NEEK 2 (FACE 2010) [LAST WEEK 23.1 75.4]
23.2 23.6

LAST TIME
23.3 23.7]

4nd Mehrer Anglice

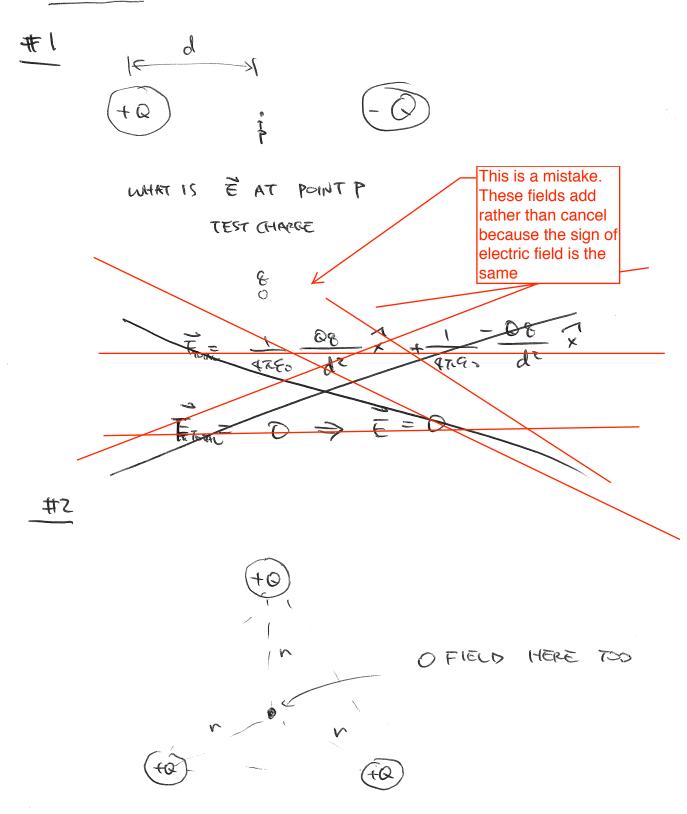
ACTIVE FIGURE 23.11

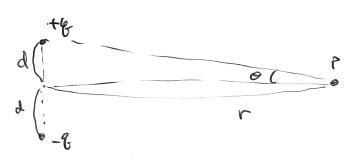
POINTS RADIALLY OUTUARD"

ACTUE PLOURE 33.22 ALSO

O.K. ONE CHARGE ONLY IS EASY, BUT WHAT HAPPENS IF THERE

EXAMPLE





WHAT IS THE ELECTRIC FIELD AT POINT P?

(E+1 = 1 F (Tr2+dx1)2 = 1E-1

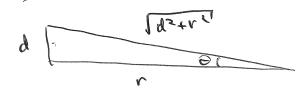
(E-E+)

(E-E+)

(E-E+)

(F-AE+)

(F-



$$|\vec{E}_{t} + \vec{E}_{y}| = 2 \vec{E}_{1y} = 2 \cdot \frac{1}{4\pi \epsilon_{0}} \frac{\epsilon}{r^{2} + d^{2}} \frac{d}{r^{2} + d^{2}}$$

$$= \frac{1}{2\pi \epsilon_{0}} \frac{\epsilon_{0} d}{(r^{2} + d^{2})^{2} \epsilon_{0}}$$

ELECTRIC PIPOLE

$$\frac{1}{6}$$

$$\frac{1}{6}$$

$$\frac{1}{6}$$

$$\frac{1}{6}$$

$$\frac{1}{6}$$

$$\frac{1}{6}$$

$$\frac{1}{6}$$

$$\frac{1}{6}$$

$$\frac{1}{6}$$

$$\frac{1}{6}$$