

Ben Coppin's Errata for *ARTIFICIAL INTELLIGENCE ILLUMINATED*

Page 14, bottom of page:

Reference to "brackets" should say "parentheses".

The list [A B C] should be (A B C)

Page 40 (section 3.5.9), last paragraph:

FPOL should be FOPL

Page 85, table 4.2: title of table should read "Analysis of depth-first search of tree shown in figure 4.4", not figure 4.5.

Page 91, last line (section 4.12.1):

"less than or equal to" should be "Greater than or equal to"

Page 92, first line:

"<" should be ">".

Page 97, figure 4.7 and the discussion below are missing the path A, C, E, D, F, and thus the word "seven" should be "eight" in all three occurrences on that page, and "nine" should be "10". Figure 4.7 should have the additional path added in.

Page 98, penultimate paragraph of 4.12:

"the shortest path is path 5, A, C, E, F which has a length of 17" should read "the shortest is path 7, A, C, B, D, F, which has a length of 14"

Page 99, Figure 4.8 has a mistake for the nodes A and C. 25 and 20 are not consistent with the numbers in figure 4.6.

Page 104, table 4.5, both references to "Figure 4.4" should say "Figure 4.7".

Page 108 (section 4.16.1):

fourth paragraph from the bottom of the page, first line of the paragraph:

"search tree shown in Figure 4.4" should be "map shown in figure 4.8".

Page 185, second paragraph: instead of "brackets", it should read "parentheses".

Page 285, "(Edelman 1987)" should say "(Edelman 1990)".

Page 303, 3rd paragraph, after the mathematical formulae:

" $x_{(sub)i}$ is the input value for input node I;" should be " $x_{(sub)i}$ is the input value for input node i".

" $y_{(sub)j}$ is the output value produced node j" should be " $Y_{(sub)j}$ is the output value produced node j".

Top of page 330, last sentence of 12.2:

"overcast" should be "rainy".

page 330 chapter 12 Section 12.3 end of Third Paragraph:

" $1 - P(A \vee B) = 1 - 0.17 = 0.83.$ "

Should read:

" $1 - P(A \vee B) = 1 - 0.83 = 0.17$."

Page 379, equations in the middle of the page:

"0.96" should read "1.44"

Page 380:

"7. (4, 2, *, 6, 2) -> A2, 8.4"

should read:

"7. (4, 2, *, 6, 2) -> A2, 8.34"

and

" $(3/5)*9.1 + (2/5)*7.2 = 8.4$ "

should read:

" $(3/5)*9.1 + (2/5)*7.2 = 8.34$ "

Page 383, 13.16 Further Reading: "Dawkins (1991)" should be "Dawkins (1996)".

Page 406, very end of 14.10, "(Goldberg 1989)" should read "(Goldber 1989a)" and on page 703, in the Bibliography, the final reference should say "1989a" instead of "1989".

Page 408, paragraph (approximately) 4:

"The last three chromosomes represent ..." should be "The last three bits represent ..."

Page 585, last paragraph: "... first three words of each sentence are the same." should be "... first four words of each sentence are the same."

Page 586, paragraph 2, "two children" should say "the cat".

Page 606, last paragraph, second sentence:

"The cone cells are mainly situated in the center of the retina, whereas the cones are mainly situated around the edges"

should read:

"The cone cells are mainly situated in the center of the retina, whereas the rod cells are mainly situated around the edges"