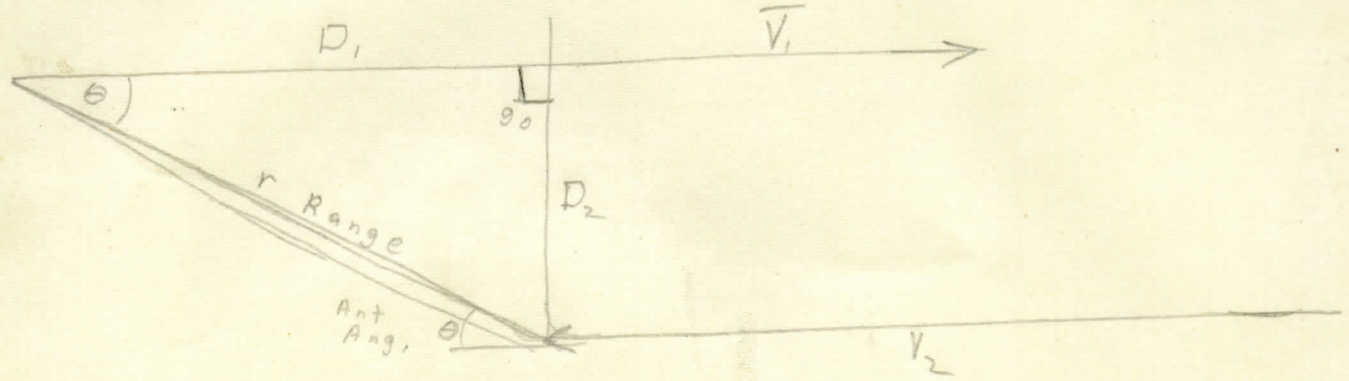
$\frac{r\cos\theta}{V_1} = \frac{r\sin\theta}{V_2}$ $\frac{V_1}{V_2} = \frac{r\cos\theta}{r\sin\theta}$ $\frac{V_1}{V_2} =$



find Time T such that ~~then~~ $D_1 V_1$ equals $D_2 V$

with $V_1 + V_2$ known

$D_1 = r\cos\theta$ $VT = D$ $T = \frac{D}{V}$ T's must be equal

$D_2 = r\sin\theta$

$\frac{D_1}{V_1} = \frac{D_2}{V_2}$ $r\cos\theta$

find practical method of doing this on beam attack

$\frac{V_1}{V_2} = \frac{D_1}{D_2} = \frac{r\cos\theta}{r\sin\theta} = \frac{\cos\theta}{\sin\theta} = \frac{\frac{y}{r}}{\frac{x}{r}} =$

$\frac{V_1}{V_2} = \tan\theta$ or $\theta = \tan^{-1}\frac{V_1}{V_2}$

set up meter with A ~~moveable~~ pointer which may be set to proper $\frac{V_1}{V_2}$ + then display the $\angle\theta$ on meter by a needle of pointer when two coincide roll into attack