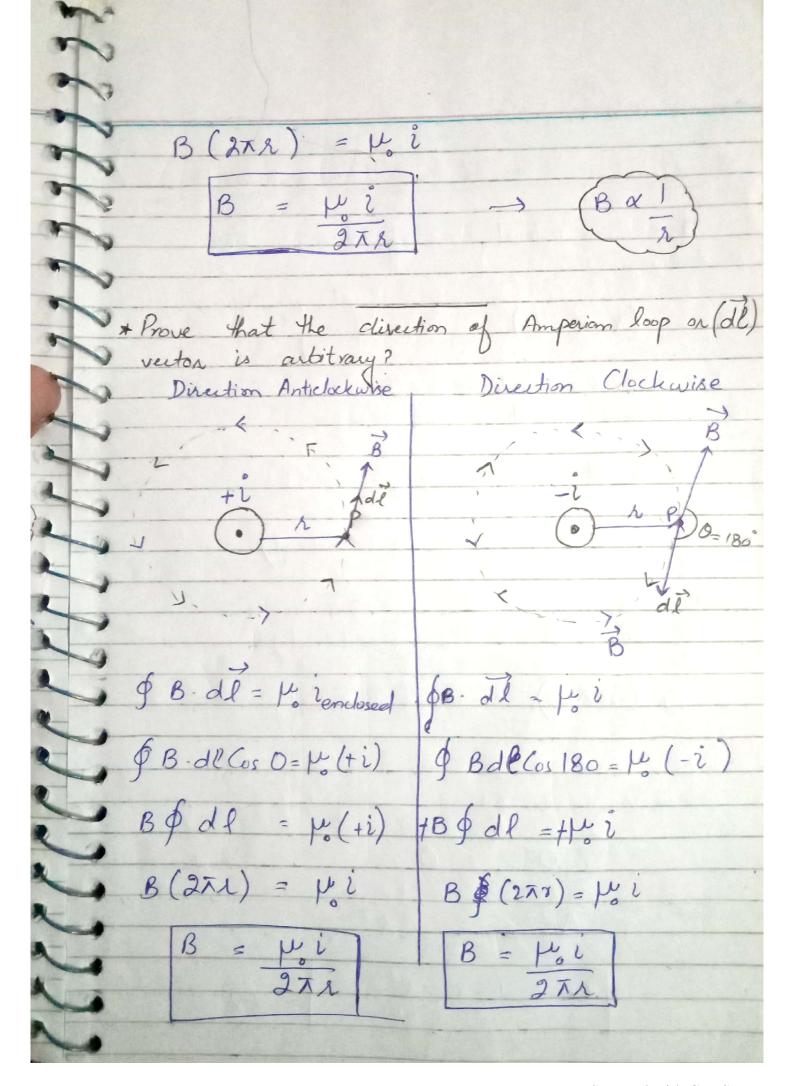
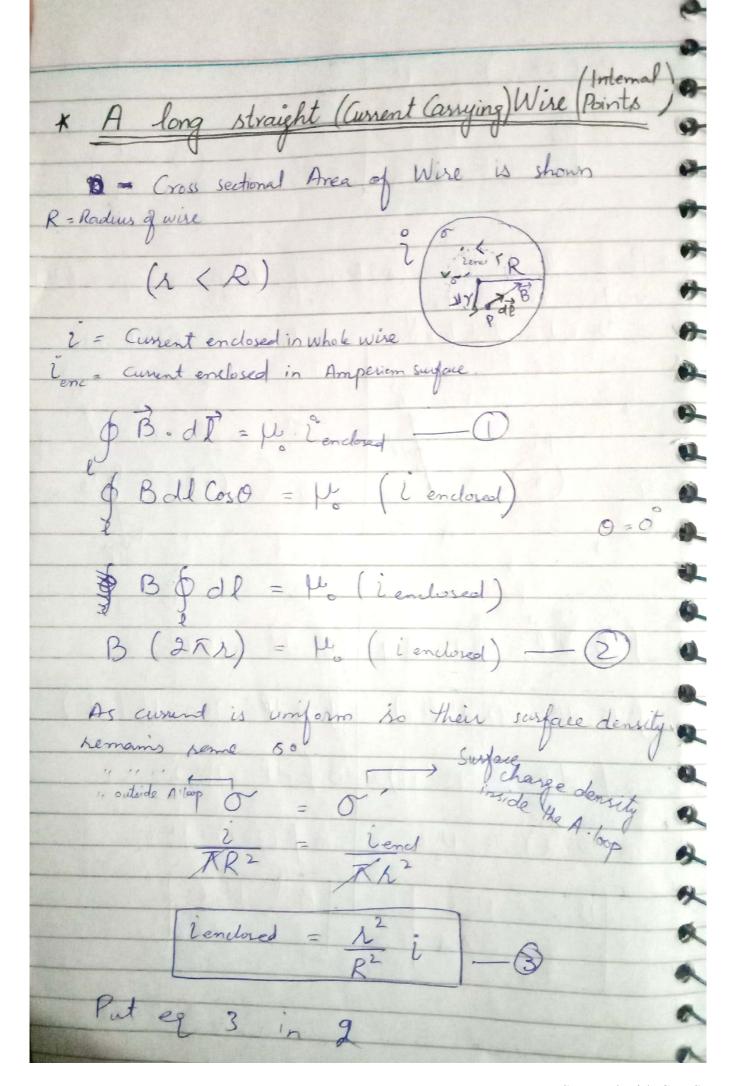
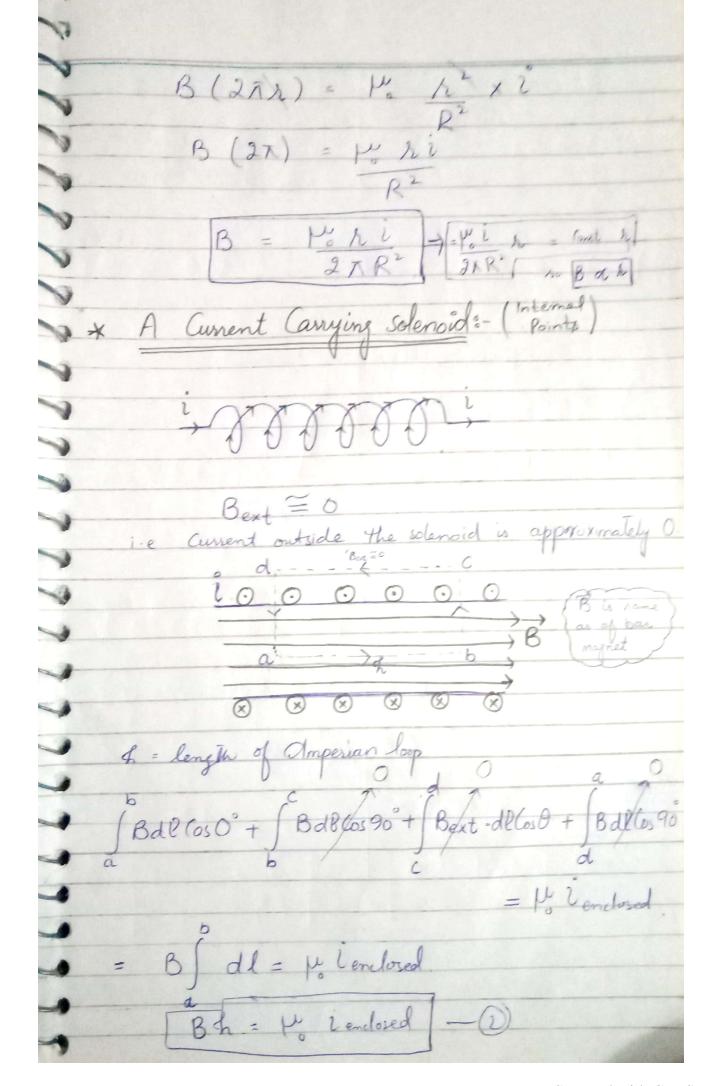
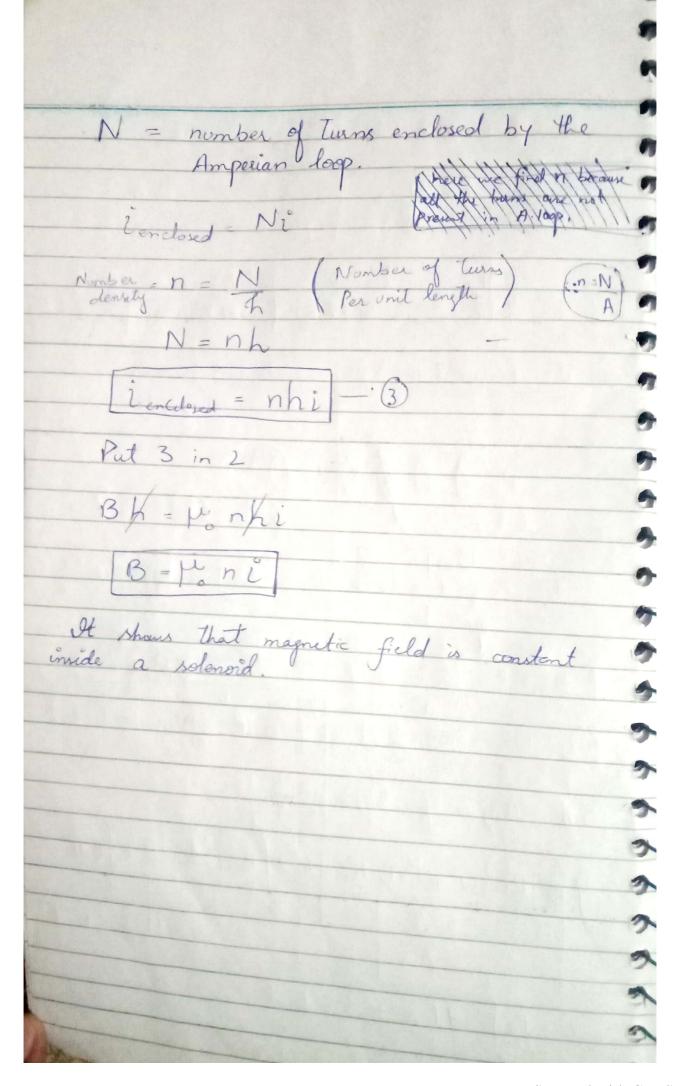


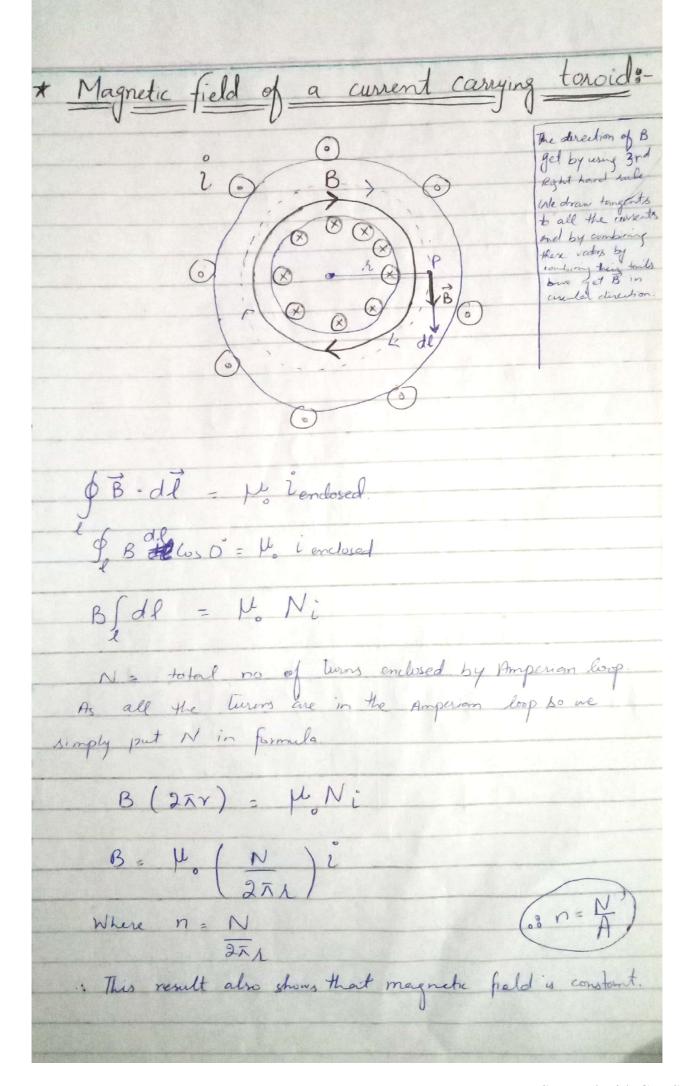
