

Third possibility LI&LY are parallel Rot(Q, Ø) · Rot(P, O) = Refly · Refly What is condition on 0 & phere? 0/2 + 0/2 = TT (parallel axiom) Ø=2m=0. $\Theta + O = 2H$ Rot (P, O) : (cw notation by Dabout P Rot (Q, 217-0): Clw Otation by 217-0

= CW Otation by O about Q Application: Moving furniture Iwalk a wardrobe GPS Theorem AB, C. 3 points in R2, not continear (don't lie on aline). then a point P in R2 is uniquely determined by the distances IPAL, IPBI, IPCI. Actually GPS is even smarter, point P is determined by the differences in 1 PAI, 1981, 19C1 - will determine the point P (your position) & the correction to your priores time from this information (A,B,C= satellites).



