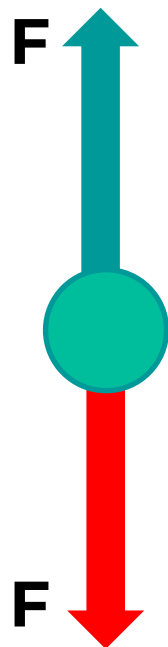


# Equilíbrio ponto material

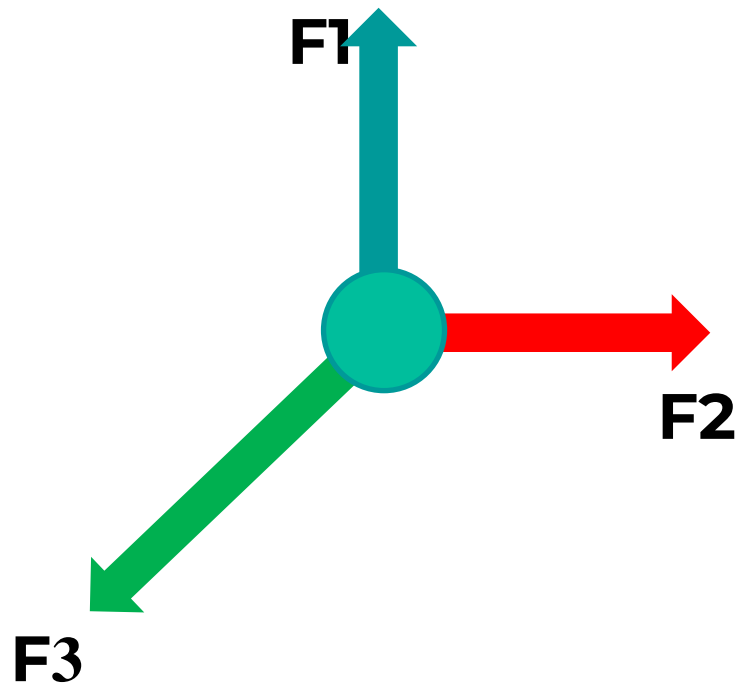
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# Condição de equilíbrio



