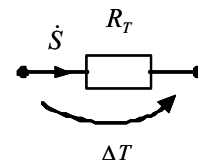


Wärmeleitung

thermischer Widerstand:

$$R_T := \frac{\Delta T}{\frac{dS}{dt}}$$

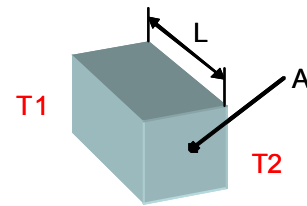
$$R_T := \frac{L \cdot T}{\lambda \cdot A}$$



Leistung:

$$P := \frac{dS}{dt} \cdot \Delta T$$

$$P := \frac{(\Delta T)^2}{R_T}$$



Temperaturdifferenz:

$$\Delta T := \sqrt{P \cdot R_T}$$