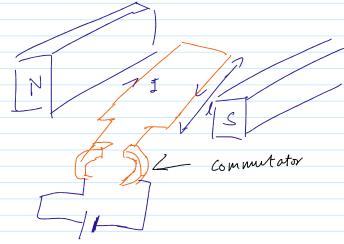
Motor Generator

03 March 2025

09:40

- Motor
- Generator
- Commutator Slip rings
- · Particle in EB field



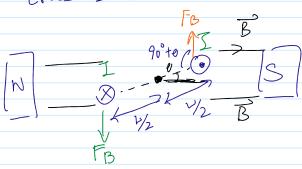
Motor

- 1 con
- @ Magnet
- 3) Commutator
- 4 Power Source.

For Ac:

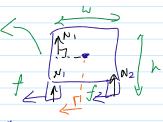
· Electro magnet Set up by the same al current

Cross sation



Multiple turns.

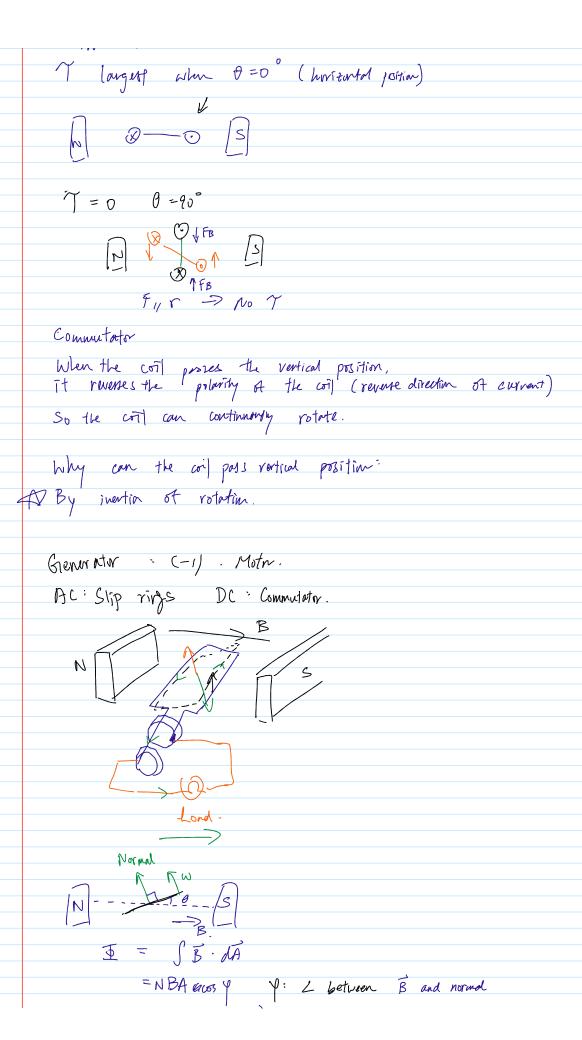
T larger when
$$\theta = 0$$
 (horizontal postion)