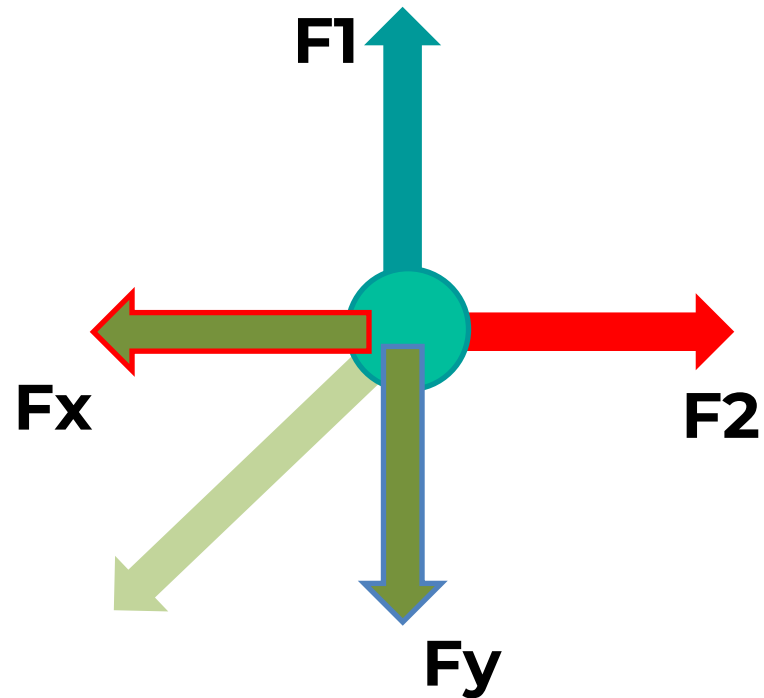
$$\Sigma F = 0$$

# Condição de equilíbrio



$$\Sigma F = 0$$

# Condição de equilíbrio



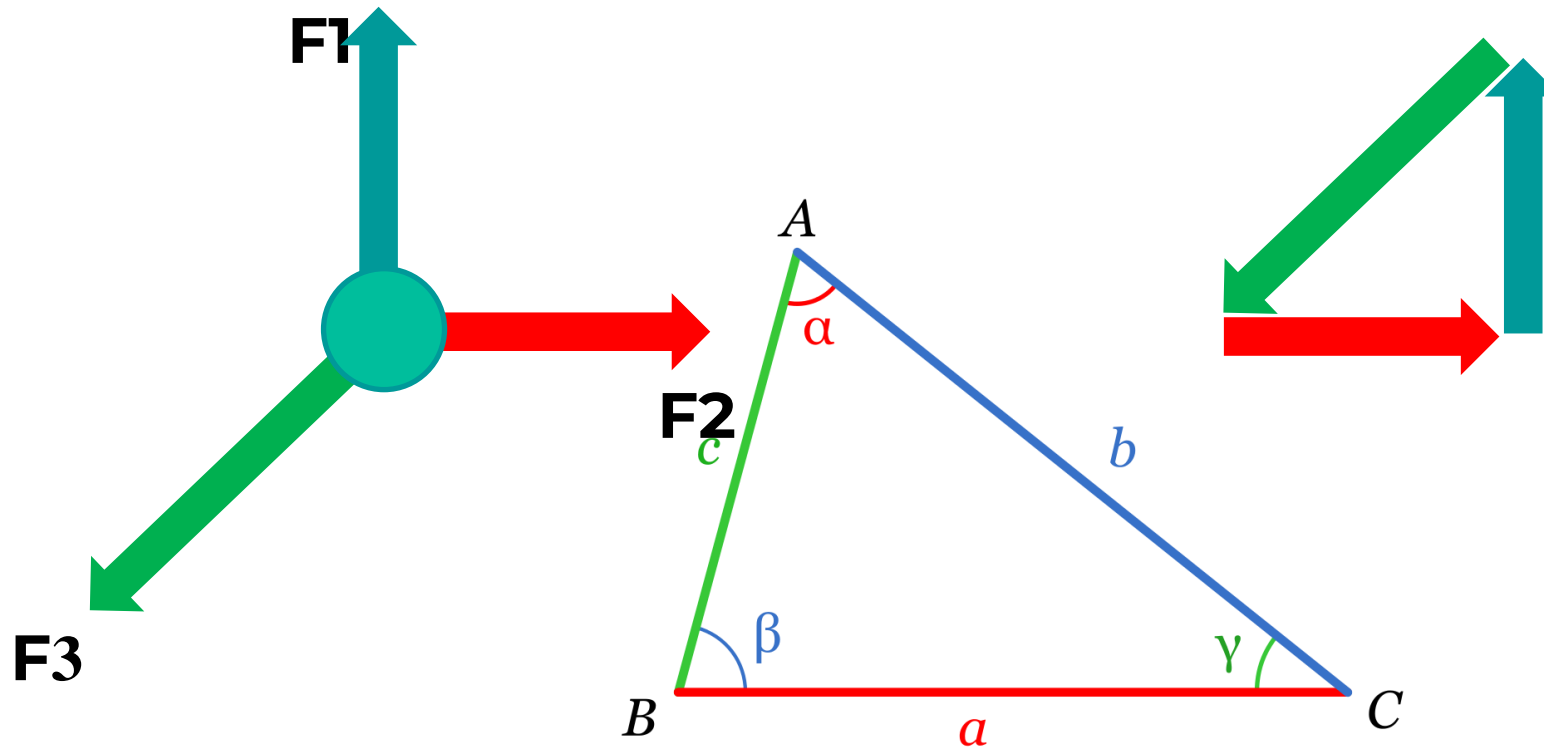
