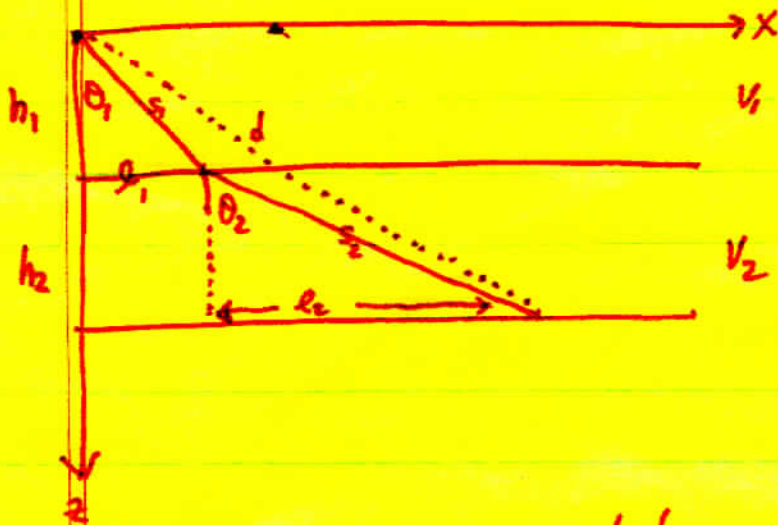


MEAN Velocity



$$\text{mean velocity} = \frac{\text{mean distance}}{\text{travel time}} = \frac{d}{T}$$

$$d = \left[(h_1 + h_2)^2 + (l_1 + l_2)^2 \right]^{1/2}$$

$$T = \frac{s_1}{v_1} + \frac{s_2}{v_2}$$

$$\text{with } s_i = h_i / \cos \theta_i \quad l_i = h_i \tan \theta_i$$