

Errata: Introduction to Applied Optimization

- Page 25, Figure 2.7 should have a iso-profit line at $z = -1$ and optimum lying on that line at the intersection of this line $x_2 = 5$.
- Page 26, first two lines after table 2.14 should be replaced by the following lines
on the same constraint changing the optimal objective function value from -5 to -1.
- Page 87 , 3 Either-or constraints: should be replaced by the following lines.
- Either constraint $g_1(x) \geq 0$ or constraint $g_2(x) \geq 0$ must hold:
- Page 126, last two lines should be replaced by the following lines.
Table 5.3 shows the optimal decision variable for each day with daily average minimum cost equal to -6.57.
- Page 129, Table 5.3 for day Thursday, the cost is -8 instead of 9, and for day Friday, the cost is -8 instead of -10. Total minimum cost is -46 and average minimum cost is -6.57.
- Page 131, last paragraph, the value of $EVPI$ should be $\$6.57 - \$6.57 = 0$ instead of $\$7.00 - \$6.57 = 0$
- Page 224, Equation (7.45) should be replaced by following.

$$\frac{dz_i}{dt} = - \sum_{j=1}^{nx} z_j \frac{\partial f_j}{\partial x_i}$$



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