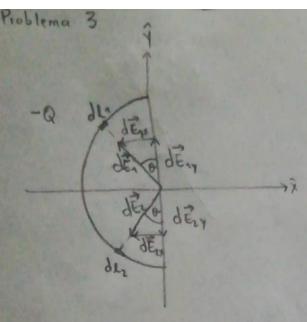
Preguntas descriptivas:

Fight =
$$\frac{1}{4}$$

Fight = $\frac{1}{4}$

Fight = $\frac{1$



Por simetria los componentes en 9 se anulan y en 2 se suman.

Selección Múltiple

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|---|
| Α | Х | | | | Х | | Х |
| В | | | Х | Х | | | |
| С | | | | | | | |
| D | | Х | | | | Х | |
| E | | | | | | | |

Pregunta 6.

Por simetria los campos en
$$\hat{X}$$
 se cancelan y
en \hat{Y} se suman.

$$=) \vec{E} = 2 \vec{E}_{Y}$$

$$\vec{E} = 2 \vec{E} \operatorname{sen} \theta \hat{Y}$$

$$\vec{E} = 2 \frac{\text{Ke } q}{(5a)^{2}} \cdot \frac{4}{5} \hat{Y}$$

$$\vec{E} = \frac{8 \text{ Ke } q}{125 \text{ } a^{2}} \hat{Y}$$

Pregunta 7.

$$F_{23} = \frac{3 qq ke}{\chi^2}$$
 $F_{13} = \frac{3 qq_1 ke}{4\chi^2}$
 $F_{13} = F_{13} = \Rightarrow 3q^2 ke = 3qq_1 ke$
 $= \frac{3qq_1 ke}{4\chi^2}$
 $= \frac{3qq_1 ke}{4\chi^2}$
 $= \frac{3qq_1 ke}{4\chi^2}$