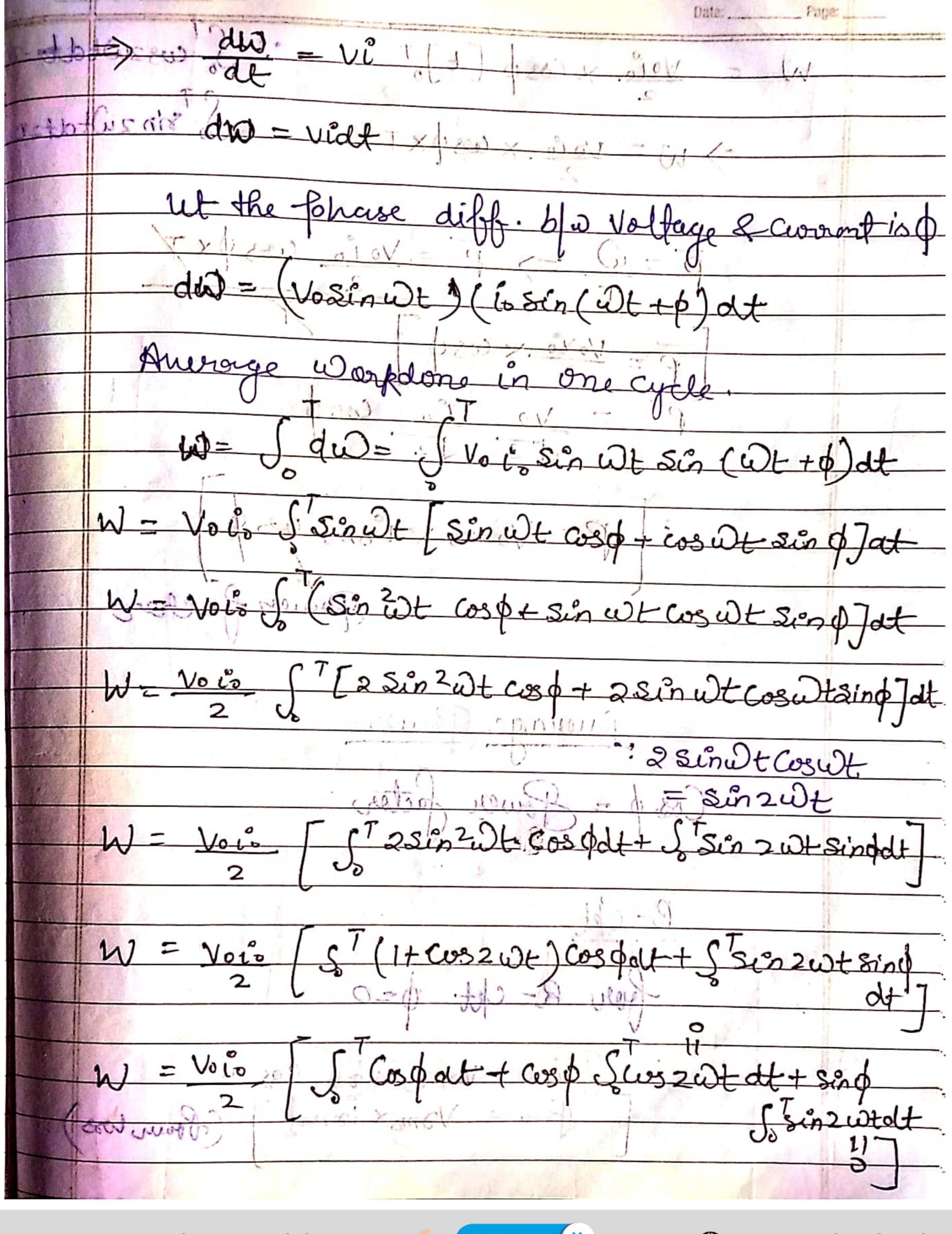
