

Resolving Conflicts with Mathematica: Errata

Pages 28, Definition 1.4.15, 114 middle, 129, Exercise 1(a):

“union of half-spaces” should read “intersection of half spaces”

Page 100, Equation (3.3.22):

$$\begin{aligned}X^\top 1_m &= Y^\top 1_n = 1/v \\A_P^\top X &\geq 1_n \\A_P Y &\leq 1_m\end{aligned}$$

Page 101, first equation:

$$\begin{aligned}X^\top A_P 1_n &\rightarrow \max \\X^\top 1_m &= Y^\top 1_n \\A_P^\top X &\geq 1_n \\A_P Y &\leq 1_m,\end{aligned}$$

Page 101, Equation (3.3.24):

$$\begin{aligned}(-(A_P 1_n)^\top \quad 0_n) &\begin{pmatrix} X \\ Y \end{pmatrix} \rightarrow \min \\ \begin{pmatrix} 1_m^\top & -1_n^\top \\ -1_m^\top & 1_n^\top \\ A_P^\top & 0_{nn} \\ 0_{mm} & -A_P \end{pmatrix} &\begin{pmatrix} X \\ Y \end{pmatrix} \geq \begin{pmatrix} 0 \\ 0 \\ 1_n \\ -1_m \end{pmatrix} \\ &\begin{pmatrix} X \\ Y \end{pmatrix} \geq 0\end{aligned}$$

and two lines below:

$$(X^\top A_P Y)^{-1} - c = 0,$$

Page 246:

”Definition A.11.(c)” should read “Definition A.1.1(b)”