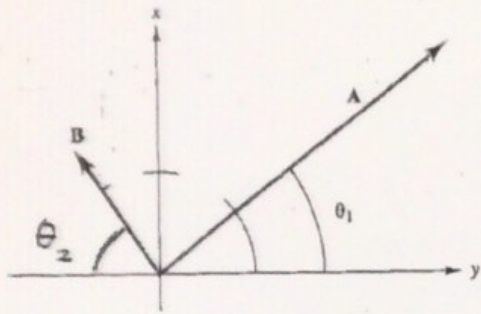


Numeric Resultants and Equilibrants Notes



A is 100 N. $\theta_1 = 40^\circ$

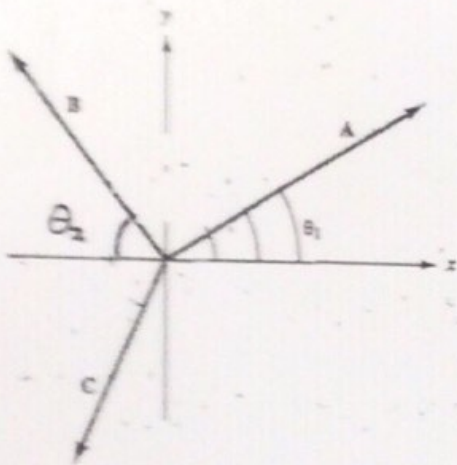
B = 50 N $\theta_2 = 50^\circ$.

a) Find A_x, A_y, B_x, B_y

b) Find the sum $\vec{A} + \vec{B} = \vec{R}$

(Find the magnitude and direction of R.)
↓ angle

2.



$$A = 100 \text{ N} \quad \theta_1 = 30^\circ$$

$$B = 80 \text{ N} \quad \theta_2 = 50^\circ$$

What is the magnitude and direction (angle) of C such that $\vec{A} + \vec{B} + \vec{C} = 0$.