$$W_{fe}^{ab} = -W_{fext}^{ab} = 90 \int_{a}^{b} \vec{E} \cdot d\vec{l}$$
(cuasient.)

$$\Delta V^{ab} = V(b) - V(a) = -\int_a^b \bar{E} \cdot d\bar{l}$$
;  $\bar{E} = -\bar{\nabla} V$ 

$$\Delta V^{ab} = V(b) - V(a) = \frac{q}{4\pi \mathcal{E}} \left( \frac{1}{r_b} - \frac{1}{r_a} \right) \qquad 1 \text{ carga } q \qquad (2)$$

$$\Delta V^{ab} = V(b) - V(a) = \frac{1}{4\pi \mathcal{E}} \left[ \frac{1}{|\vec{r}_b - \vec{r}_i|} - \frac{1}{|\vec{r}_a - \vec{r}_i|} \right] \qquad q_i \qquad q$$

1V: Diferencia de potencial > sóle rálida dist. acotedos

T- 202021



