$$P = (P_x, P_y)$$

$$R = (S)$$

$$S = (S)$$

$$P = (R)$$

$$P = (R)$$

$$P = (R)$$

$$P = (R)$$

$$\begin{cases} X_{B} = 4000 \text{ M}_{A} + 5 \text{ in } 0 \text{ M}_{A} \\ Y_{B} = -5 \text{ in } 0 \text{ M}_{A} + 6000 \text{ M}_{A} \\ Y_{A} = 6000 \text{ M}_{B} - 5 \text{ in } 0 \text{ M}_{B} + 6000 \text{ M}_{B} \\ Y_{A} = 5 \text{ in } 0 \text{ M}_{B} + 6000 \text{ M}_{B} \end{cases}$$

PRUDUCT VECTOR a x b = | a | b | s m d K OUT OF PAPER 1 N TO PAPER QXL - LXQ QXX = (Q1 1 + QJ + QZ K)X(L1+LJ+LX) $a \times b = 0 = (0, 0, 0)$ $-21/hy(1\times J)+lyhy(J\times 1)+0$ XX= $\frac{1}{X}$

2 XI - ((4 y bz - az by) i+ (az by - ax bz) + + (& x b - b x e y) K -