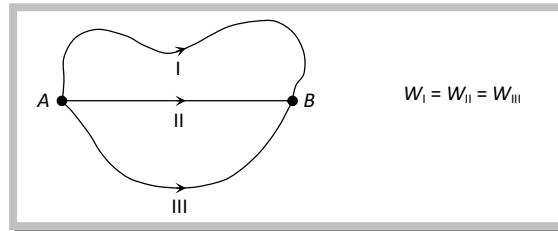


Conservation of Electric Field.

As electric field is conservation, work done and hence potential difference between two points is path independent and depends only on the position of points between. Which the charge is moved.



Concept



☞ No work is done in moving a charge on an equipotential surface.