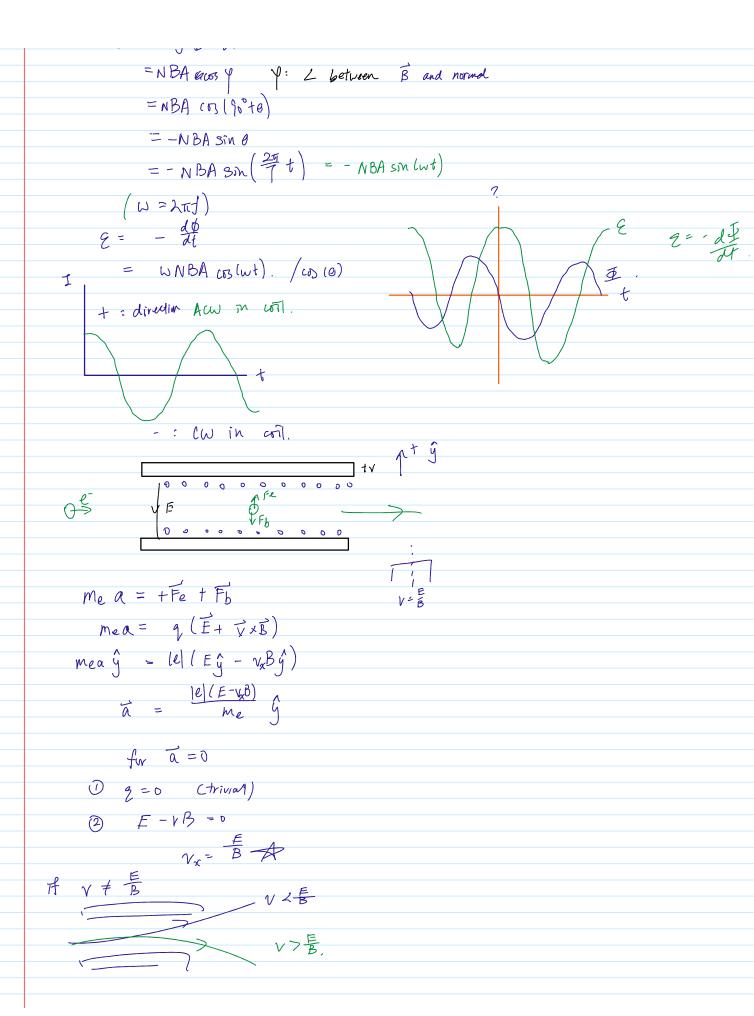


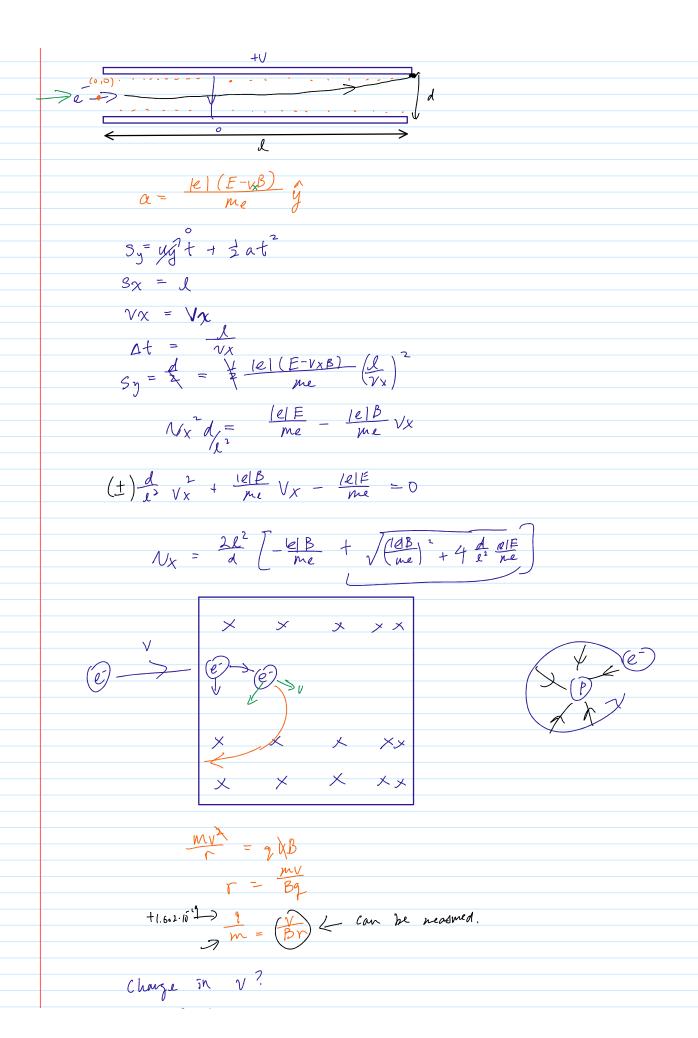
ACW = 2. 4 ACW = 2. 4

my h + NI = UN2

 $N_1+N_2 = ng$







Charge in
$$V$$
?

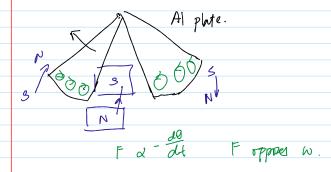
$$W = \int \vec{F} \cdot d\vec{s} \qquad \vec{F} \cdot \vec{s} + \vec{v}$$

$$= \int (\vec{v} \times \vec{s}) \cdot \vec{v} dt \qquad \vec{F} \cdot \vec{s} + d\vec{s}$$

$$= 0 \qquad 0$$

No charge in V .

Eddy current



Reduce eddy: laurinate

decrease area
for eddy cuments.