

17차시 강의

전하와 전기장, 쿨롱의 법칙, 전위

유니스터디 박효철 강사





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First 전기장?

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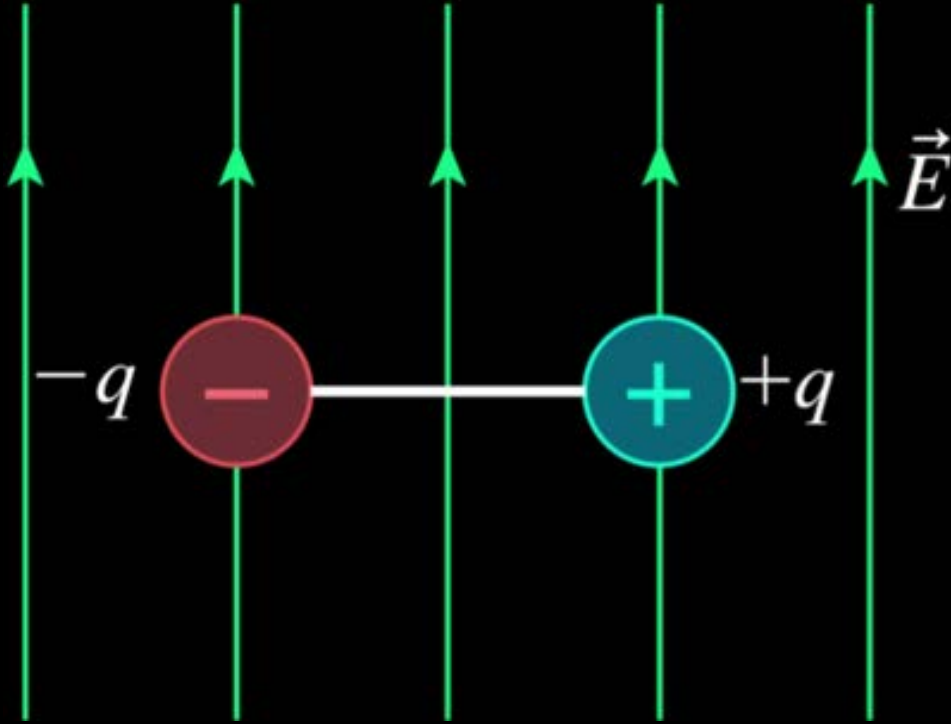
Third 저항? 축전기?



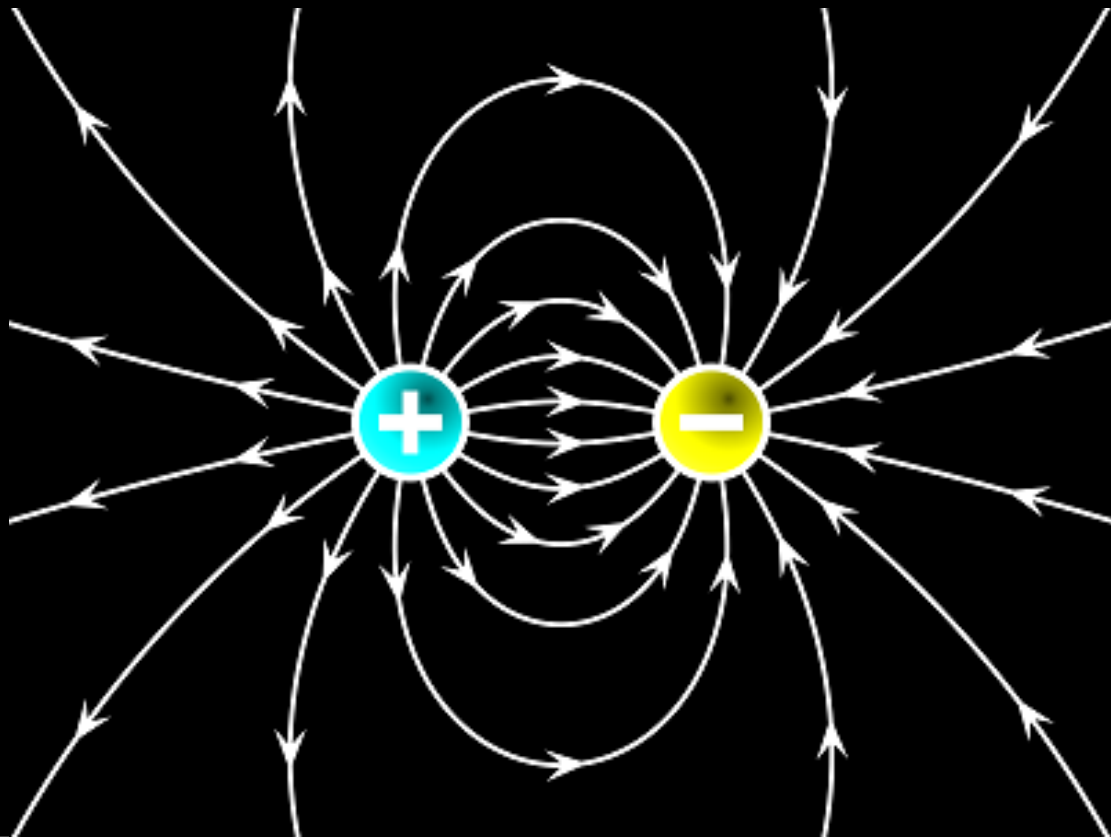
전기장?