$$\Sigma F = 0$$

$$F_x = F_2$$

$$F_y = F_1$$

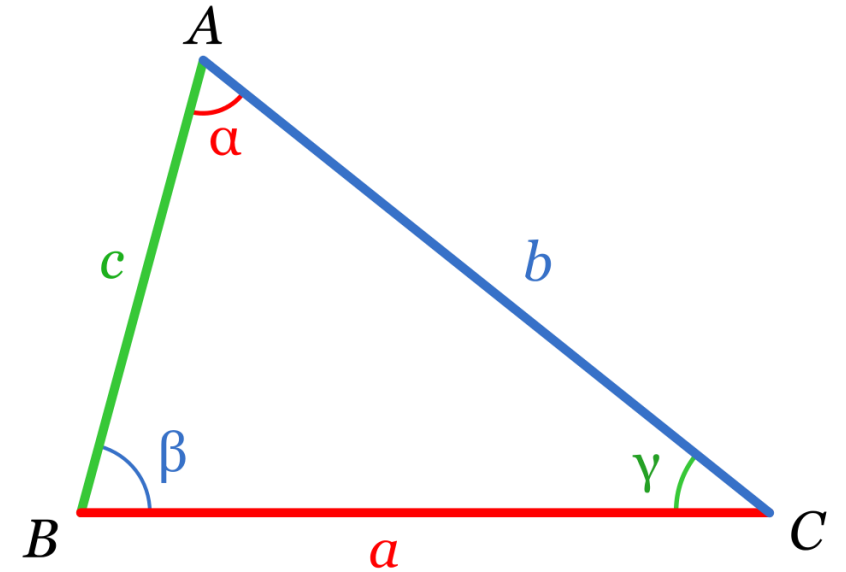
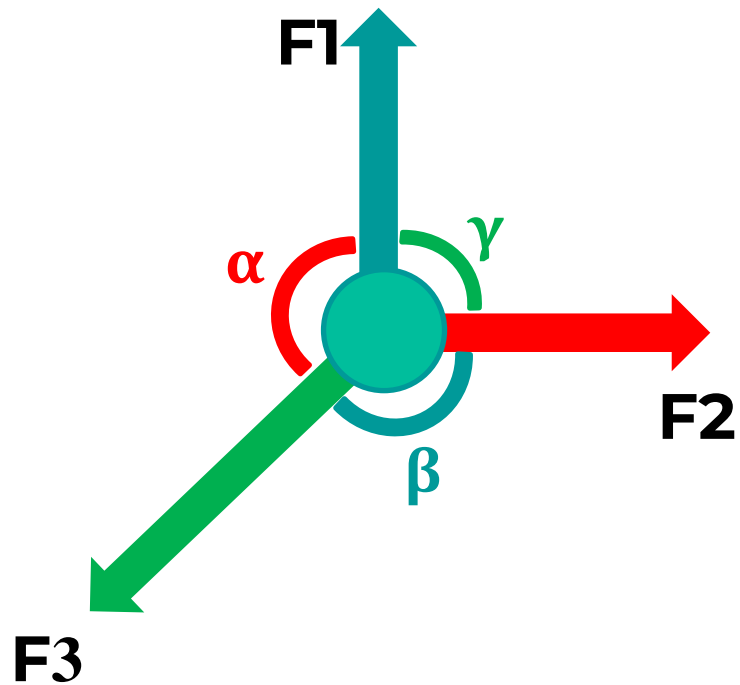
# Condição de equilíbrio

