College: Marwari College, Darbhanga

Subject: Physics (Hons.)

Year: D-I

Paper: II

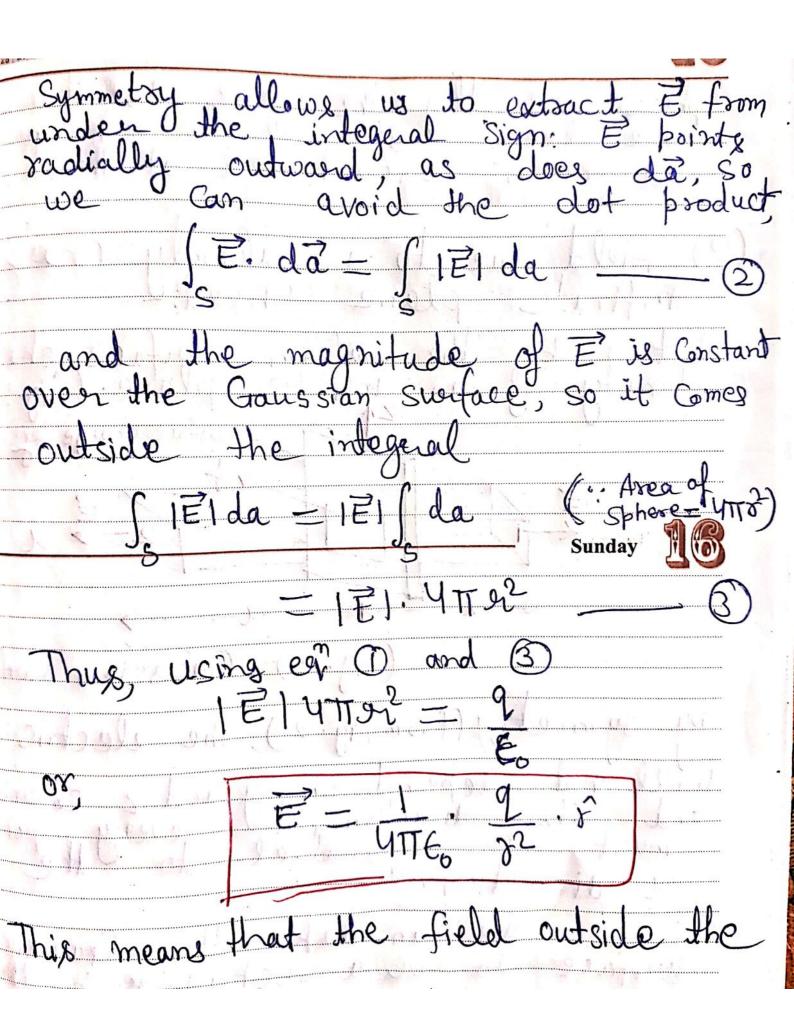
Group: B

Topic: Applications of Gauss's

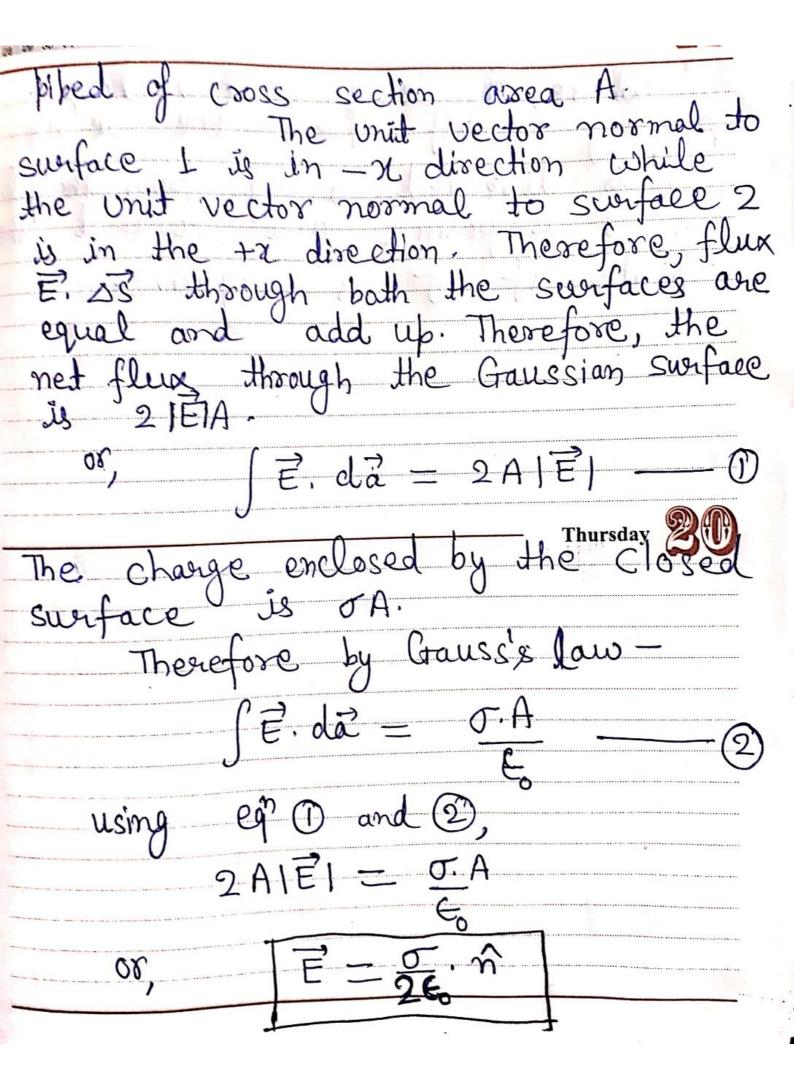
Theorem

Author: Dr. Amit Kumar Singh

Lecture sequence number: 18



Sphere is exactly the same as it would have been concentrated at the center. due to a uniformly Dlane Sheet: to be the uniform surface fig. 2) > Gaussian surface from fig. 2), the electric surface to be a rectangular parallele



where, is a unit vector cointing away from the Surface. It is directed away from the plate if I is positive and toward the plate blate if I is negative.