



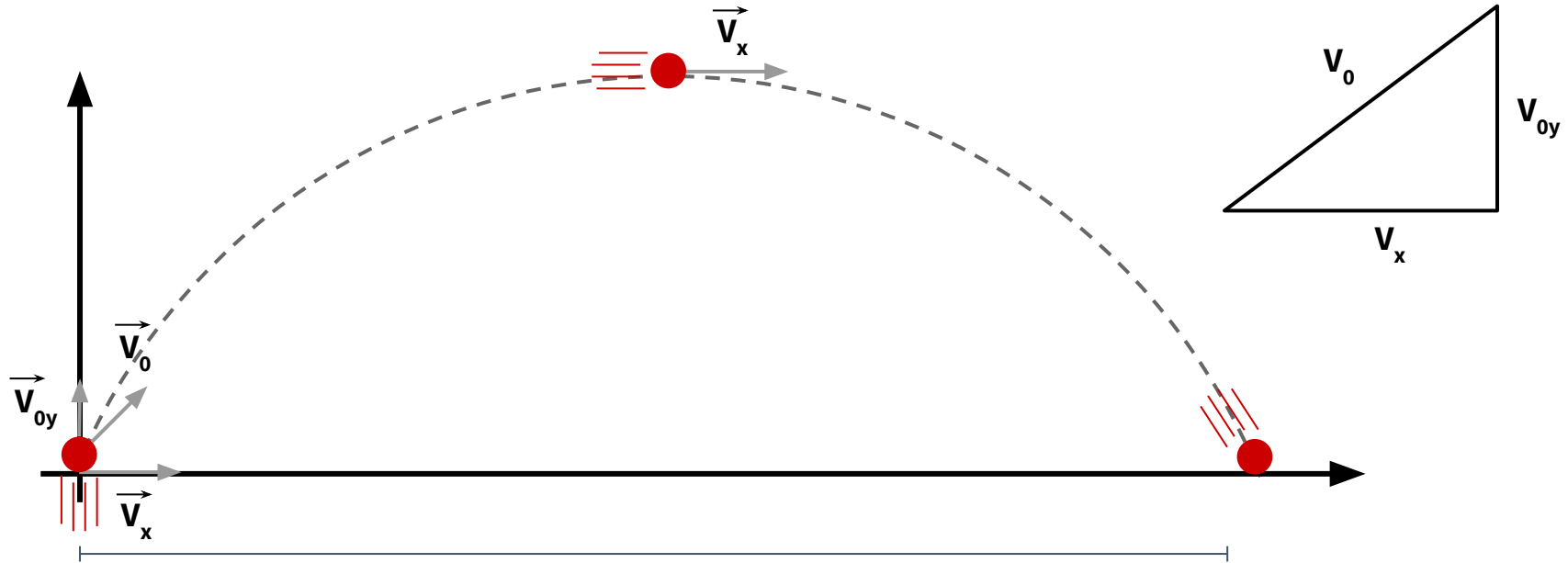
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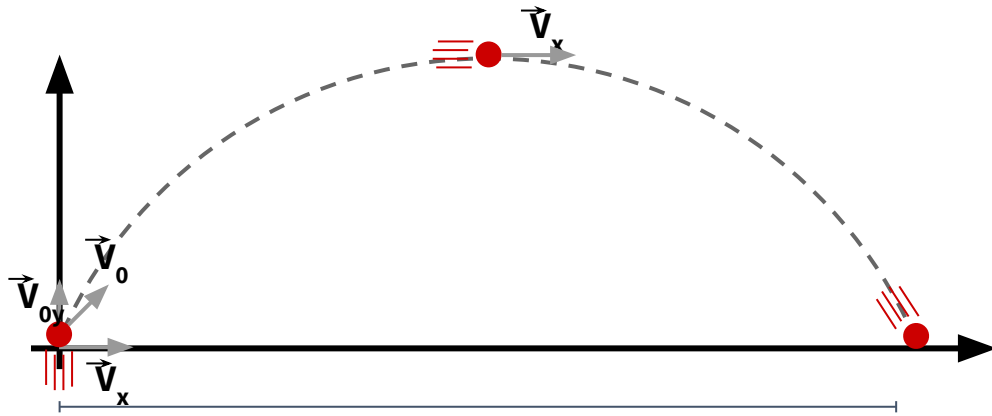
aula

