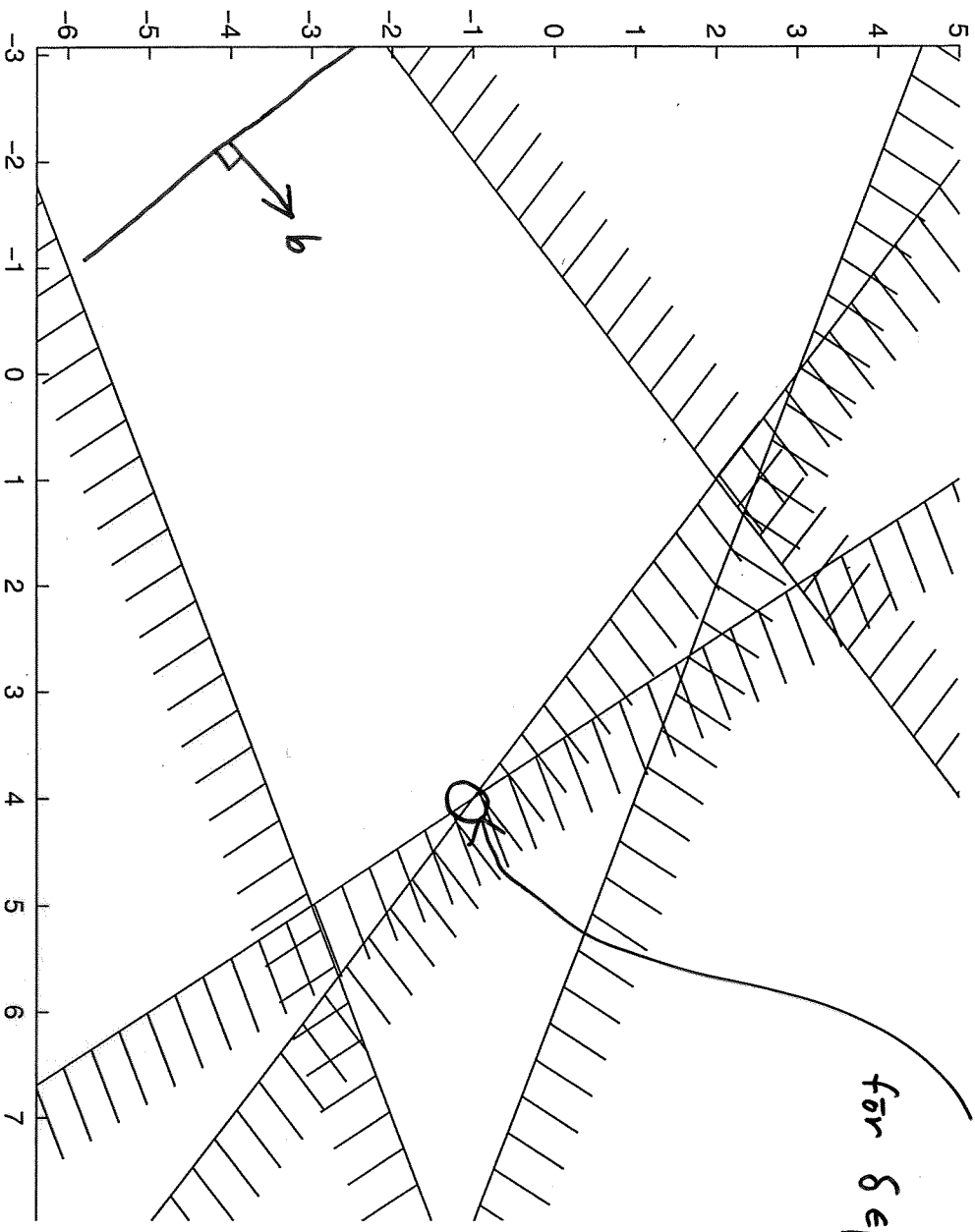


$$\max_{d^0} \tilde{b}^T y \quad A^T y \leq c$$

$$\tilde{b} = b + \begin{pmatrix} -1 \\ 1 \end{pmatrix} \delta$$

Problem 1.8, Dual

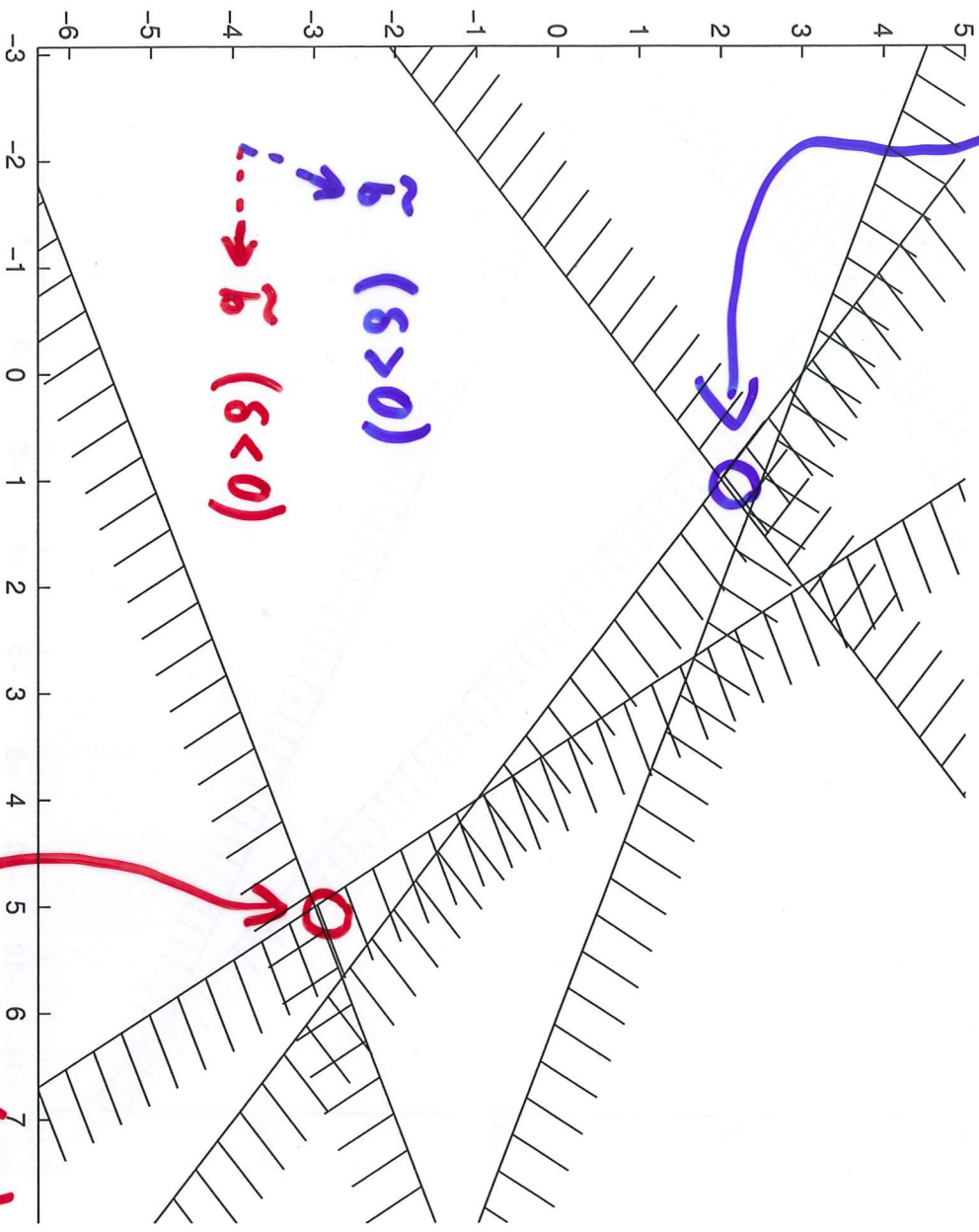
$$y^* = \begin{pmatrix} 4 \\ -1 \end{pmatrix} \quad \text{for } \delta \in \left[-\frac{2}{3}, 2\right]$$



$$y^* = \begin{pmatrix} 1 \\ 2 \end{pmatrix}$$

for $\delta \in [\frac{1}{2}, 4]$

Problem 1.8, Dual



for $\delta \in [-3, -\frac{2}{3}]$