GIVEN:

VT= 1000 FT SEC

VM = 3000 FT

KroBlom 5.2

YT = 20,000 FT 27 CONSTANT

Or= 0

B(0)= 90°

Fin0:

(1) TRAJECTORIES OF TARGET AND MISSILE

(a) TIME of impact

R=VTCOSB-VM

B=VTSIJ

Kn(t)

WE HAUE, THEN

= 1000ft t SEC

YT = 20, saof+

IN Clobal FRAME: FOR THE MISSILE, RELATIVE TO TAPLET

Xm(t) = X+(+) - R(+) (05 (B(+))

Ym(t)= YT - R(+) (B(+))

INGEO TO FILD RITIL BUY

LA FEST OF PROBLEM DONEN ON COSPITER!