$$\Sigma F=0$$



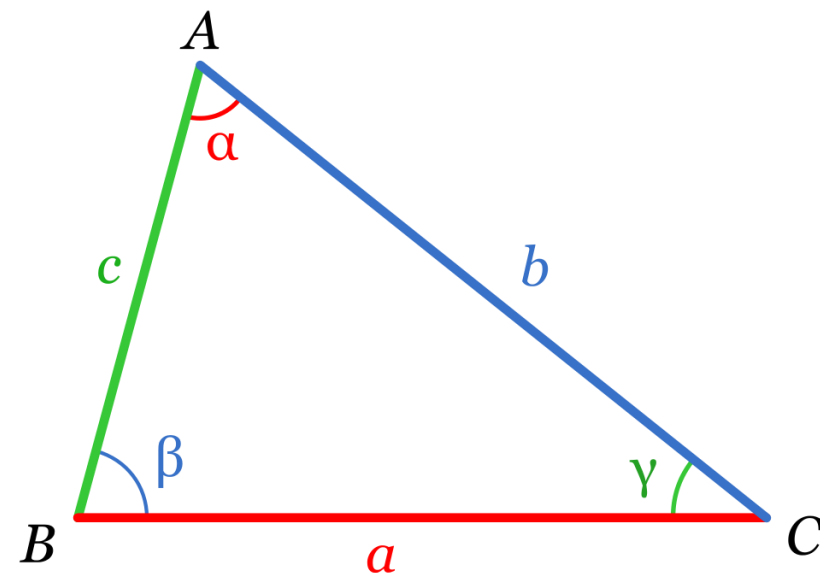
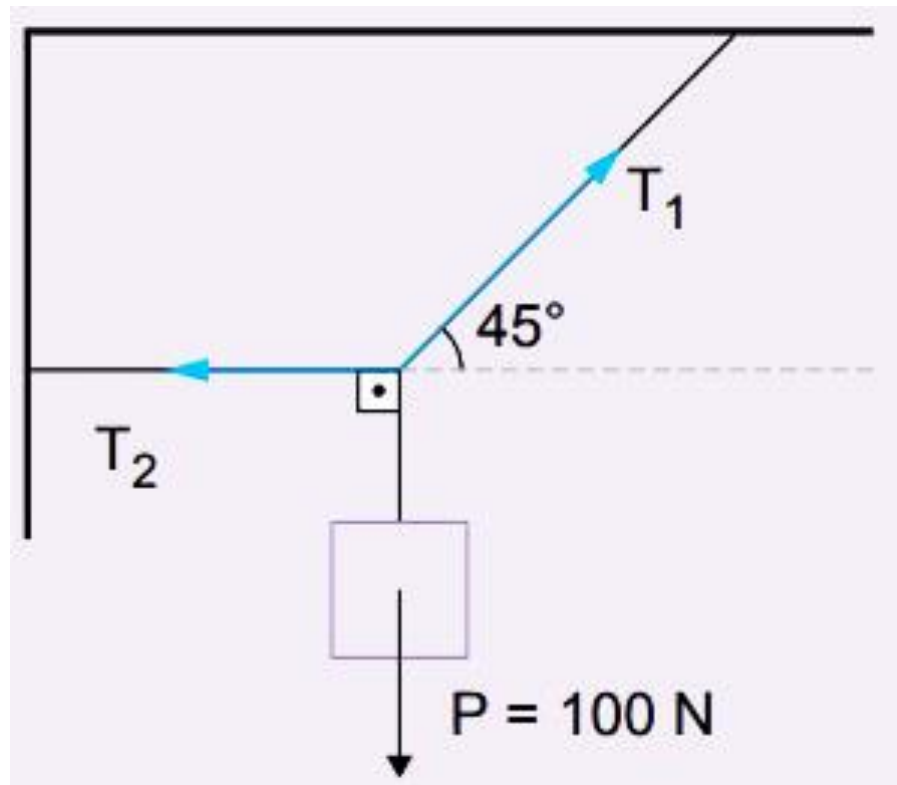
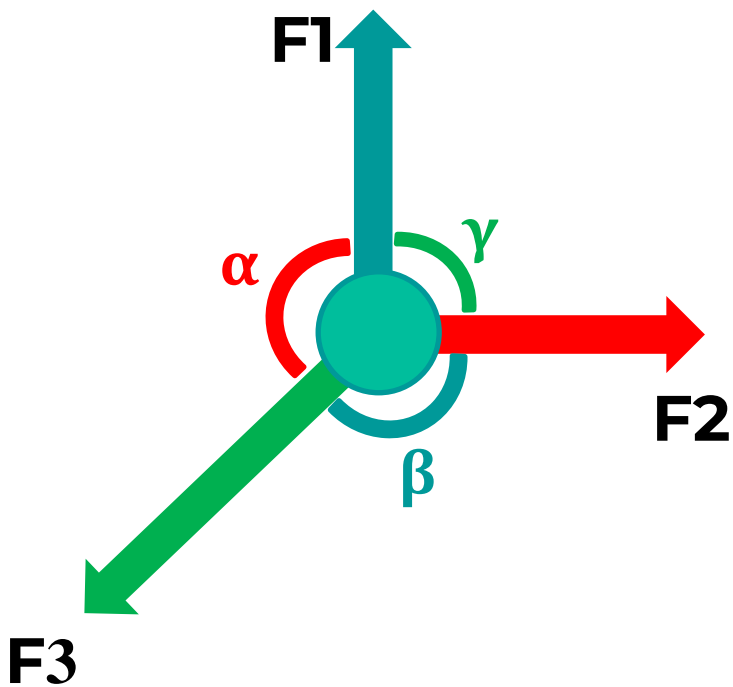
$$\frac{a}{\text{sen } \alpha} = \frac{b}{\text{sen } \beta} = \frac{c}{\text{sen } \gamma}$$

