Typos in: Linear Programming with Matlab

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page 51, Theorem 3.2.2 first line should read: Suppose that $\bar{x}$ is a vertex of S with corresponding index set N, where $\bar{x}_{n+i} = A_i.\bar{x} - b_i$, $i = 1, 2, \ldots, m$.

page 58, line -8 $(3, 5, 0, 0.5)$ should read $(0, 1.5, 2.5)$

page 73, line 1 "diary" should read "dairy"

page 108, eq (4.15) dual variable should be w_l

page 112, line 17 Instead of "a given feasible LP is unbounded below," it should say "a given feasible LP is unbounded below for all $M > 0$,"

page 122, line -8 point should be $(12 - 4\lambda, 0, 10 - 2.5\lambda, \lambda)'$

page 133, line -16 add line `[L,U] = lu(A(:,B));` before calculation of `u`.

page 137, line -7 remove first semicolon so reads `A = [A [-d; 0]];`

page 138, line 9 should read `F = [1]; f = length(F);`

page 141, line 16 the line `s = 1;` should come before line 14.

page 167, lines 13-20 Although this paragraph is OK as is, it would be better to replace it with the following paragraph. (I have copied the latex source from the original files. Note that the equation label in latex is the same in this revision as in the original file, and there are references to other equations that do not resolve properly in this file but will resolve when plugged into the latex production files.)

In Step 1, it is possible to find a value of t for which the problem (**??**) is feasible by means of a Phase I problem, rather than trial and error. We solve the following problem:

$$\min_{x,t} 0 \ \text{ subject to } \ Ax - th \geq b, \ \ x \geq 0. \tag{1}$$

Note that the parameter t is a *free variable* in this problem and that the objective is uniformly zero. We can solve this problem by doing one step of Scheme II, to move the free variable t to the side of the tableau, then proceeding with dual simplex pivots. If dual simplex terminates at an optimum, the optimal value of t will serve as the starting value in Step 1. If, on the other hand, dual simplex reveals infeasibility of the problem (1), we can conclude that the original problem (**??**) is infeasible for all t.

page 185, first line of the first tableau. There is a number -3.571 in the first row, last column of the tableau that should be 3.571. That is, the "$-$" sign needs to be removed.