modern Classical Physics (home of Blandford) -Exercise 1.12: Faraday's law of juduction. VXE = - OB Stobes theorem] À. dé J.VXA. dÉ = V2 AD DOV2 circulation of A along DVz is Equal to the flux of VXA accross the surface Vz. Integrating Faraday's 10w: $\int_{V} \nabla x \vec{E} \cdot d\vec{z} = -\int_{0}^{\infty} \frac{\partial B}{\partial t} \cdot d\vec{z}$ $\int \vec{E} \cdot d\vec{\ell} = -\frac{\partial}{\partial \epsilon} \int \vec{B} \cdot d\vec{\xi}$ $\partial V_2 \qquad \qquad V_2$ feux of B accords Vz circulation of E along dVz. Rate of change of flux of Baccos (enf.)