$S_1 = 50K$ $\quad \pi_1 = 0'25$ $\quad \pi_{s1} = 0'05$

$S_2 = 3K$ $\quad \pi_2 = 0'1$ $\quad \pi_{s2} = 0'05$

$S_3 = 10K$ $\quad \pi_3 = 0'65$ $\quad \pi_{s3} = 0'065$

Usando Si

Orden = 2, 3, 1

$\hat{T} = \pi_2 \cdot s_2 + (\pi_3 (s_2 + s_3)) + (\pi_1 (s_2 + s_3 + s_1)) =$

$0'3 + (8'45) + 15'75) = 24'5$

Usando π_i

Orden = 3 1 2

$\hat{T} = (\pi_3 \cdot s_3) + (\pi_1 \cdot (s_3 + s_1)) + (\pi_2 \cdot (s_1 + s_2 + s_3)) =$

$6'5 + 15 + 6'3 = 27'8$

Usando Mixto

Orden = 3 2 1

$\hat{T} = (\pi_3 \cdot s_3) \; (\pi_2 (s_3 + s_2)) + (\pi_1 (s_1 + s_2 + s_3))$

$6'5 + 1'3 + 15'75 = 23'55$

Suponemos T^* como optima y queremos demostrar y T como solucion nuestra

$T \geq T^*$

$$c^* \sum_{j^*=1}^{n^*} \left[\pi_i^* \sum_{k^*=1}^{i^*} s_{ik}^* \right] \geq c \sum_{j=1}^{n} \left[\pi_i \sum_{k=1}^{i} s_{ik} \right]$$