

$$\beta = \frac{\log \frac{R(T)}{R_0}}{N = \left( \frac{1}{T} - \frac{1}{T_0} \right)}$$

$R_0 \Rightarrow$  predicts as mis.  $q^e$   
 a no x q u na lte

$$\beta = \Delta T \rightarrow T_f - T_i = 0 - 25 \rightarrow 273.15 - 293.15$$

$$\frac{\log R(T) \xrightarrow{273}}{\frac{1}{T} - \frac{1}{T_0}} - \frac{\log R(T) \xrightarrow{293}}{\frac{1}{T} - \frac{1}{T_0}}$$

$$\Rightarrow \log R(T) \xrightarrow{273} - \log R(T) \xrightarrow{293} \cdot \left( \frac{1}{\left( \frac{1}{T} - \frac{1}{T_0} \right)} - \frac{1}{\left( \frac{1}{T} - \frac{1}{T_0} \right)} \right)$$

$\downarrow$   
273

Thermoelectric sensor. (150 years)

- not use and common

passive: they generate electrical emfs voltage, dir