

Electricity and Magnetism

Enduring Understanding- The electric potential changes when work is done.

Essential Questions

- 1. Who or what is doing the work?
- 2. How is the total potential from two or more charges calculated?
- 3. Can you have an electric field and no electric potential; can you have an electric potential and no electric field??
- 4. How important is symmetry in the derivation of an electric potential?
- 5. How should you set up the integral to find ΔV ?



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