Ejercicio3

Wednesday, August 14, 2024 3:59 PM

$$M = \begin{pmatrix} 0 & 10 & 10 & 1 \\ - & 0 & 5 & 2 \\ - & - & 0 & 1 \\ - & - & - & 0 \end{pmatrix}$$

Simetrica

$$\begin{pmatrix} 0 & 10 & 10 & 1 \\ 10 & 0 & 5 & 2 \\ 10 & 5 & 0 & 1 \\ 1 & 2 & 1 & 0 \end{pmatrix}$$

$K = 3$

$I = \{1, 2, 3\}$

$$\sum = m_{1,2} + m_{1,3} + m_{2,1} + m_{2,3} + m_{3,1} + m_{3,2}$$

$$10 + 10 + 10 + 5 + 10 + 5 = 50$$

$$mC(n, k, I) \begin{cases} F & \text{si } K = 0 \\ I & \text{si } n = -1 \\ \max\left(mC(n-1, K-1, I + [n]) + \sum_{i,j \in I} m_{i,j},\ mC(n-1, k, I) \right) & \text{si } k > 0 \wedge n > -1 \end{cases}$$