

$$(A, B) \in \mathbb{R}_{>0}^{m \times n^2}$$

row player best response polytope:

$$P = \left\{ x \in \mathbb{R}^m \mid \begin{array}{l} x \geq 0 \\ xB \leq 1 \end{array} \right\}$$

↑ utility of col player

col player b. c. p.:

$$Q = \left\{ y \in \mathbb{R}^n \mid \begin{array}{l} Ay \leq 1 \\ y \geq 0 \end{array} \right\}$$

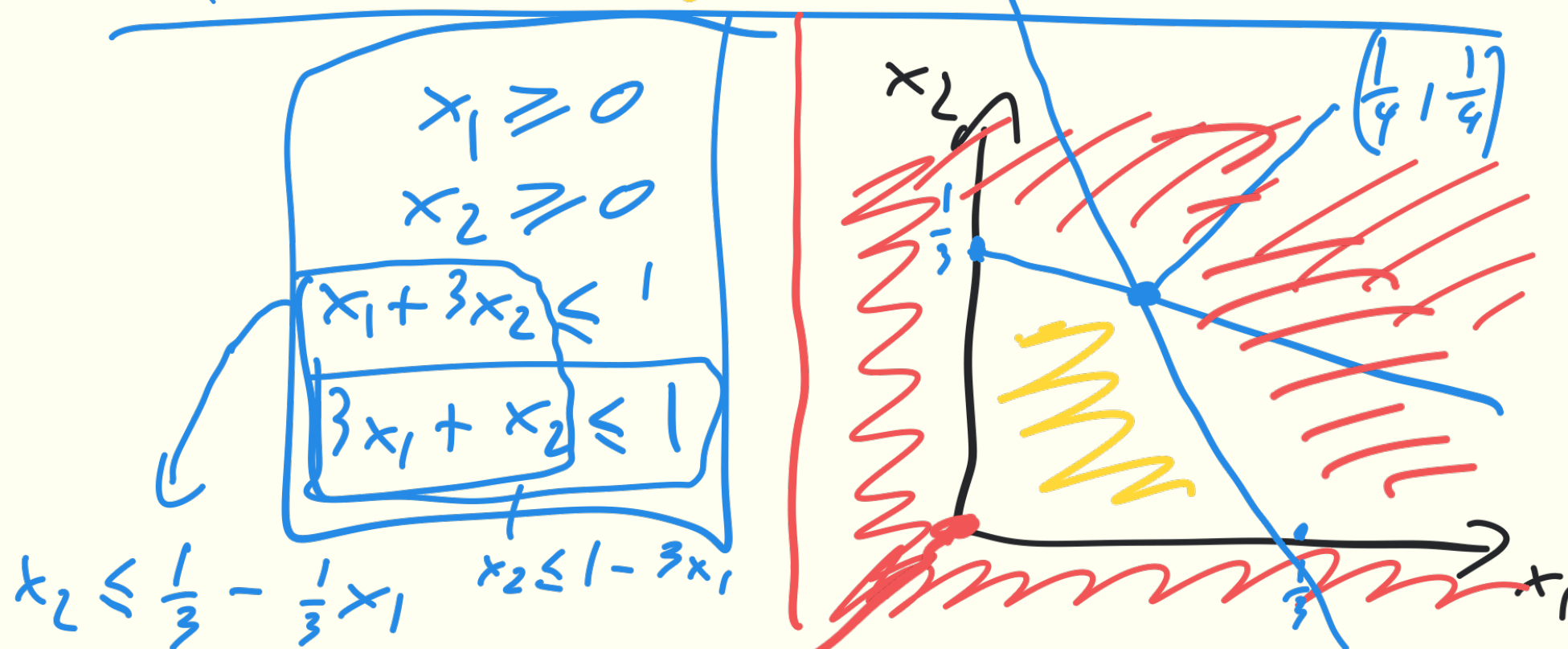
$$A = \begin{pmatrix} 1 & -1 \\ -1 & 1 \end{pmatrix} \quad B = \begin{pmatrix} -1 & 1 \\ 1 & -1 \end{pmatrix}$$

$$A = \begin{pmatrix} 3 & 1 \\ 1 & 3 \end{pmatrix} \quad B = \begin{pmatrix} 1 & 3 \\ 3 & 1 \end{pmatrix}$$

+2 ↓

$$P = \{x \in \mathbb{R}^m \mid x \geq 0, xB \leq 1\}$$

$m=2$



$$V = \{(0,0), (0, \frac{1}{3}), (\frac{1}{3}, 0), (\frac{1}{4}, \frac{1}{4})\}$$