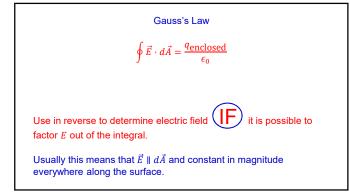




Gauss's Law

$$\oint \vec{E} \cdot d\vec{A} = \frac{q_{\text{enclosed}}}{\epsilon_0}$$

Closed surface Going out is defined as positive



Gauss's Law

- Three solvable symmetries

 Spherical today's lecture
 Cylindrical next lecture
 Planar

