald Sannella, Michael Fourman, Haoran Peng and Philip Wadler Introduction to Computation: Haskell, Logic and Automata Undergraduate Topics in Computer Science, Springer (2021) Print ISBN: 978-3-030-76907-9 Electronic ISBN: 978-3-030-76908-6

Errata, as of 10 Oct 2024

In the following, "line *x*" refers to the x^{th} line from the top of the page indicated, including section titles etc. but excluding the page header, and "line -*x*" refers to the x^{th} line from the *bottom* of the page.

- Page 8, line 6: Change "Weekdays" to "Days of the week", because "weekdays" normally refers to working days, excluding weekends. Then change all occurrences of "Weekday" to "DayOfTheWeek". (There are 13 occurrences: on page 8, line 16; page 10, lines -6 and -4; page 11, line -13; page 57, lines 8, 11, 12, 16, 21, 25, 26 and 34; and page 133, line 6.)
- Page 66, line -3: Change "**contra-positive**" to "**contrapositive**". (The hyphenation point is accurate but when the word is not split it is normally not hyphenated.)
- Pages 96 and 152 (Structural induction on lists): A margin note should have been included on page 96 to stress that structural induction only proves that a property holds for all *finite* lists. It proves nothing about infinite lists, for which other proof methods are required; see the penultimate margin note on page 82 and https://en.wikipedia.org/wiki/Coinduction for pointers to more information. The same applies to structural induction on Exp (page 153) and other algebraic data types (page 154). (Thanks to Robert Harper for reminding us of the need to highlight this point.)
- Page 190, first margin note: API stands for "application programming interface".
- Page 276, line -7: Change "There is no set of strictly positive numbers that sum up to 0" to "The empty list of strictly positive numbers is the only one that adds up to 0".
- In the EPUB version of the book, the margin notes are typeset in boxes in the main text, and usually appear earlier than the text to which they refer. Here is a list of some of the places where the lack of alignment is most likely to be a problem for the reader:
 - Preface, Topics and Approach: the note refers to the bullet point on Finite Automata.
 - Chapter 1, Sets, Set Membership and Set Equality: the note on different sizes of infinity refers to the definition of cardinality |A|.
 - Chapter 1, Exercises: the note on De Morgan's laws refers to Exercise 7, and the note on Bertrand Russell refers to Exercise 9.
 - Chapter 2, Defining New Types: the note about defining a relation via its characteristic function refers to type Relation a = a -> a -> Bool.

- Chapter 3, Function Definitions: "This function is already supplied in Haskell" refers to even.
- Chapter 3, Dependencies and Scope: the note beginning "Notice that the order of definitions doesn't matter!" refers to the discussion of scope in the last paragraph of the section.
- Chapter 3, Exercises: the note about the type Integer refers to Exercise 6.
- Chapter 4, Logical Connectives: the note about exclusive or refers to the sentence about ∨ being *inclusive* disjunction.
- Chapter 5, Exercises: the note about (Float, Float) refers to Exercise 2, and the note about 0 refers to Exercise 5.