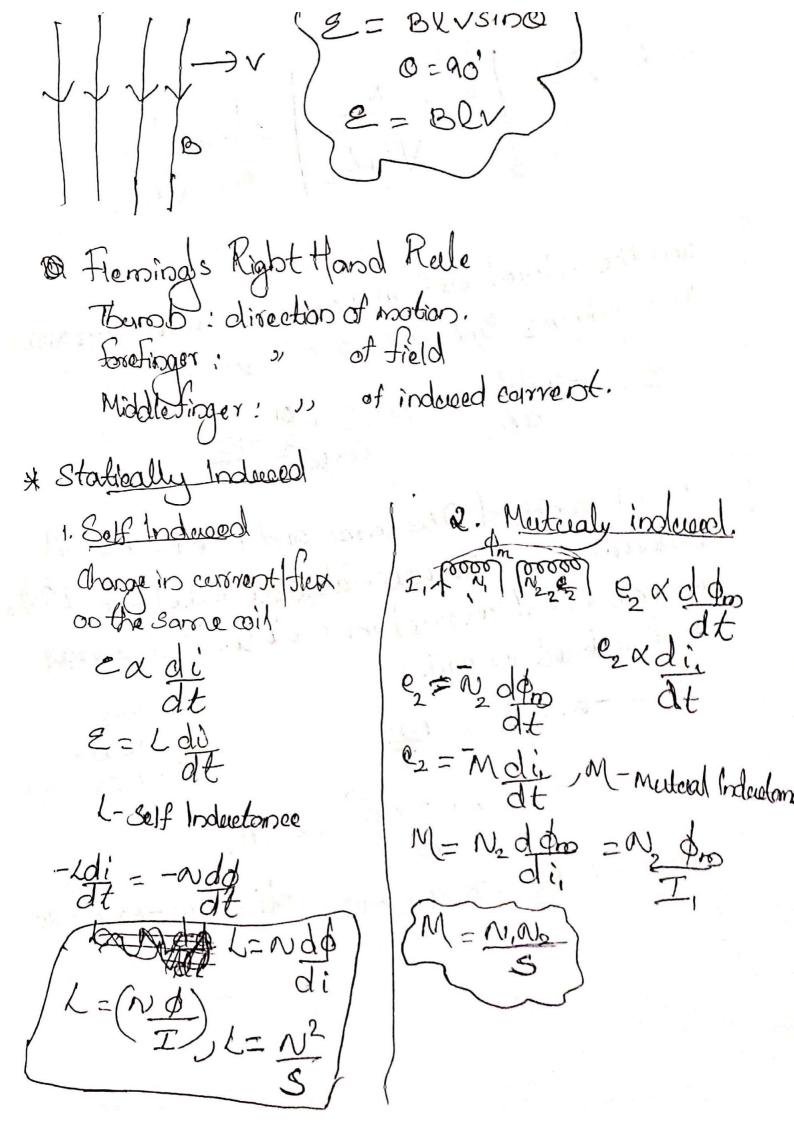
Electromagnetic Induction Process An error induced in a ort by changing flew.
Faradas laws
O First law: Whenever a change in flex there will be an induced errof.
@ Second Laco: This indecced enough a rate of charge of flux linkage.
at a points
$\frac{d}{dt}$ $e = \omega \left(\frac{d_2 - d_1}{t}\right)$
Leng's law
Direction of induced onst so as to appose the sharpe
$\mathcal{E} = -N \frac{dd}{dt}$

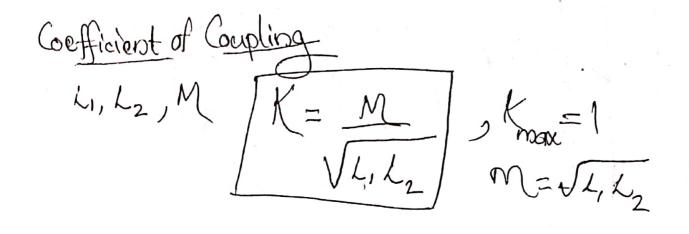
* Staticaly independent

* Conductor remains stationary

* Transformer

* relative motion of conductor





? Find the induced emf in a conductor, when it is notated in a constron B, \$=200000in 0.2 Sec. N=100

$$\mathcal{E} = -N \frac{dd}{dt} = -100 \times 2 \times 10^{-01}$$

$$2 \times 10^{-01}$$

Produceds $\phi = 1$ -ansub. Calculate inductorice. If the confinded in coil reversed in 0-00 sec. Find average

$$L = -N \frac{dd}{dt} = N \frac{d}{T}$$

$$= \frac{950 \times 1.2 \times 10^{2}}{10} = 0.9 \text{ H}$$

$$= 0.9 \text{ H}$$

e=-Ldi = Teraxuo distributa esta