# Teorema de Lamy



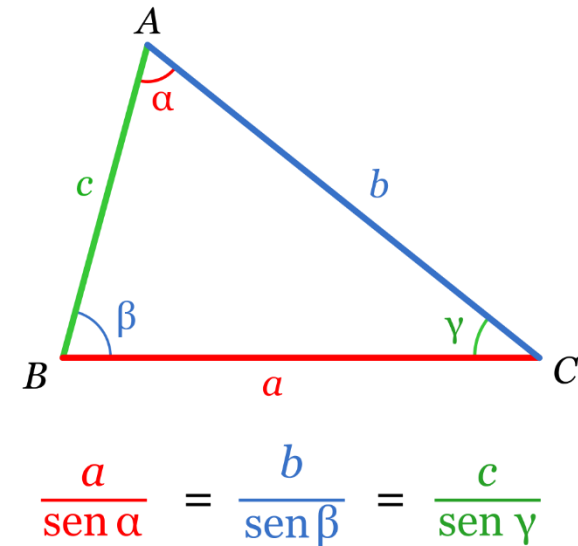
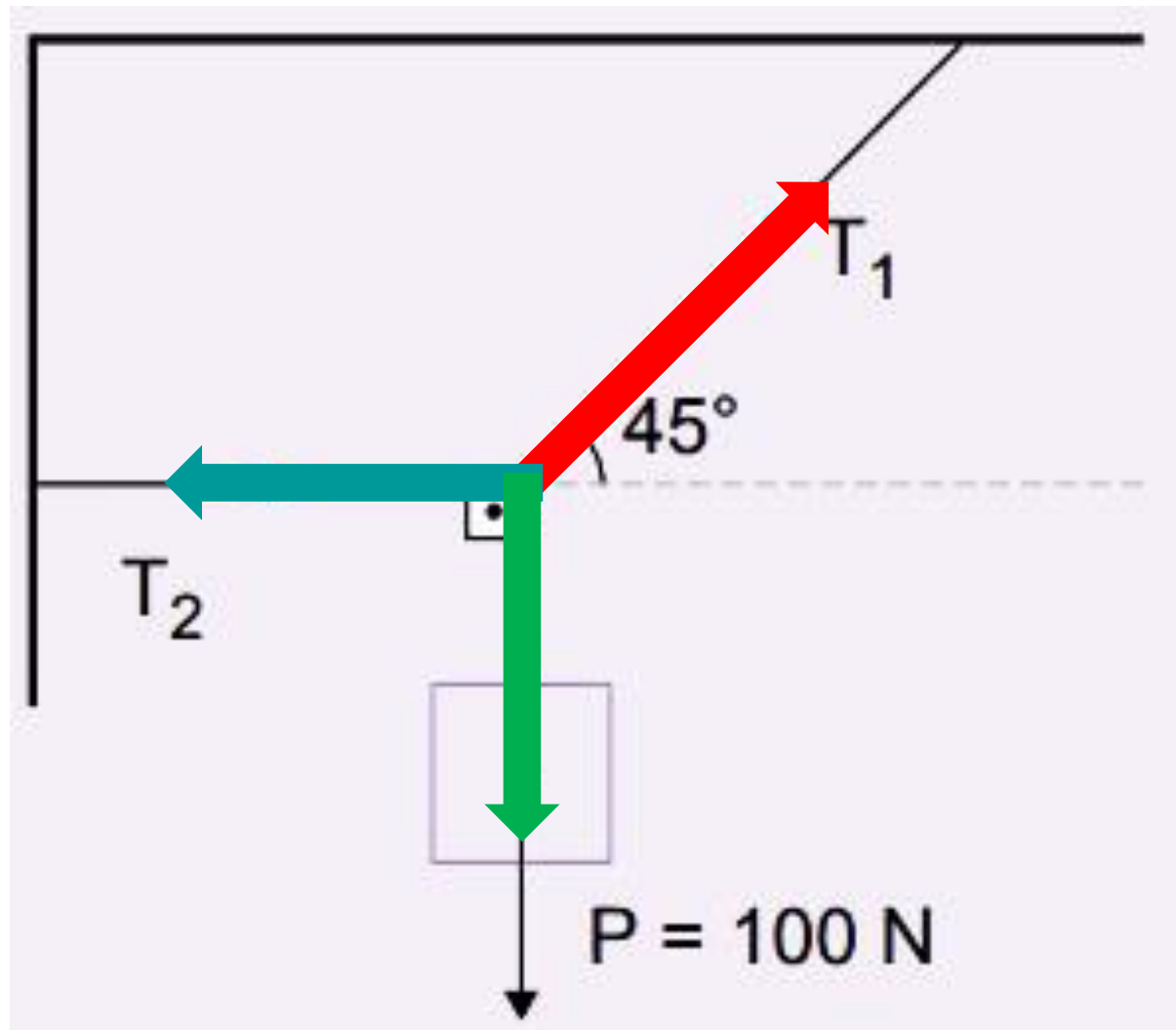
$$\frac{a}{\text{sen } \alpha} = \frac{b}{\text{sen } \beta} = \frac{c}{\text{sen } \gamma}$$

