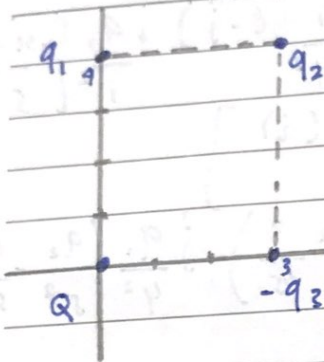


Nama: ZELEONITA WIDYA
NPM: 2313022002

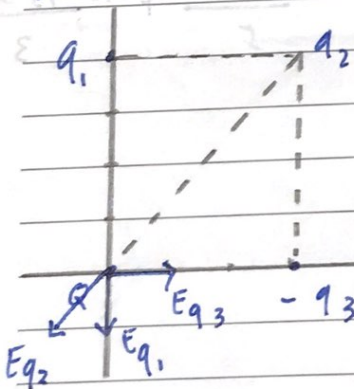
Date. :

No. :



- Hitung medan listrik dititik (0,0)
- Hitung gaya listrik dititik (0,0)
- Hitung potensial listrik dititik (0,0)
- Hitung usaha V memindahkan ke 4 mutasi tersebut

a) Medan listrik dititik (0,0)



$$E_p = k \left[\frac{q_1}{4^2} (-\hat{j}) + \frac{q_2}{5^2} \left(\frac{-3\hat{i} - 4\hat{j}}{5} \right) + \frac{q_3}{3^2} (\hat{i}) \right]$$

$$= k \left[(-\hat{i}) \left[\frac{q_2}{5^2} \left(-\frac{3}{5} \right) + \frac{q_3}{3^2} \right] + \hat{j} \left[\left(\frac{q_1}{4^2} \right) \frac{q_2}{5^2} - \frac{4}{5} \right] \right]$$

