1)
$$x_i = "QUANTI CHILI COMPRO DI i?"$$

min
$$\sum_{n=1}^{\infty} x_n^2 p_n^2$$

$$\sum_{v=1}^{N} 2C^{v} = K$$

$$\sum_{n=1}^{N} SC_{n} = K$$

4)
$$\chi_i \geqslant y_i \cdot m_i$$
 $\gamma_i \in \{0, 1\}$

$$A = \begin{bmatrix} 1 & 0 \\ 7 & -8 \\ 0 & 1 \\ -8 & 7 \end{bmatrix} \qquad b = \begin{bmatrix} 0 \\ 8 \\ 0 \\ 8 \end{bmatrix} \qquad C = \begin{bmatrix} -1 & -1 \end{bmatrix}$$

$$\overline{x} = \begin{bmatrix} 0 \\ 0 \end{bmatrix}$$
 $k = 1$ $k = 4$

$$A_{B} = \begin{bmatrix} 0 & 1 \\ -8 & 7 \end{bmatrix}$$

$$B = \{3, 4\}$$

$$A_{B} = \begin{bmatrix} 0 & 1 \\ -8 & 7 \end{bmatrix}$$

$$A_{B}^{-1} = \begin{bmatrix} 7/8 & -1/8 \\ 1 & 0 \end{bmatrix}$$

$$\widehat{SC} = \begin{bmatrix} -1 \\ 0 \end{bmatrix}$$

$$\widehat{x} = \begin{bmatrix} -1 \\ 0 \end{bmatrix}$$
 $k=3$, $k=2$

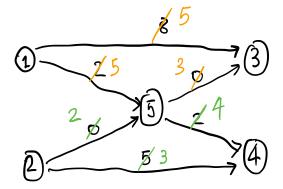
$$A_{B} = \begin{bmatrix} 7 & -8 \\ -8 & 7 \end{bmatrix}$$

$$A_{B} = \begin{bmatrix} 7 & -8 \\ -8 & 7 \end{bmatrix} \qquad A_{B}^{-1} = \begin{bmatrix} -1 & -8/7 \\ -8/7 & -1 \end{bmatrix}$$

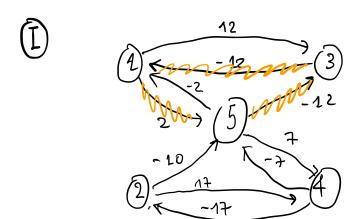
$$\mathcal{X} = \begin{bmatrix} -8 \\ -8 \end{bmatrix}$$

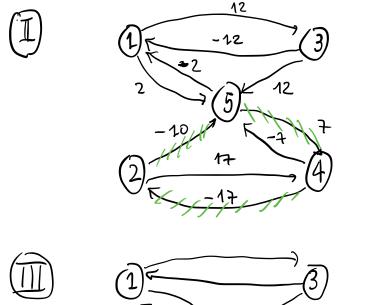
DOPO

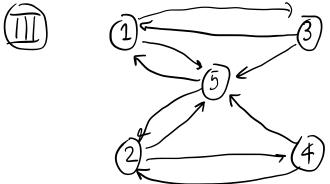
TROVIAMO EK



CICLI AMMISSIBLUE CERCHIAMO CHE 005TO MEGATIVO;







NON CI SOMO CICLI DI USTO NEGATIVO.