# Teorema de Lamy



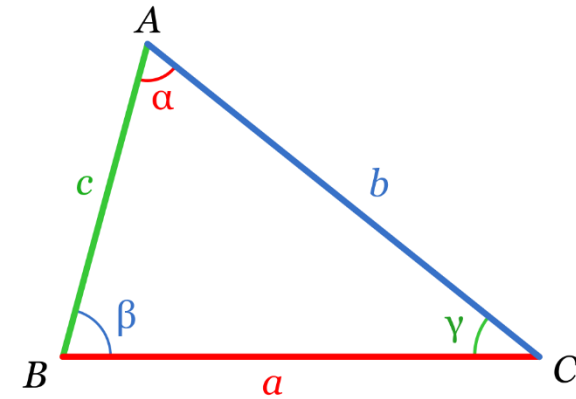
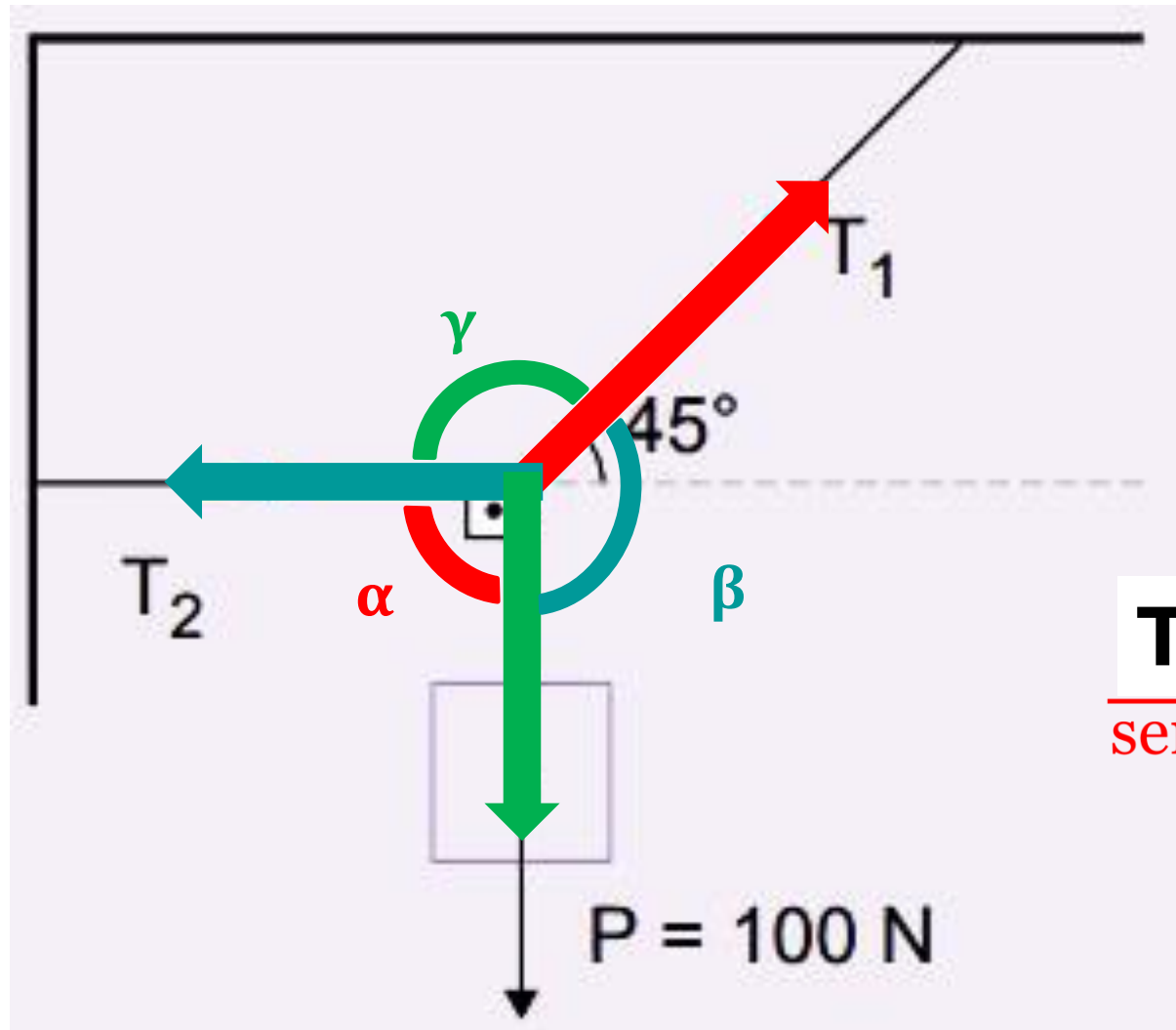
$$\frac{a}{\text{sen } \alpha} = \frac{b}{\text{sen } \beta} = \frac{c}{\text{sen } \gamma}$$

