'cs an tec up Smg to res at a ie anc ...... awa er w YIT E is Call pol. space." re Monday Units Where 9 m orc In meters (m) sta Newtons and 00 B N m ence 6 ne 000 to true 030 10 non

As It is the separation vector from I'l the location of 2) to r (the location of Q):  $\vec{r} = \vec{r} + \vec{r} +$ I is its magnitude and i is its direction The force points along the line form 9 to Q; lit is nepulsive if 9 and Q have the same Sign and attractive if their signs are opposite esday Electric Field Intensit Wednesday twe have Several point changes 1, 92, 9, at distances 9, 1, 92, 9, on from Q, the total force on Q is evidently.  $\vec{R} = \vec{R} + \vec{R} + \cdots$ F - 1 - (º. Q) HTTE, (- v. Q) e. Q. Si, - $\overrightarrow{P} = \underbrace{Q}_{i_1} \underbrace{\left( \underbrace{h_1}_{i_2}, \widehat{h_1} + \underbrace{h_2}_{i_2}, \widehat{h_2} + \cdots \right)}_{i_1}$ 

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