

This document contains errata for the first printing of *An Introduction to Linear Programming and Game Theory, Third Edition*, by Paul R. Thie and G. E. Keough, published by John Wiley and Sons, Inc., in July, 2008 (ISBN: 978-0-470-23286-6).

This file was last updated on **May 29, 2009**, and is maintained by G. E. Keough, [keough@bc.edu](mailto:keough@bc.edu), who would greatly appreciate any reports of inaccuracies in the text.

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Items are listed in order by page number for the first printing.

- 12 first paragraph, last line: “21 [not 2] lb of Feed 2.”
- 74 paragraph 3, first line: “what basic variable,  $x_2$  [not  $x_1$ ] or  $x_3$ ”
- 74 paragraph 3, line 6: “Solving for  $x_3$  and  $x_2$  [not  $x_1$ ] gives”
- 138 section 4.4, second paragraph, line 3: “ $A^tY \geq c$ ” [not  $AY \geq c$ ]
- 138 Theorem 4.4.1, line 3: “ $A^tY \geq c$ ” [not  $AY \geq c$ ]
- 177 fourth line prior to “Note how effective these formulas . . .” paragraph: “ $c - c_B B^{-1}A =$ ” [not  $c - c_B B^{-1}b$ ]
- 221 Figure 6.2 should read “ $2x_1 + 9x_2 = 18$ ” [not  $2x_1 + 2x_2 = 18$ ]
- 266 9 lines before the bottom of the page: “Maximize [not Minimize]  $30u_1 + 50u_2 \dots$ ”
- 329 end of first paragraph: “College 4 in category E.” [not category C]
- 352 Definition 9.3.3, line 2, should read “ $= a_{hk} = \dots$ ,” not  $= a_{hj} = \dots$
- 355 Example 9.4.1, second paragraph, first line: “an expected payoff of at least  $3/2$  because . . .” [insert “at least”]
- 403 Problem 2. This asks for a proof of a statement that is exactly what was proved in Lemma 10.3.1. We apologize if the reader is confused by the request to reproduce a proof that is already part of the text.  
Beginning in Printing #2, this problem will be replaced as follows:  
Show that the following game has a unique strategy pair in equilibrium.

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	$t_1$	$t_2$
$s_1$	(2, 1)	(6, 7)
$s_2$	(8, 3)	(4, 5)

403 Problem 6. The hint should be: “Lemma 10.3.1.”

409 Example 10.5.1, line 3: “ $(u - 10/11)(v - 10/11)$ ” [not  $uv$ ]

409 Example 10.5.1, lines 4 and 5: “ $F[M, (10/11, 10/11)]$ ” [not  $F[M, (0, 0)]$ ]