전하와 전류

전기장?



전기력선?

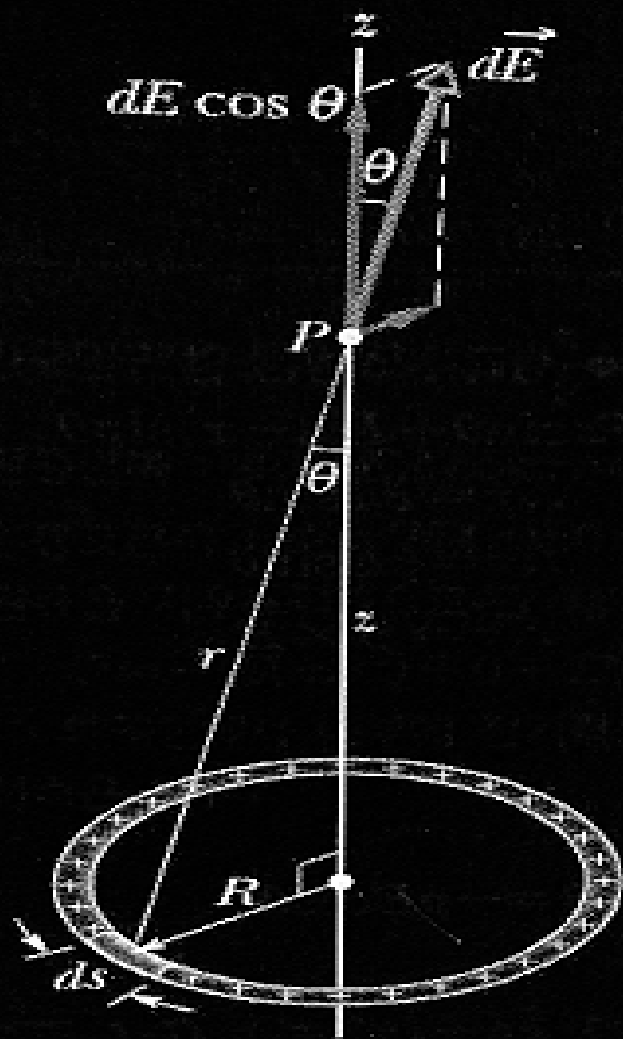


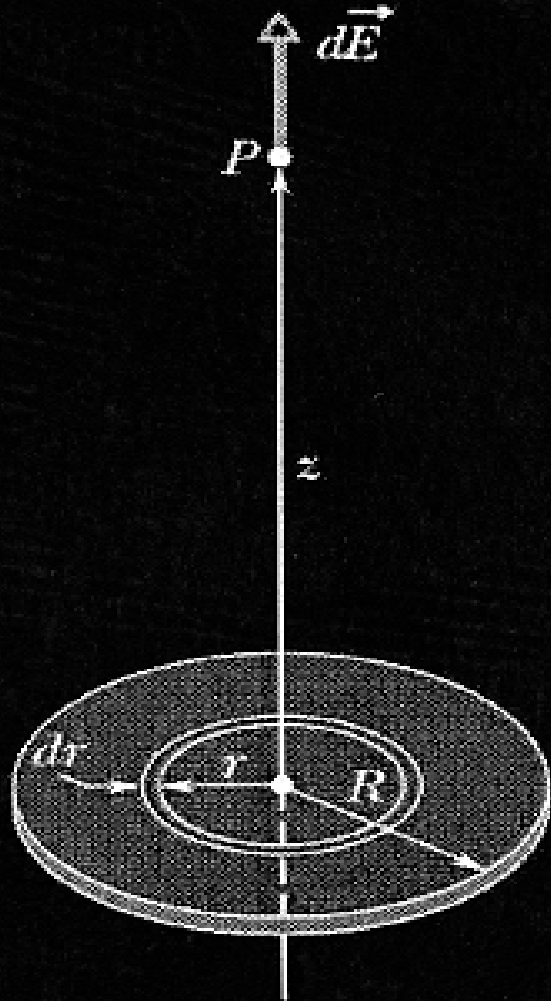
전기장의 크기?



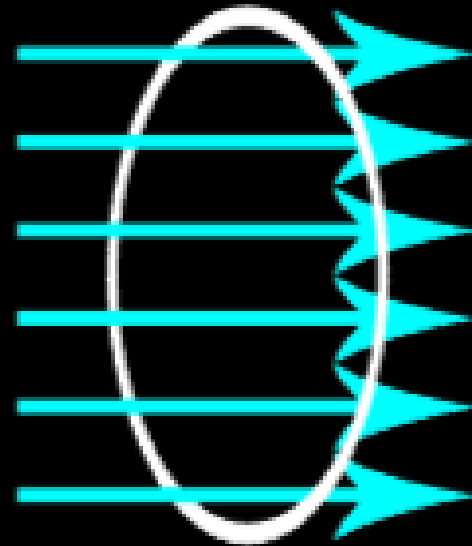
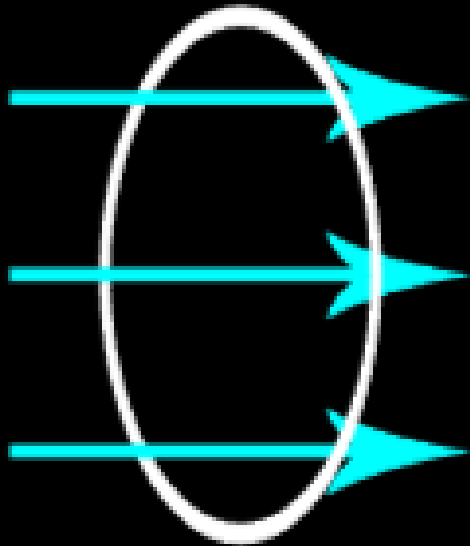
쿨롱의 법칙?

사실 전기장의 계산과정이다!





