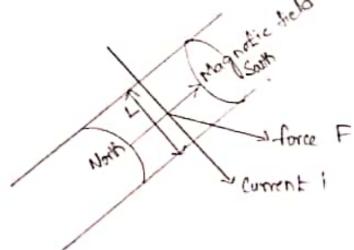
Eleming's Lett Hand Rule

when a current carrying conductor is placed inside

a magnetic field, a force acts on conductor in direction

perpendicular to both the current and magnetic-lield

directions.



F = BIL

flemings Left hand rule is mainly applicable to electric motors.

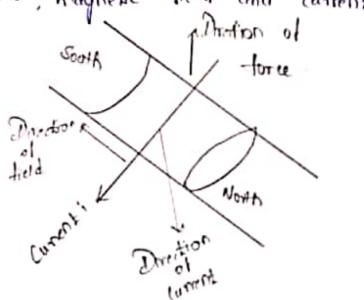
L= Length of conductor

H= magnetic -tield strength

21 = lumnL.

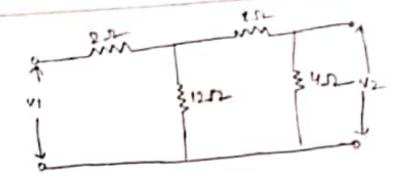
flernings Right Hard rule.

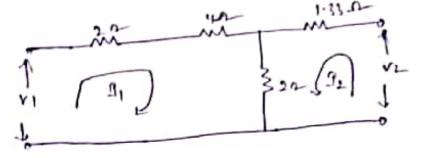
As per tanday's law of electromagnetic induction, whenever a conductor moves inside a magnetic field. There will be an induced current in it. It this conductor gets torcetully moved inside the magnetic field thore will be relation blue the direction of applied torce; magnetic tield and current



flerrings tight hand rule is mainly applicable to electric generators.

24

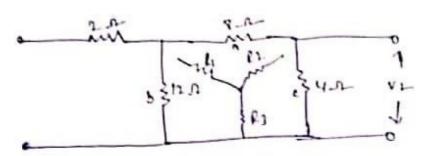




sub in ear 1)

10

ic



Converting delka to skal.

$$h_{21} = \frac{1}{3.33}$$
 $h_{22} = \frac{-2}{0.33}$