David C. Vella                                    Last updated: 6/11/2021

Page 6, sentence immediately following Example 1.2 should say "…the only irrelevant bits of information are the names of the laboratory and of the chemist – the rest…"

Page 15, bottom of page: add sentence "It's helpful to imagine that we are rotating, or *pivoting*, the lines in the system about the fixed solution point."

Page 61, the last example before exercises in Section 1.6.3 is factored incorrectly in the last line, so that the saddle point is located at $(h,k,l) = (-4, 1.5, 5)$, not $(-4,6,5)$.

Page 110, Chapter 3, section 3.1, exercise 3.  First Equation has typo – it should be "$2y$" not "27".

Page 111, Chapter 3, section 3.1, exercise 8.  First Equation has typo – it should be "$2y$" not "27".

Page 114, Chapter 3, exercise 19. Missing phrase in penultimate sentence: insert "from the Engineering firm Smith, Mortimore, & Weathers" immediately after 'outside consultant'.

> (NOTE: This adjustment must be made in all subsequent instances where this problem is repeated in the text.  Thus, see also Exercise 14 on page 210, and Exercise 4 on page 451)

Page 163, the second sentence in the new paragraph should say "For example, in the maximization problem with mixed constraints on page 160, we have"

Page 169, line 6 from the top, should read "from the available 28" not "form…."

Page 195, in the parenthetical comment at the end of step 3c of the algorithm, it should say "…replace the $c_i$ with a 0 in the pivot column."

Page 199, 7th line up from the bottom – delete the word 'usually'.

Page 211, Problems 18 and 19.  The reference in both cases should be to Section 3.5 (not Section 3.4)

Page 211-212:  Problem 21b – should say "decision" space, not resource space, and Problem 22b – should say "decision" space, not constraint space.

Page 232, last line should say "Set Objective" not "Ste Objective".

Page 279, Problem 7 should say "Mick and Keith are playing Rock Paper Scissors, and Mick…"

Page 297, Problem 11 – matrix is miscopied from problem 3.  Should be -2,5 in first row and 4,-1 in second.

Page 335, in the fourth line of the second paragraph in section 7.4.1, "row players" should be singular.

Page 338, Proposition 7.7 – the word "equilibrium" is misspelled

Page 341, the last sentence in the third complete paragraph from the bottom of the page contains a parenthetical clause at the end, in which the word "equilibrium" is misspelled.

Page 348, Exercise 7 in section 7.4.  Refers back to an example in section "6.4.2" – it should be "7.4.2"

Page 353, right after the first sentence on the page, Insert the cross reference "See Exercise 7.15 in section 7.4 for an example of this type of analysis."

Page 358, First (complete) sentence on page – replace "contingent on his first" with "contingent on Enrico's choice".

Page 373, last paragraph of section 8.2 – right after the displayed matrix – replace "in the (1,1) position,…" with "in the $a_{11}$ position".

Page 381, 7th line down – "…evaluations or their course,…" should be "…evaluations for their course,…"

Page 390, caption of Fig. 8.7 – should say "starting position" not "staring position"

Page 394, paragraph 3 contains several spelling errors/typos:

- Third sentence and again in the fifth sentence: "aggressive" is misspelled
- Third sentence: "acquiesce" is misspelled

Page 396, second sentence of the second paragraph – should say "…items 1 and 2 of the terminal…", not "..1 an 2.."

Page 404, second sentence – replace "…her actions…." with "..their actions.."

Page 409, Exercise 5, sentence at the end of the first paragraph – if all three companies join forces, the monthly profit would be $30,000." (not $3,000!)

Page 441, fourth sentence in section 9.3 –should say "Section 9.3.4 considers…" (not "9.3.1")

Page 466, 6 lines up from the Exercises – the stable ranges should  have round brackets (parentheses) on the infinite endpoints, not square brackets.  (Note the square bracket on the endpoint with "r" is correct.)

Page 467, Exercise 9, part a – airport contracts are missing.  It should read ""…determine the stable range for the profit generated by an airport contract, for the profit generated by a museum contract, and for the profit generated by a theater contract."

Page 468, Example 9.11 – the name of the appliance store should be "Dryer States" not 'Dyer States'.

Page 482, Definition A.1.a – Delete the stray 'underscore' line at the end of the sentence.

Page 487, Exercise 1.e. – the first "C" should be "B".

Page 488, Exercise 6 – should say "A = {1,2,3,4}.' (not "(1,2,3,4}")

Page 488, Exercise 8. b. -  Should say the sets in exercise "7c" not "6"

Page 494, Exercise 2. – Should say "Proposition A.13" not A.15

Page 497, fourth line after Definition A.27 – Insert "a" between "of" and "home"

Page 501, Exercise 8 - should say "events" not "evens"

Page 505, Exercise 5 – The hint should say "Example A.37" not example A.12

Page 513, In the mathematical expression for p(E), in the third summand on the right side, the "3" should be a subscript

Page 515, Example A.50, first sentence – should say "…detect the disease of Manic Depression."

Page 516, first sentence of last complete paragraph on page  - delete the space in "th is"