



- Symmetric
- $t_{\text{up}} = t_{\text{down}} = \frac{1}{2}t_{\text{air}}$
- $\vec{v}_{\text{up},y}(h) = -\vec{v}_{\text{down},y}(h)$, and \vec{v}_x is constant since $\vec{a}_x = 0$
- $\vec{v}_{\text{top}}(h_{\max}) = \hat{i} v_0 \cos \theta$
- $t_{\text{air}} = 2v_{0y}/g$ • $2gh = v_{0y}^2$