So from the grevious cares. Amperis, law Bdl(050 = H. (+i,-i,+i,-i4) , 9Bd llos 0 = 1. (i,-i Applications of Amperes law: * A long staight (current carrying) Wire: (External Point) & Bod & = Ho landowd. * The direction of B is token by Applying right hand rule (2). This direction as not of our choice. * We take the direction of de Antideclauise is the agent hand rule (3) . The ament Bdl Cos 0 = Ho Condosed \$ Bdl (000 = 14 (+i) odl , pez

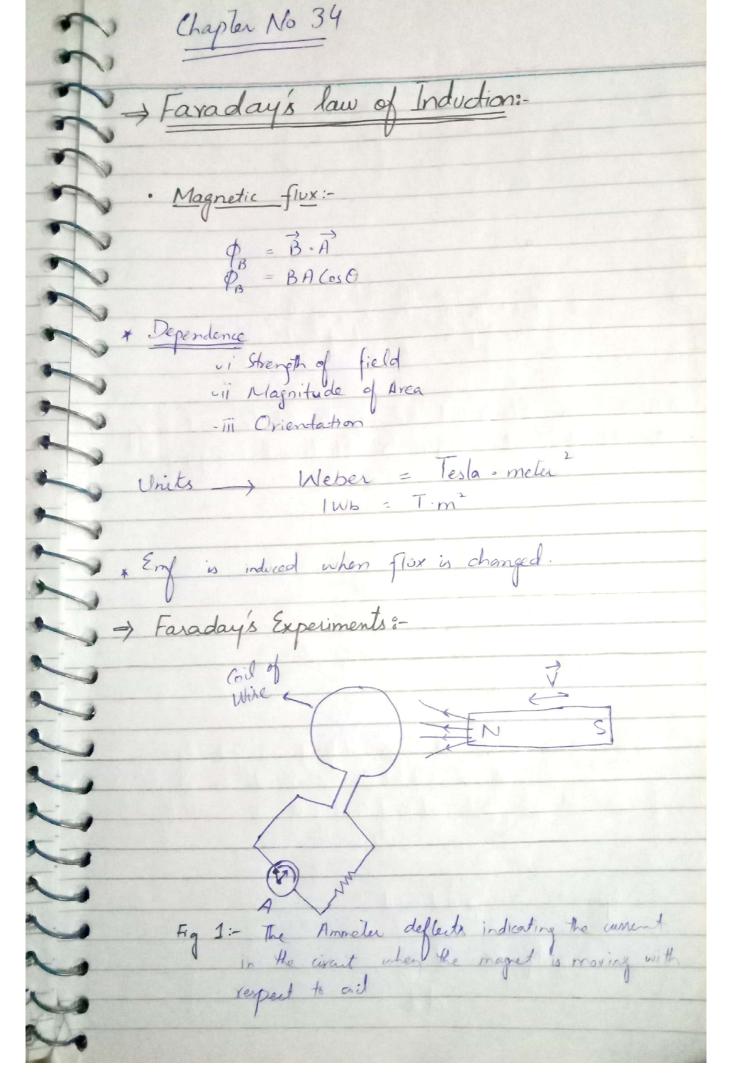


