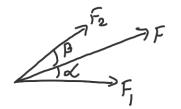
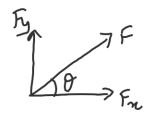
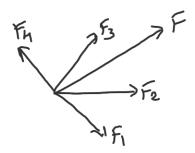
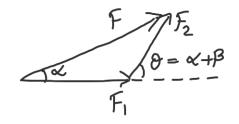
Resolution of forces

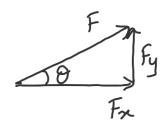


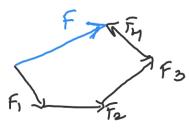




(omposition of for us







Composition of forces by the method of

Pex < --- Plan

Pax <

step 2: Find the algebraic sum of the susolved forces separately in X + y direction

 $\sum F_{x} = P_{1x} + (-P_{2x}) + (-P_{3x}) + P_{4x}$   $= P_{1x} - P_{2x} - P_{3x} + P_{4x}$ 

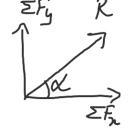
Efy = Piy + Pzy + (-Pzy) + (-Phy) = Piy + Pzy - Pzy - Phy

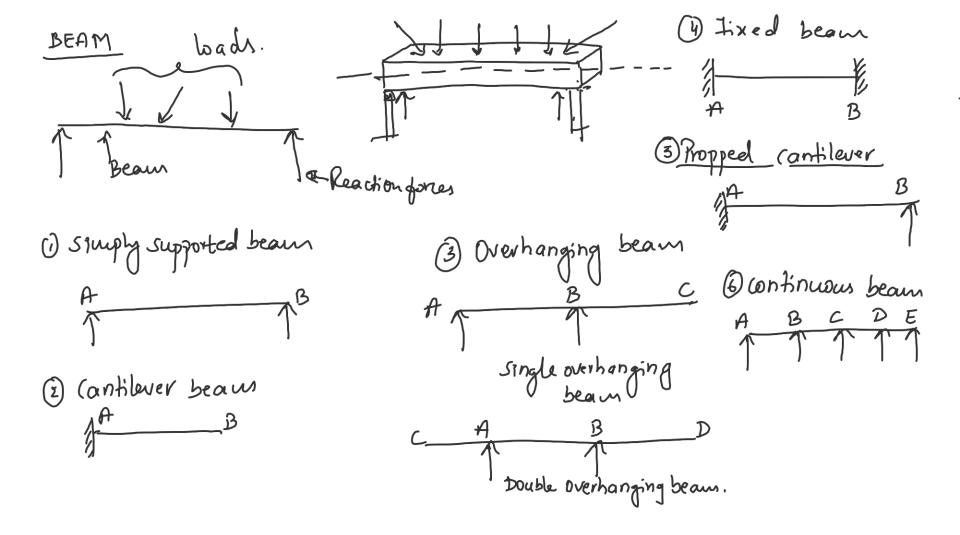
R = (EFz)2+(EFy)2

resolution.

step: 1 Finding components & all the forces in X + y direction.

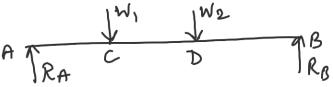
Pin, Pan, Pan, Pin, Pin, Pay, Pay, Pay & Phy





Types of loadings:

1) Point load or concentrated load.



2 Uniformly distributed load (UDL)

