

CONTINUE WITH INTEGRAL: = \$ -\frac{1}{4ttE0} \frac{1}{4ttE0} \left(-\frac{p^2}{4^2}\right) dt $= -\int_{t=0}^{t} \frac{1}{4\pi\epsilon_0} \left(\frac{P}{t}\right)^2 dt = -\int_{t=0}^{t} \frac{1}{4\pi\epsilon_0} \left(-\frac{1}{P}\right) dt = \int_{t=0}^{t} \frac{1}{4\pi\epsilon_0}$ (ANOTHER THEAMETHIZAMION) (NOT PRACTICAL, SURE SURE SOLVE ON) E RUNING FROM O TO -1 1-(+)= (=+,0,0) V= - To dt = - To the to de = - To the to de to APPROJECULAGE P FROM DE AXIS. $= -\int \frac{d}{4\pi\epsilon_{0}} \left(-\frac{7}{\epsilon}, 0, 0 \right) \frac{d}{d\epsilon} \left(-\frac{7}{\epsilon}, 0, 0 \right) d\epsilon = -\int \frac{d}{4\pi\epsilon_{0}} \left(-\frac{7}{\epsilon}, 0, 0 \right) d\epsilon = -\int \frac{d}{4\pi\epsilon_{0}} \left(-\frac{7}{\epsilon}, 0, 0 \right) d\epsilon$ $= -\int_{4\pi \epsilon_{0}}^{4\pi \epsilon_{0}} \left(-\frac{p^{2}}{t^{3}}\right) - \frac{1}{3}dt = -\int_{4\pi \epsilon_{0}}^{4\pi \epsilon_{0}} \left(-\frac{p^{2}}{t^{3}}\right) \left(-\frac{p^{2}}{t}\right) \left(-\frac{p^{2}}{t}\right$ Ltisa, se 7 15 #3 15 EXTECTED TO BE. $=-\int_{4\pi\epsilon_{0}}^{4\pi\epsilon_{0}}\left(-\frac{t^{2}}{t^{2}}\right)\cdot\frac{1}{t^{2}}dt$ 15 IT EXPECTED TO BE THOUGH FOR

