







.. $f\vec{B}d\vec{l} = Mo \int \vec{J}(\vec{r})dz = \mu_0 Ioner.$ Amperes Law: $\nabla \times \vec{B}(\vec{r}) = \mu \cdot \vec{J}(\vec{r})$ With stationary charges & steady currents F.E= Eo É field diverges away from possitive charge È does not cerl ground FXE - O $\oint_{S} \vec{E} \cdot d\vec{a} = \oint_{E} \cdot \int_{V} \rho dV = \frac{\text{Revel.}}{E_{0}}$ Gaussis Law $\overrightarrow{B} = 0$ B does not divene B cords around current EXB = MOJ Birdi = Mo Jir Jir 22° = Mo Ieve Amperes Law