②

	5	4	3	2	5
	10	8	4	7	5
	9	9	8	4	5
	1	6	2	6	15

			5	5 ∅
	3	2		~~7~~ ~~∅~~ ∅
1	3		1	~~5~~ 4
1	~~6~~ ~~3~~ ∅	~~2~~ ∅	~~6~~ ~~1~~ ∅	

$\theta = 2$

Método do Stepping-Stone

$\delta_{11} = 5 - 2 + 4 - 9 = -2$

$\delta_{12} = 4 - 2 + 4 - 9 = -3$

$\delta_{13} = 3 - 4 + 8 - 9 + 4 - 2 = \emptyset$

$\delta_{21} = 10 - 8 + 9 - 9 = +2$

$\delta_{24} = 7 - 4 + 9 - 8 = +4$

$\delta_{33} = 8 - 9 + 8 - 4 = \boxed{-13}$

Este custo
está mal
calculado

$\theta = 2$

$\delta_{11} = 5 - 2 + 4 - 9 = -2$

$\delta_{12} = 4 - 2 + 4 - 9 = -2$

$\delta_{13} = 3 - 2 + 4 - 8 = -3$

$\delta_{21} = 10 - 8 + 9 - 9 = +2$

$\delta_{23} = 4 + 8 + 9 - 8 = +13$

$\delta_{24} = 7 - 4 + 9 - 8 = +4$

$\theta = 1$

$\delta_{11} = 5 - 2 + 4 - 9 = -2$

$\delta_{12} = 4 - 2 + 4 - 9 = -3$

$\delta_{21} = 10 - 8 + 9 - 9 = +2$

$\delta_{23} = 4 - 3 + 2 - 4 + 9 - 8 = \emptyset$

$\delta_{24} = 7 - 4 + 9 - 8 = +5$

$\delta_{33} = 8 - 3 + 2 - 4 = +3$

$\theta = 2$

$$\delta_{11} = 5-2+4-9 = -2$$
$$\delta_{21} = 10-9+4-2+4-8 = -1$$
$$\delta_{23} = 4-3+4-8 = -3$$
$$\delta_{24} = 7-8+4-2 = +1$$
$$\delta_{32} = 9-4+2-4 = +3$$
$$\delta_{33} = 8-4+2-3 = +3$$

$\theta = 1$

$$\delta_{11} = 5-2+4-9 = -2$$
$$\delta_{13} = 3-4+8-4 = +3$$
$$\delta_{21} = 10-8+4-2+4-9 = -1$$
$$\delta_{24} = 7-8+4-2 = +1$$
$$\delta_{32} = 9-4+2-4 = +3$$
$$\delta_{33} = 8-4+2-4+8-4 = +6$$

$$\delta_{13} = 3-4+8-4 = +3$$
$$\delta_{21} = 10-8+4-5 = +1$$
$$\delta_{24} = 7-2+4-8 = +1$$
$$\delta_{41} = 9-5+2-4 = +2$$
$$\delta_{42} = 9-4+2-4 = +3$$
$$\delta_{43} = 8-4+2-4+8-4 = +6$$

Solução óptima de custo mínimo = $1\times5 + 3\times4 + 1\times2 + 3\times8 + 2\times4 + 5\times4 = 71$