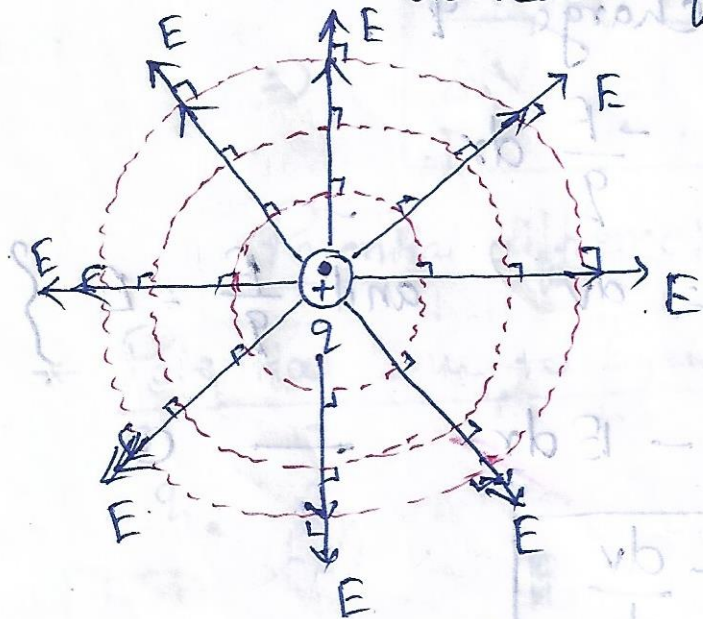


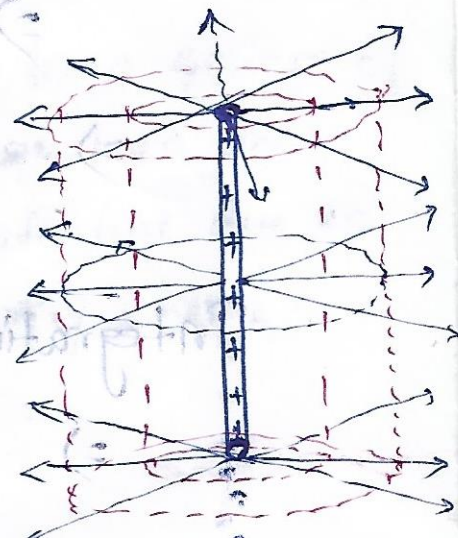
* Equipotential Surface → It is surface over which potential has a constant value. For a point charge concentric spheres centered at a location of the charge are Equipotential Surface.

→ The Electric field E at a point is perpendicular to the Equipotential Surface the point.

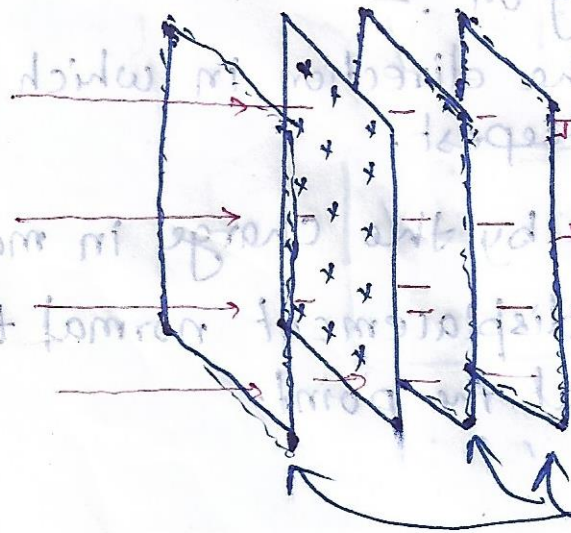
→ E is in the direction of the steepest decrease of potential.



→ Equipotential Surface due to line charge. Become in cylindrical shape.



→ Equipotential Surface due to Surface Charge as a planer surface.



Equipotential Surface