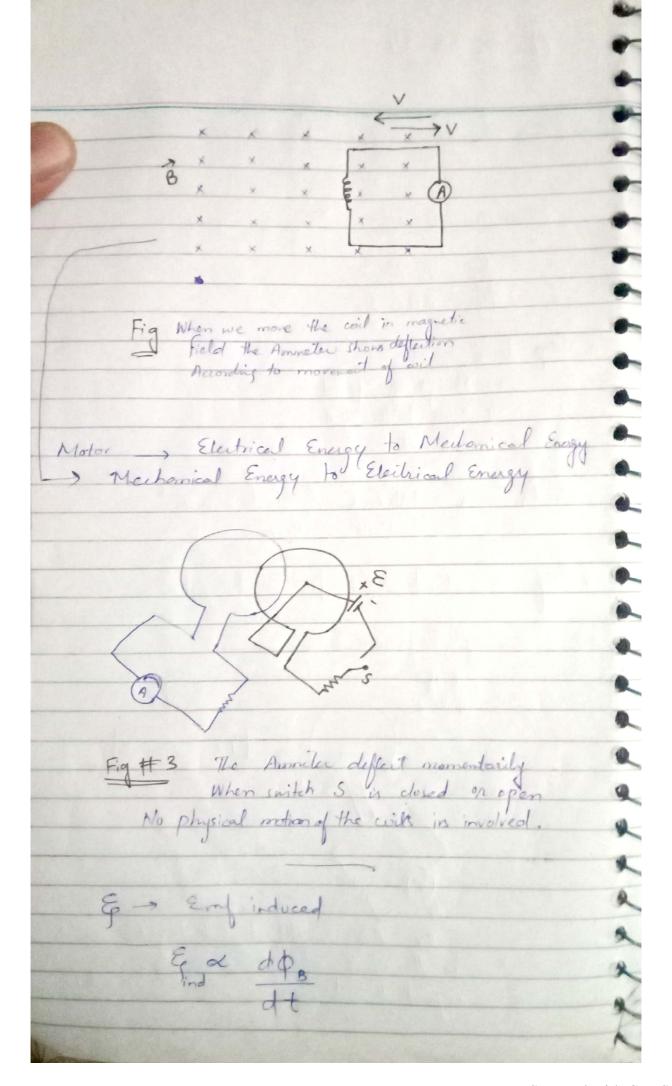












his we sign as explained by lens's law The flux of the magnetic field due to induced current opposes the change in the * if the change in flux is increase (cause is increase