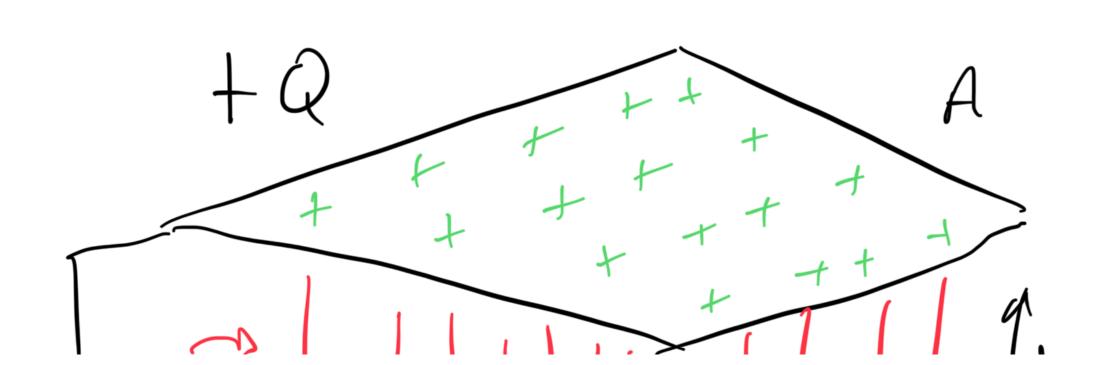
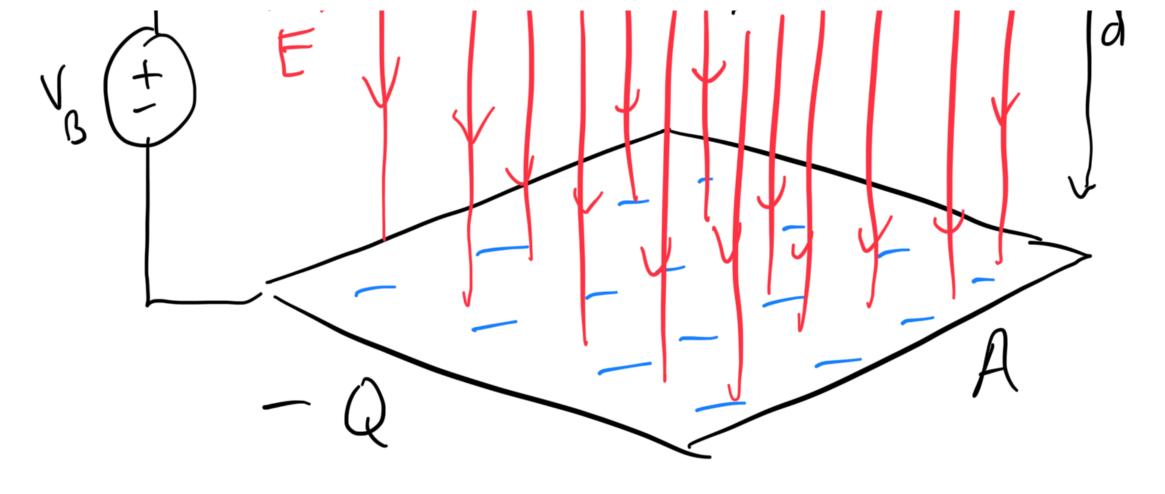
Physics 202-Weekb.1

Midterm 1

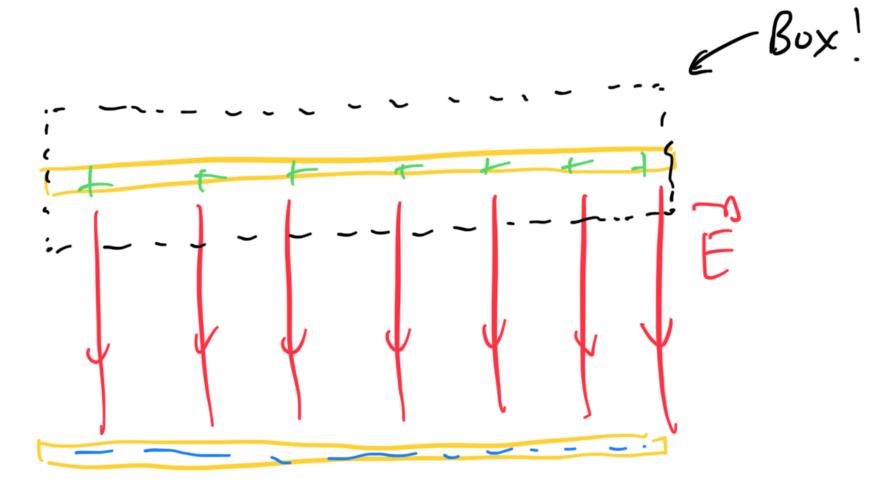
- grades are posted on WebAssign
- Class average 70.4%. (B-)
- overall class average (HW+Test)
 - = 76.5°/. (B/B+)
- I am pretty happy with those Numbers!! Nice Work!!





Mhat we know:

L Gauss's Law! \Nhet is |E")?



 $\Phi_{E} = \frac{Q_{MS:de}}{Z_{o}} = \frac{Q}{Z_{o}}$ RHS:

 $\begin{cases}
E' \cdot dA' = |E'| \cdot A \\
S = S
\end{cases}$ LHS:

So
$$|E'| = \sum_{s \in A} |Sulpe| = \sum_{s \in A} |Sulp$$

 $= \frac{\sum_{\delta} A}{A}$

1 Nhance:

$$Q = C \Delta V$$

$$\begin{bmatrix} C \end{bmatrix} = \underbrace{\begin{bmatrix} \mathcal{E}_0 \end{bmatrix} \cdot \begin{bmatrix} A \end{bmatrix}}_{\text{N·m}^2} = \underbrace{\frac{C^2}{N \cdot m^2}}_{\text{N·m}} = \underbrace{\frac{C^2}{J}}_{\text{N·m}} = \underbrace{\frac$$