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$$\bar{A} = 3i + 2j, \bar{B} = -4i + j, \bar{C} = -6j, \bar{D} = -i - 7j$$

$$\bar{E} = 2\bar{A} - \frac{1}{3}\bar{C}$$

$$\bar{E} = 6i + 4j - (-2j)$$

גודל $\bar{E} = 6i + 6j$

זווית $\bar{E} = \sqrt{72} \mid 45^\circ$

$$\bar{F} = -\bar{D} + 3\bar{B}$$

$$\bar{F} = i + 7j + (-9i + 3j)$$

גודל $\bar{F} = -11i + 10j$

זווית $\bar{F} = \sqrt{221} \mid 137.73^\circ$

$$\text{tg } \alpha = \frac{10}{-11}$$

$$\alpha = -42.27^\circ + 180^\circ$$

$$\sqrt{11^2 + 10^2} = \sqrt{221}$$

$$\alpha = 137.73^\circ$$