VP1-10-1 1A1 = 5.00 1B1 = 640 $A_z = (5.00)(os(36.90)=3.998)$ JA=1640 Ay = (5.00) sin (-3640)=-3.002 Bx = (6.40) Cos (110°) = -2.189 Ry = (640) sin (110°) = 6.014 (Thy component) A·B = AzBx + AyRy + AzBz = (3.998)(-3.002) + (-2184)(6.014) = (3.998)(-2.189)+ (-3.002) (6.014)+04 = - 26.81 (By magnitude) A·B - | A | 18 1 (05 (02)

= (5.00)(6.40) (6x(-(180°-1469°))

= -26.806

2 - 26.81

N.B. Analytic Thigo needs 1-06 work.
Need to 6as on:

- 1. Unit Circle Makey
- z. Quadrates and sight
- 3. Reterence Angles.