Lançamento oblíquo no vácuo

Lançamento oblíquo no vácuo



Tempo de subida

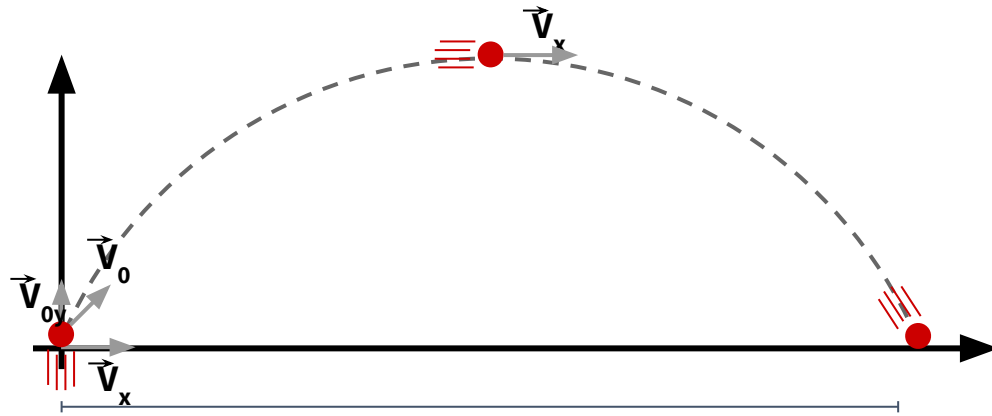


$$V_y = V_{0y} - g \cdot t$$

$$V_x = V_0 \cdot \cos \hat{\alpha}$$

$$V_y = V_{0y} \cdot \sin \hat{\alpha}$$

Altura máxima

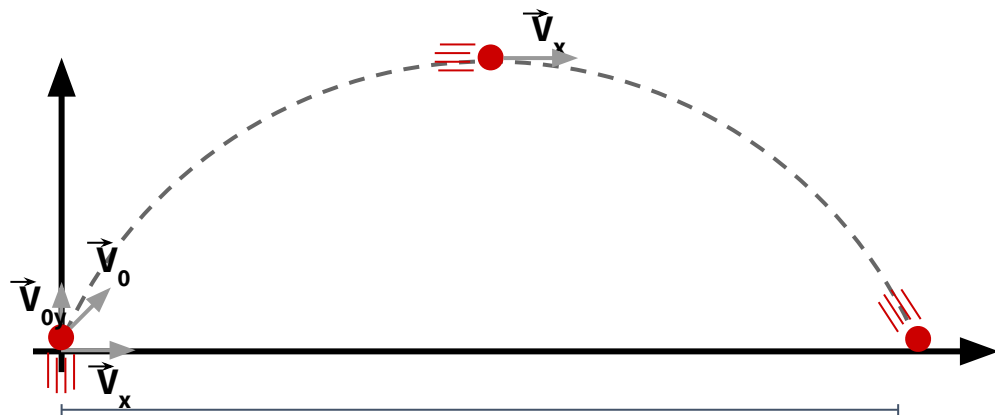


$$V_y = V_{0y} - g \cdot t$$

$$V_x = V_0 \cdot \cos \hat{\alpha}$$

$$V_y = V_{0y} \cdot \text{sen } \hat{\alpha}$$

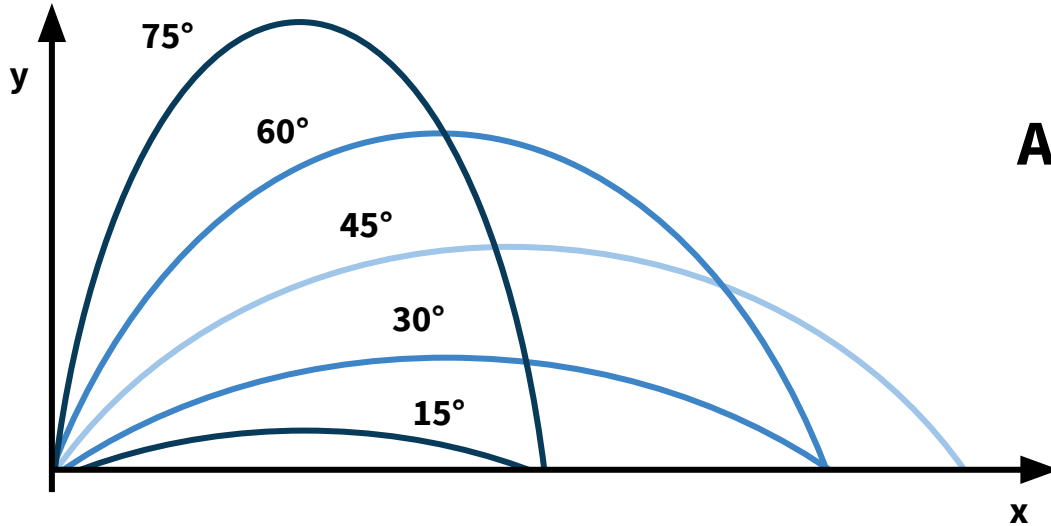
Alcance



$$V_x = V_0 \cdot \cos \hat{\alpha}$$

$$V_y = V_{0y} \cdot \text{sen } \hat{\alpha}$$

Alcance máximo



$$A = \frac{V_0^2 \cdot \text{sen } 2\alpha}{g}$$



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