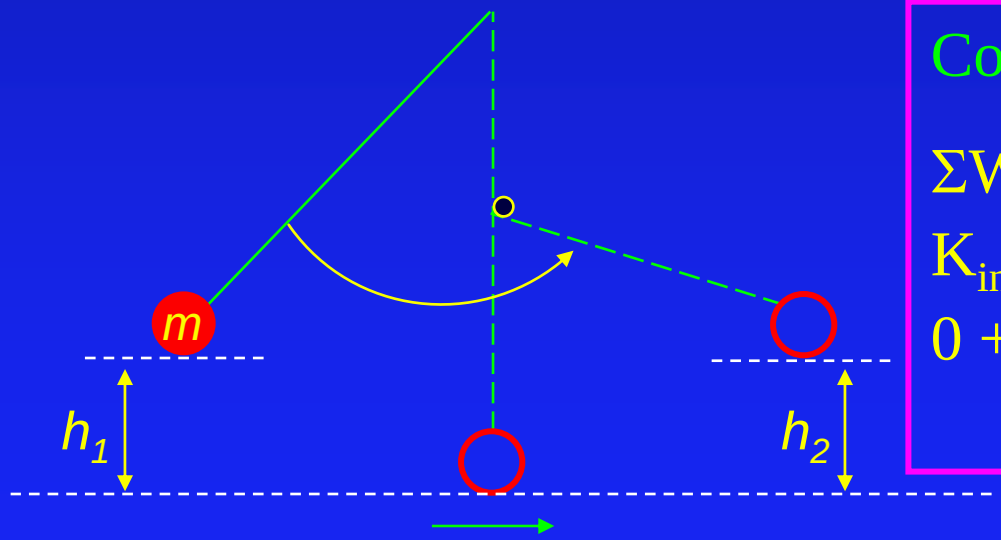
Galileo's Pendulum ACT

How high will the pendulum swing on the other side now?

A) $h_1 > h_2$ B) $h_1 = h_2$ C) $h_1 < h_2$



Conservation of Energy (W_{nc}=0)

$\Sigma W_{nc} = \Delta K + \Delta U$

$K_{initial} + U_{initial} = K_{final} + U_{final}$

$0 + mgh_1 = 0 + mgh_2$

$h_1 = h_2$