Paßir pozitif bir negotif yeikten algany Elektrik Alada Bir Dipal:

Toplom Musuet = 0

Fret = 0

Tork # 0 = 7 × f

Stock with well part

Stock with part

Stock

J=2For.sin 0=2qEasin 0=pEsin 0=>pxE

1) Elektrik alona gerlestirilmig dipole etkigen tork an alor abgriltuura getimel izin sorlar. Dipalin yöninn degerneye zarlanmou du etkinin bir ip yaptığını gösterir Bu sé batourins sualisis na la paper.

 $W = \int_{0}^{\infty} \int_{0}^{\infty}$

W=NU=-PECOND-(-PECONDO)

$$O_0 = 90$$
 seconde $U = -\vec{p} \cdot \vec{E}$

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Dir elektrik dipolin her bir yükinün biyikliği q=1+10 Ccalas tur. Dipol E=1+10 N/c sidetinkli bir den koyuluyar.

a-) Alann dipde agarbadzi torkun an biyaik degeri nalini b-) Dipalun bir uztan diger wa dishmesi ipin ne badik is yapılmalıdır? Q =0 alınız.

-ac ta ta -a

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$$\alpha^{-}) = \frac{2e}{l}$$

$$\lambda = \frac{2e}{l}$$

$$E_{abb} = \begin{cases} 2e & 2e \\ 2e & 3e \end{cases}$$

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$$\frac{E_{\zeta} = \frac{3k\alpha}{2l^2}(-j)}{\frac{2l^2}{\sqrt{2l^2}}}$$

C-) Proktoura - 2a gerlesticilise isaine
ettigen touret noin? * (was gerlesticilen - 2a gistere ettiledigi

knowet boson 2H iparetlisidis.

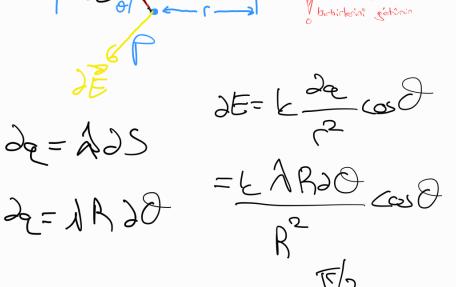
$$\vec{F} = q. \vec{E} \rightarrow -2e \frac{3ke}{2l} (-\hat{5}) = \frac{6ke^2}{2l^2} = \frac{3ke^2}{2l^2} \hat{5}$$

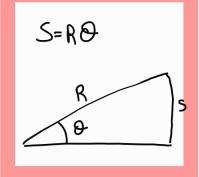
1-) Uzudugu 25, yili of op pir bould

Birin bopne - sizen 3th mikken

Scilic.

-3e





$$E_{+3} = \int JE_{+3} = \frac{EA}{R} \int JO_{cos} Q = \frac{EA}{R} \left(s_{in} \frac{T}{2} - s_{in} \frac{T}{2} \right)$$

$$E_{+3} = \frac{\xi \Lambda}{R} = E_{-3}$$

$$E = E_{+3} + E_{-3} = \frac{2kA}{R}$$

$$A = \frac{\partial Q}{\partial S} = \frac{3e}{2\pi R} = \frac{6e}{R} = \frac{2e}{R}$$