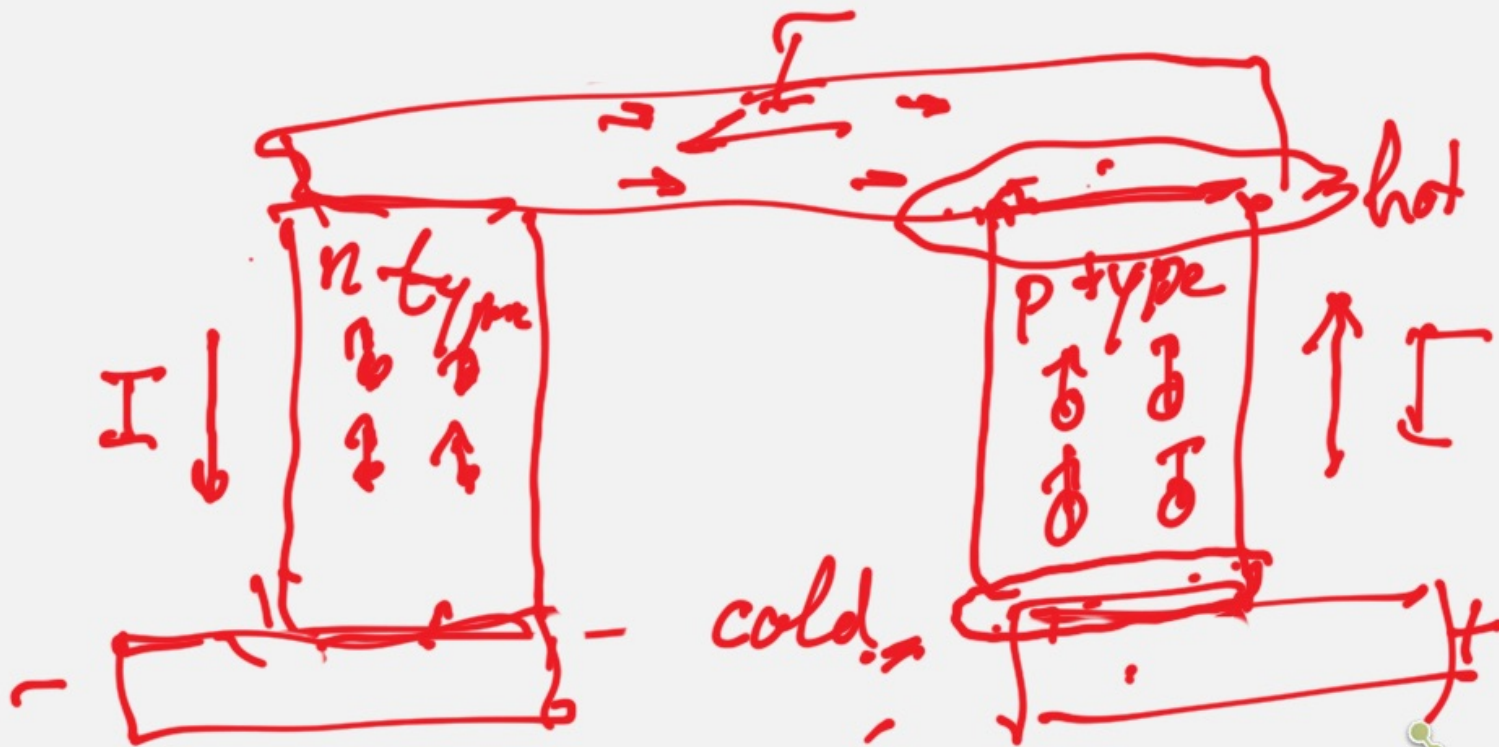


# Peltier cooler



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# Units

$$F = ma$$

SI

British units

→ mass kg  
 length m  
 time second } Newton  
 N  
 $\frac{kg \cdot m}{s^2}$

↪ uses the wrong unit of mass

Force: lbf

ft

second s

mass  
 slugs : 1  
 $\frac{lbf \cdot sec^2}{ft}$

uses lbm



convert  $\rightarrow$  \* or / 1

$$1 = \frac{1 \text{ lb ft} \cdot \text{sec}^2}{32.2 \text{ lb m ft}}$$

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