

WORK DONE

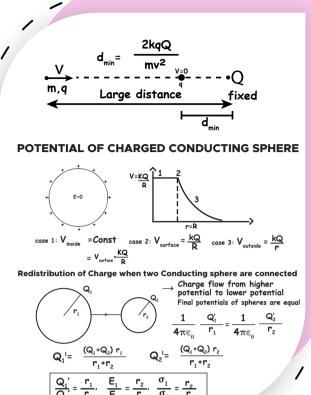
$$V_A \rightarrow V_B = Q[V_B - V_A]$$
 $V_A \rightarrow V_B = V_B - V_A$
 $V_A \rightarrow V_B = V_B - V_A$
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Superposition of potential - Algebraic sum of all potentials

ZERO POTENTIAL

- a) Like charge-no zero potential point
- b) Unlike charge- 2 points of zero potential on line joining

Inside point =
$$a = \frac{Q_2 r}{Q_1 + Q_2}$$
 Outside point = $b = \frac{Q_1 r}{Q_1 - Q_2}$



ELECTROSTATICS

