

$$n = 84$$

$$T_{84} = 328.7293$$

$$T_{83} = 327.2779$$

$$T_{85} = 329.8502$$

$$T_{71} = 325.7964$$

$$T_{97} = 332.113$$

$$T_{84} = \frac{T_{83} + T_{85} + T_{71} + T_{97}}{4}$$

$$\Rightarrow T_{84} = 328.7636 \text{ K}$$

دانه در لوله

$$n = 152 \rightarrow \text{cheap junction}$$

$$T_{151} = 352.3785$$

$$T_{153} = 358.2436$$

$$T_{139} = 356.3069$$

$$T_{165} = 358.7877$$

$$\text{بافت: } -4(T_{152}) + \frac{k_c}{k_m}(T_{153}) + \frac{k_s}{k_m}(T_{151})$$

$$+ T_{165} + T_{139} = - \frac{\dot{q}(dx)^2}{2 \times k_m}$$

$$k_c = 52$$

$$k_s = 5$$

$$k_m = 28.5$$

$$\dot{q} = 10^7$$

$$dx = 0.002$$

$$\Rightarrow T_{152} = 357.8134 \text{ K}$$

دانه در لوله

$$c = \omega/mv$$

اویدی و بزرگوار! است (اشفاق حضرت (Conv. طبر)



سو

$$q_i = k_{\text{eff}} \times \frac{T_{\text{top}} - T_{\text{bot}}}{L}$$
 است

- $n-192 \rightarrow 194$