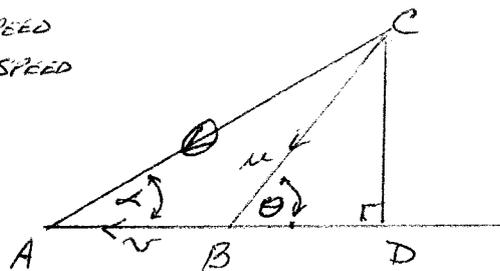


u = OWN SHIP'S SPEED
 v = TARGET SHIP'S SPEED



'NOT TO SCALE'

$$BD = u \cos \theta$$

$$CD = u \sin \theta$$

$$\tan \alpha = \frac{u \sin \theta}{v + u \cos \theta}$$

IF A CHANGE IN ' α ' RELATIVE TO DIRECTION ' v ' IS PROPORTIONAL TO CHANGE IN ' θ ' RELATIVE TO DIRECTION ' v ' THEN EVENTUALLY TO FIND THE REQUIRED MULTIPLIER TO CHANGE IN DRM FOR $\frac{u}{v}$ FOR A CHANGE OF ' θ ', I.E. LOOKING FOR A FACTOR FROM A CHANGE IN ' α ' FOR A CHANGE IN ' θ '.

BY GIVING ' θ ' DIFFERENT VALUES FOR DIFFERENT $\frac{u}{v}$ VALUES

⇒ FOR	$u = 3v$	diff DRM ^s	$\times 1.25$
	$u = 2v$	" "	$\times 1.5$
	$u = 1.5v$	" "	$\times 1.7$
	$u = v$	" "	$\times 2.0$