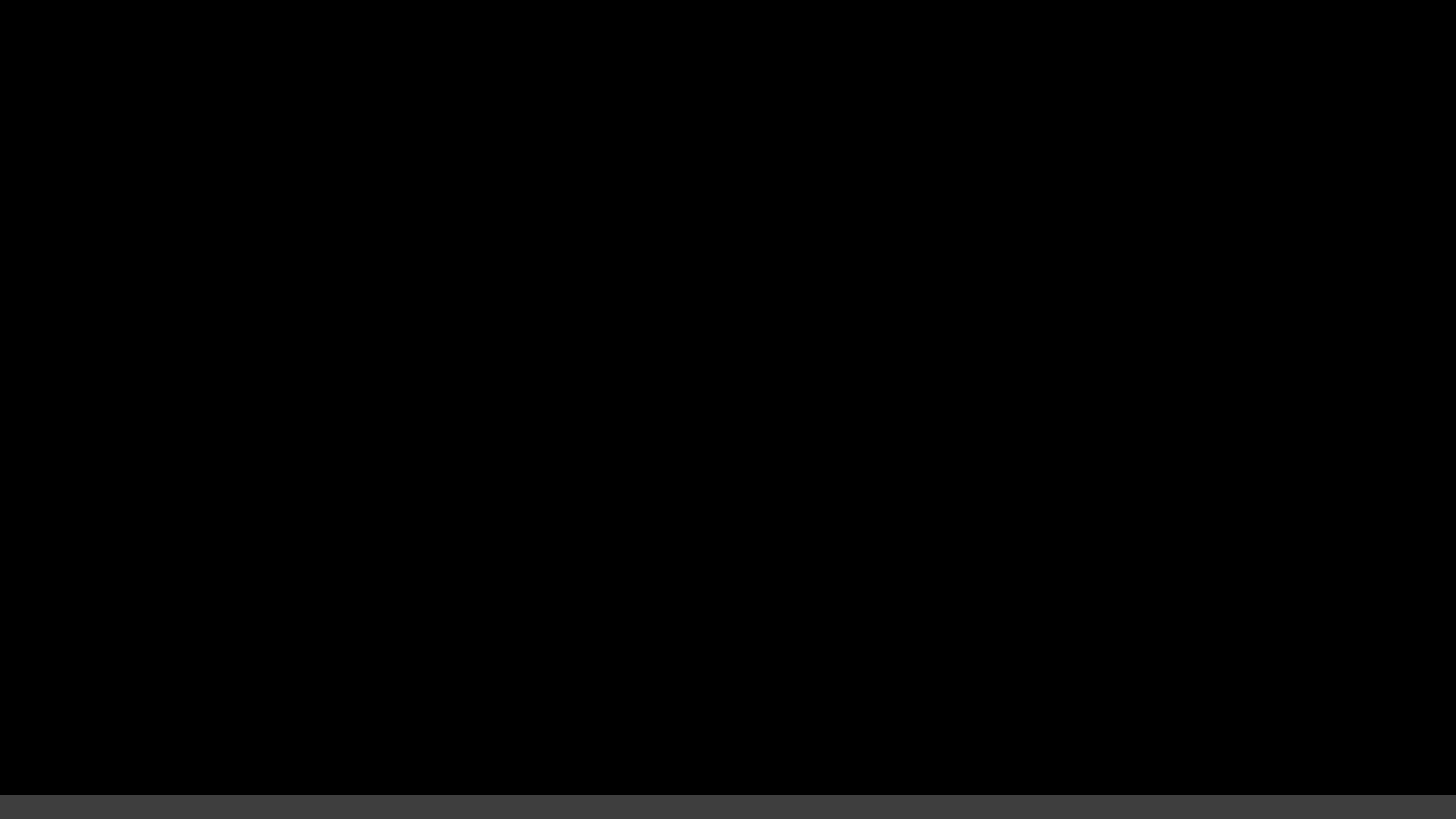
전기선속?

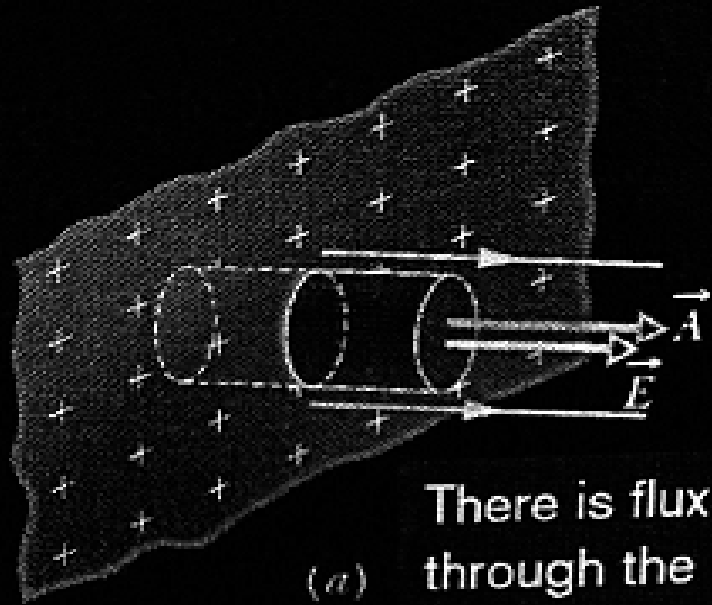


Flux is proportional to the density of flow.

