

lavorija manta

$$[Q = \Delta U - W]_{S13}$$

$$Q^{ni} = \Delta U^{ni} - W^{ni}$$

$$\Delta U^{ni} = \phi \quad \text{cikls}$$

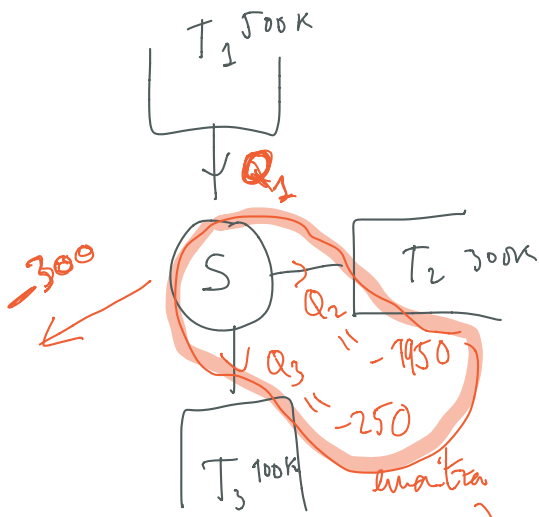
$$Q^{ni} = -W^{ni}$$

$$Q_1 + Q_2 + Q_3$$

✓	✓	✓
0	0	0

neizmai nepastāv
būvina kontrole
ar visu kārtojumu

epstāz



$$\eta = \frac{|W|}{|Q_{\uparrow}|}$$

↑ interienu satura dēvē

$$\eta = \frac{|-300|}{|2000|}$$

$$= 0.15$$

$$\Delta S^u = \Delta S^{ni} + \Delta S^{inf}$$

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 ϕ ϕ ϕ
 itālam cikls

$$\Delta S^{inf} = \Delta S^1 + \Delta S^2 + \Delta S^3$$

$$\Delta S^1 = \frac{-Q_1}{T_1} < 0 \quad Q_1 \text{ būs interienu satura dēvē}$$

$$\Delta S^2 = \frac{Q_2}{T_2}$$

$$\Delta S^3 = \frac{Q_3}{T_3}$$

} es dēvē zīmāt eksplēt

Eksplozija, bet: Konektivitāte būs, un dēvē zīmāt (Q_1) = zīmāt (Q_2) = -zīmāt (Q_3)

$$+ 300 = 2000 + Q_2 - Q_3 \quad (1)$$

$$\phi = \frac{-2000}{500} - \frac{Q_2}{300} + \frac{Q_3}{100} \quad (2)$$

→ vārds, latviski dēvē zīmāt

$$① \quad -1700 + Q_3 = Q_2$$

$$② \quad \phi = -\frac{2000}{5} - \frac{Q_2}{3} + Q_3 \Rightarrow \phi = -400 - \frac{Q_2}{3} + Q_3 \Rightarrow 400 + \frac{Q_2}{3} = Q_3$$

$$\begin{array}{r} -1700 + Q_3 = Q_2 \\ + \quad 400 + \frac{Q_2}{3} = Q_3 \\ \hline \end{array}$$

$$-1300 + Q_3 + \frac{Q_2}{3} = Q_2 + Q_3$$

$$-1300 = Q_2 \left(1 - \frac{1}{3} \right)$$

$$\left| \begin{array}{l} Q_2 = -1300 \cdot \frac{3}{2} \\ 650 \times 3 = -1950 = Q_2 \end{array} \right|$$

$$-1700 + Q_3 = -1950 \Rightarrow Q_3 = -1950 + 1700$$

$$\boxed{Q_3 = -250}$$

$$\phi = -400 - \frac{(-1950)}{3} - 250$$