# Teorema de Lamy





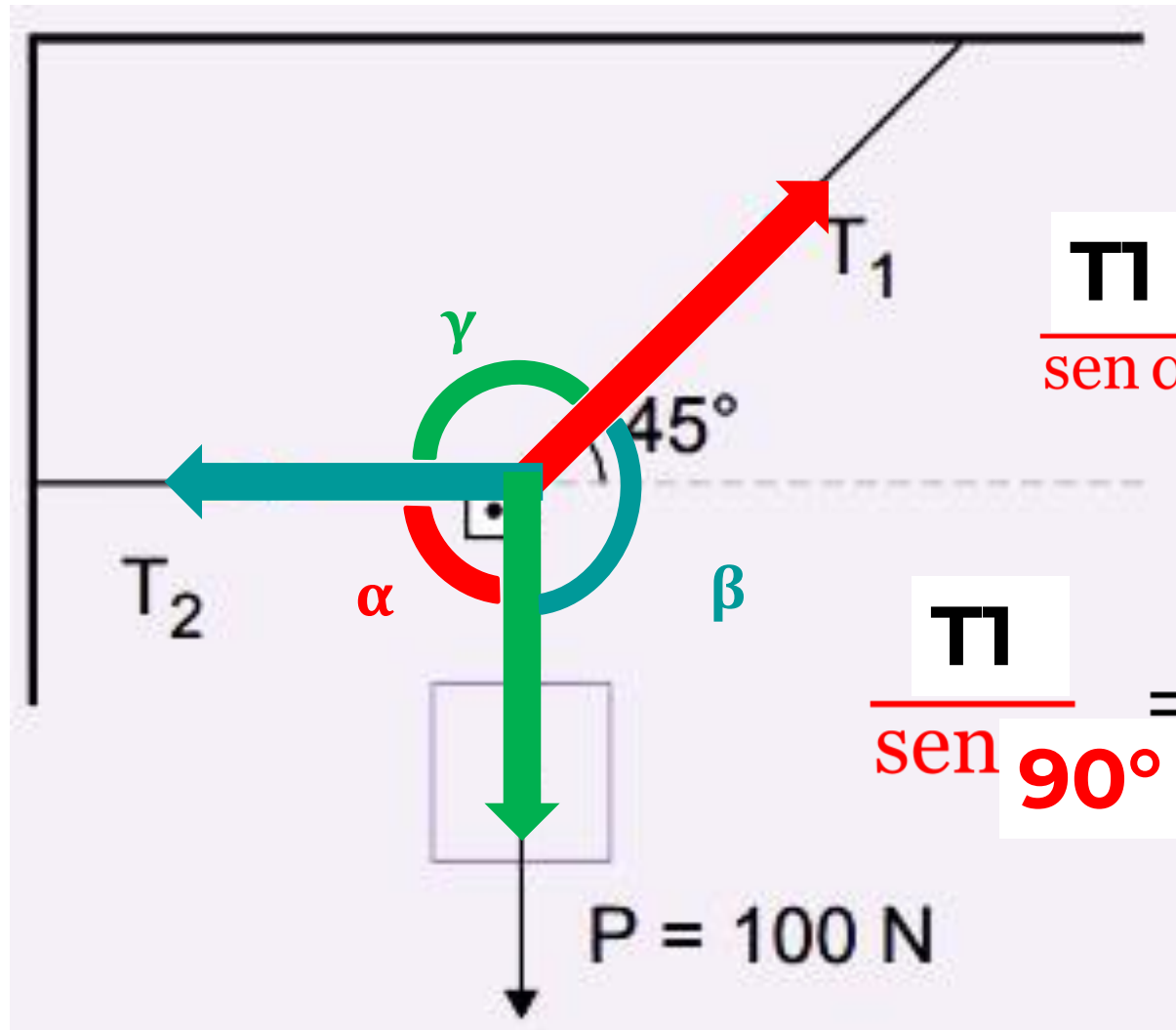
# Teorema de Lamy



$$\frac{a}{\text{sen } \alpha} = \frac{b}{\text{sen } \beta} = \frac{c}{\text{sen } \gamma}$$

$$\frac{T_1}{\text{sen } \alpha} = \frac{T_2}{\text{sen } \beta} = \frac{P}{\text{sen } \gamma}$$

