$\min c^{\top}x$ subject to $Ax = b, x \ge 0$ where

$$\underline{B^{\top}y = c_B} \implies y = \begin{bmatrix} \\ \end{bmatrix} \qquad \Longrightarrow \qquad \underline{\hat{c}_N = c_N - N^{\top}y} = \begin{bmatrix} \\ \end{bmatrix}$$

$$\mathcal{B} = \left\{ \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \\ \\ \end{array} \right\}, \quad B = \left[\begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \end{array} \right], \quad c_B = \left[\begin{array}{c} \\ \\ \\ \\ \\ \\ \end{array} \right], \quad Bx_B = b \implies x_B = \hat{b} = \left[\begin{array}{c} \\ \\ \\ \\ \\ \\ \end{array} \right]$$
 $\mathcal{N} = \left\{ \begin{array}{c} \\ \\ \\ \\ \\ \\ \end{array} \right\}, \quad N = \left[\begin{array}{c} \\ \\ \\ \\ \\ \\ \end{array} \right], \quad c_N = \left[\begin{array}{c} \\ \\ \\ \\ \\ \end{array} \right]$

$$\underline{B^{\top}y = c_B} \implies y = \begin{bmatrix} \\ \\ \end{bmatrix} \implies \underline{\hat{c}_N = c_N - N^{\top}y} = \begin{bmatrix} \\ \\ \end{bmatrix}$$