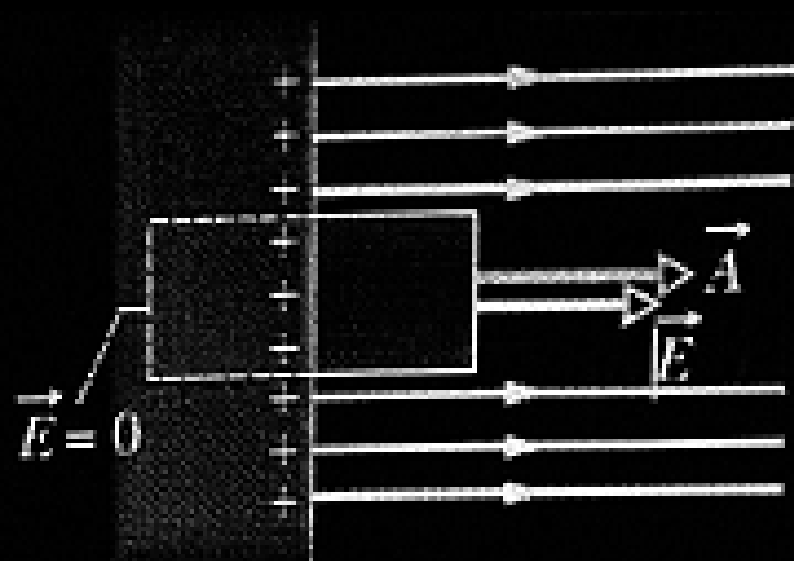


가우스 법칙?