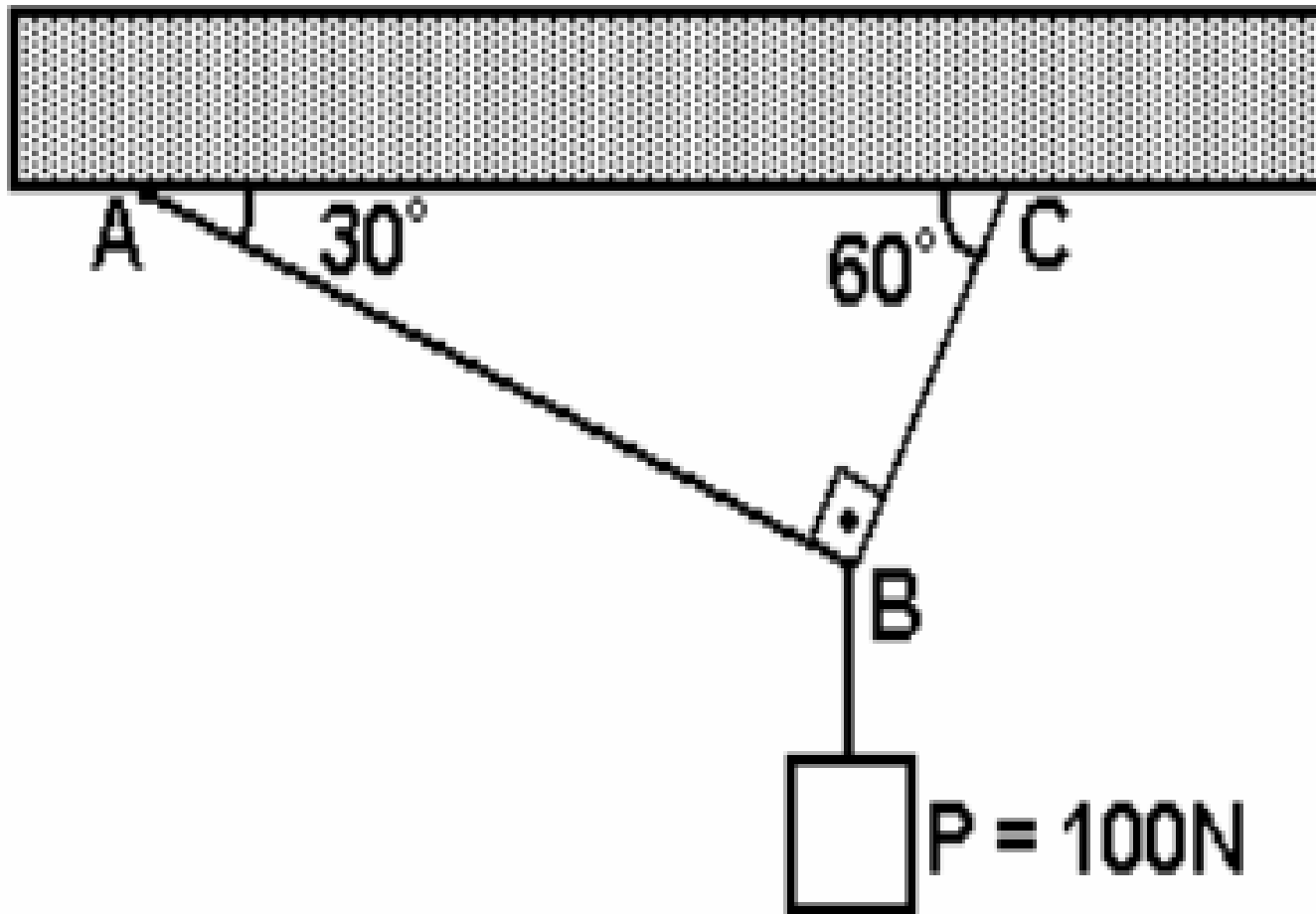
# Teorema de Lamy



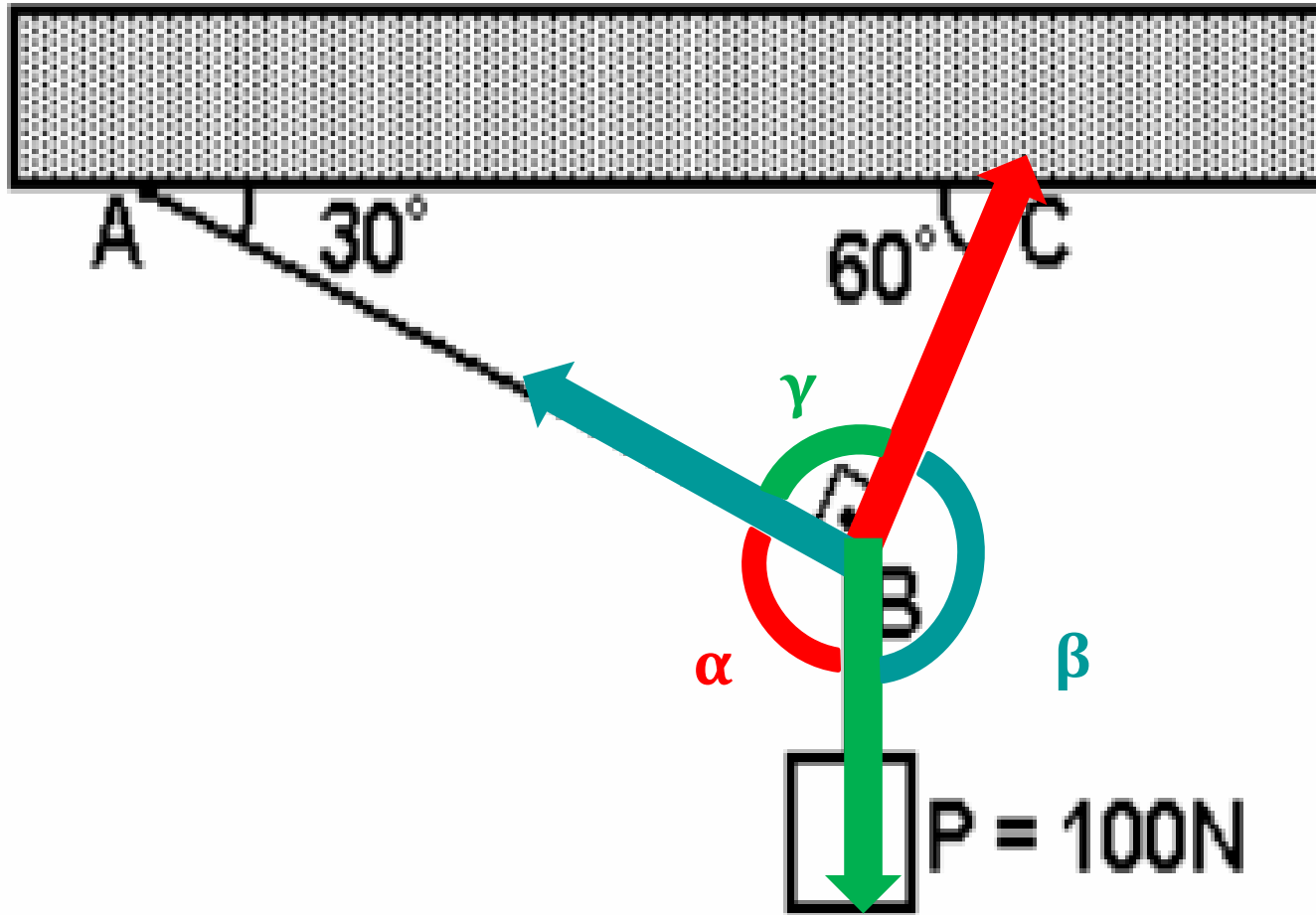
$$\frac{T_1}{\text{sen } \alpha} = \frac{T_2}{\text{sen } \beta} = \frac{P}{\text{sen } \gamma}$$

$$\frac{T_1}{\text{sen } 90^\circ} = \frac{T_2}{\text{sen } 135^\circ} = \frac{100}{\text{sen } 135^\circ}$$

# Teorema de Lamy



# Teorema de Lamy



$$\frac{T1}{\text{sen } \alpha} = \frac{T2}{\text{sen } \beta} = \frac{P}{\text{sen } \gamma}$$

$$\frac{T1}{\text{sen } 120^\circ} = \frac{T2}{\text{sen } 150^\circ} = \frac{100}{\text{sen } 90^\circ}$$

# Equilíbrio do ponto material

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