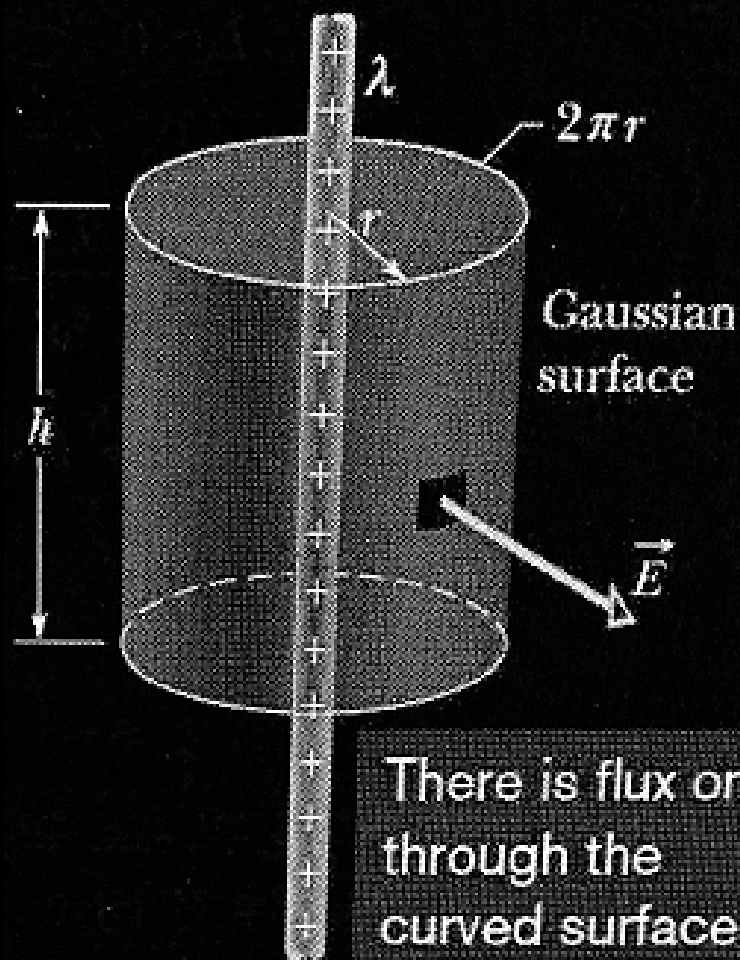




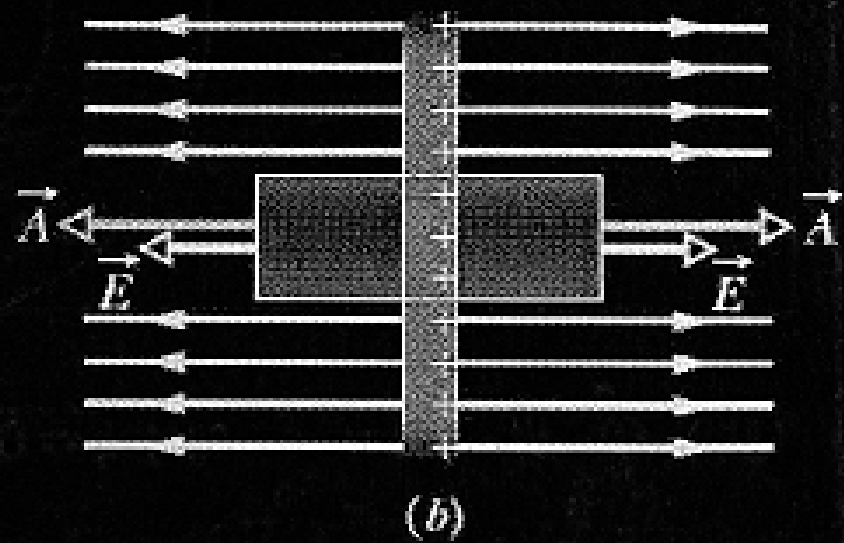
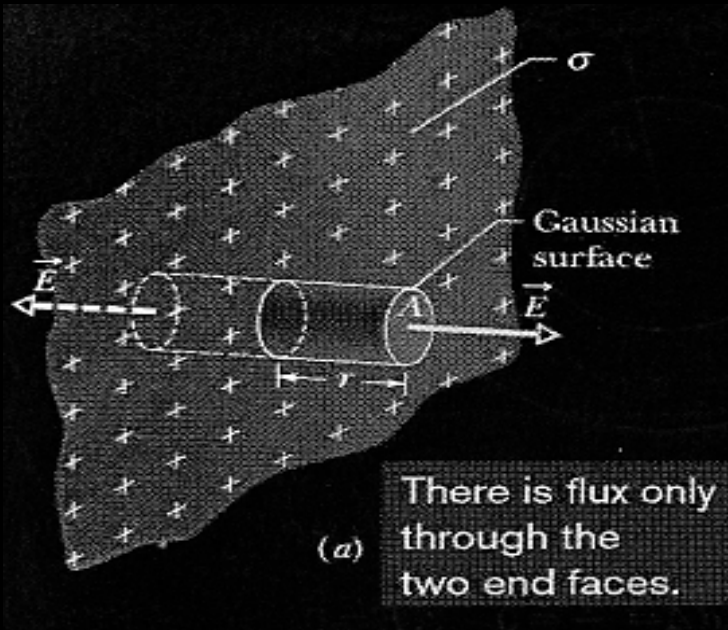
(a) There is flux only through the external end face.

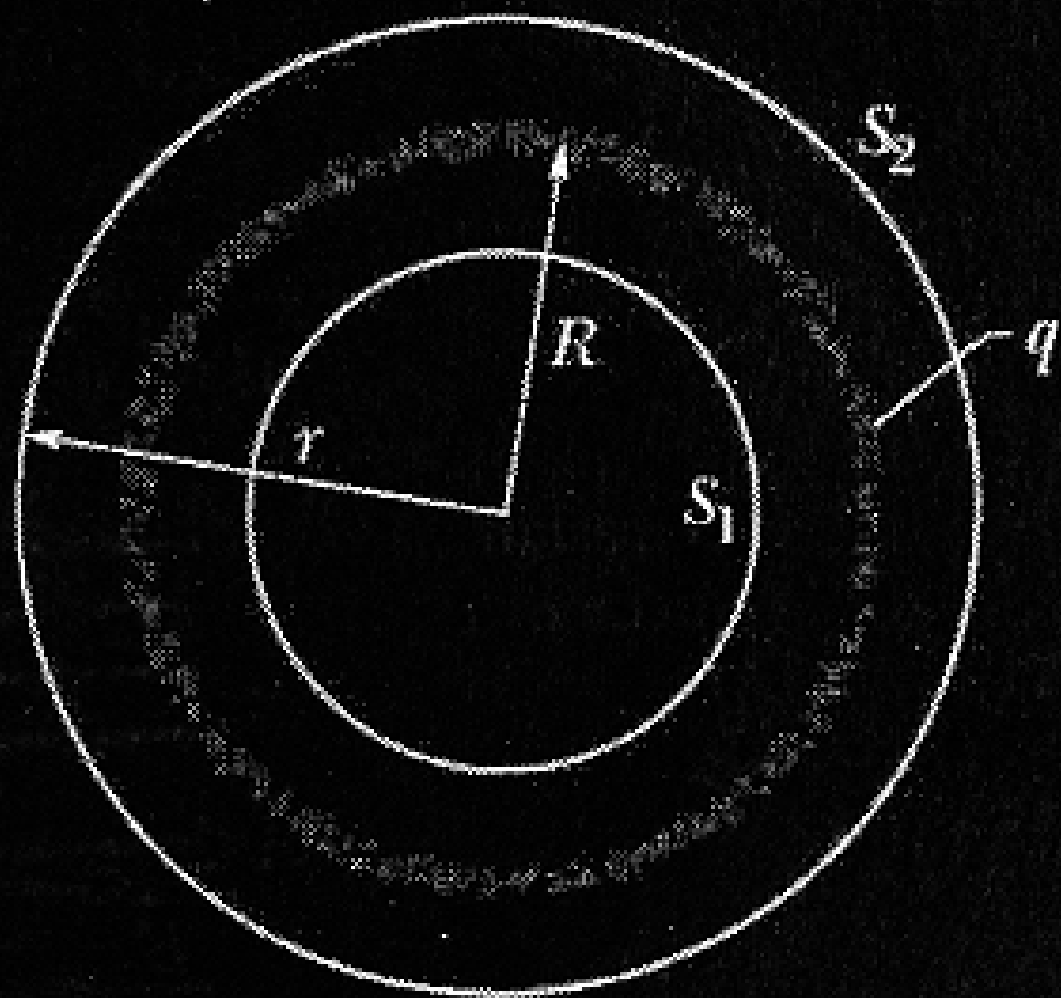


(b)



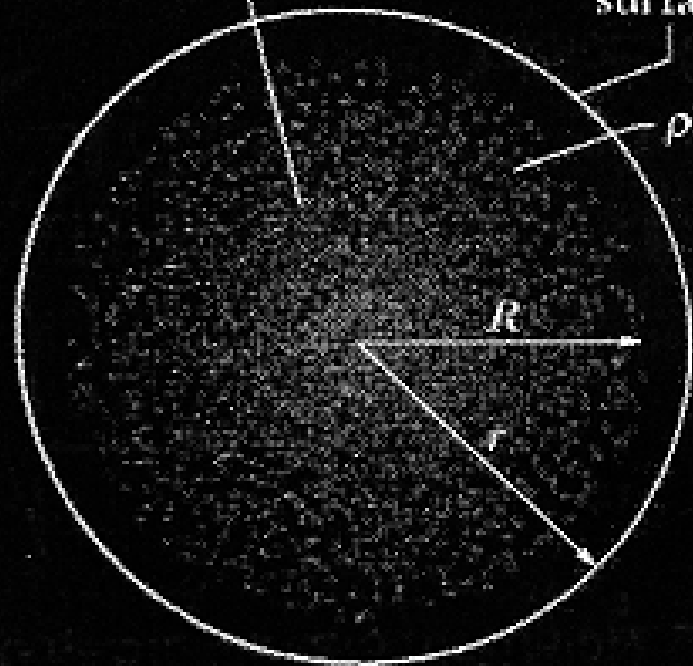
There is flux only
through the
curved surface.





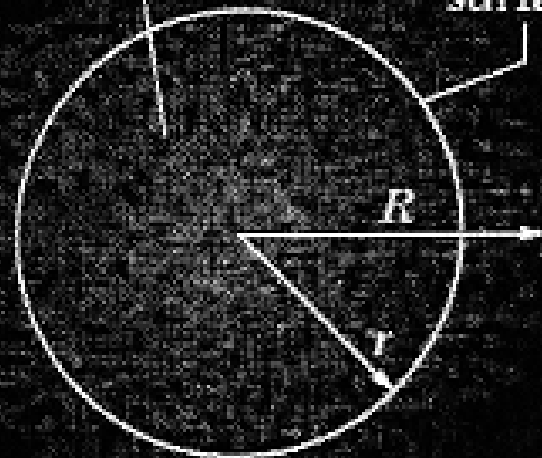
Enclosed
charge is q

Gaussian
surface



Enclosed
charge is q'

Gaussian
surface





전위?

전기 퍼텐셜 에너지? 전기 퍼텐셜?



저항?

전기저항

옴의 법칙



축전기?

뜻?

18차시 예고

전류와 자기장

감사합니다! 😊