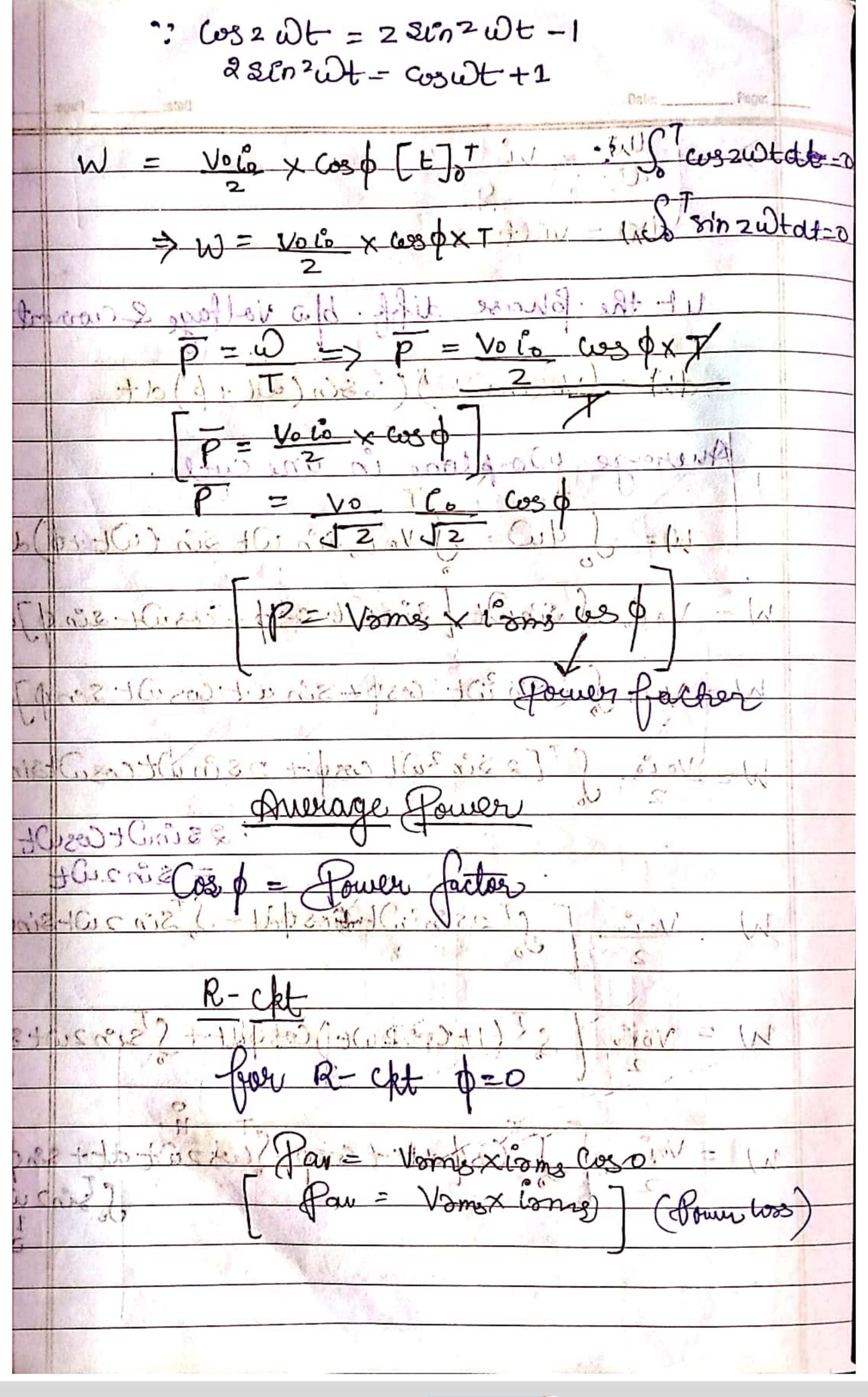
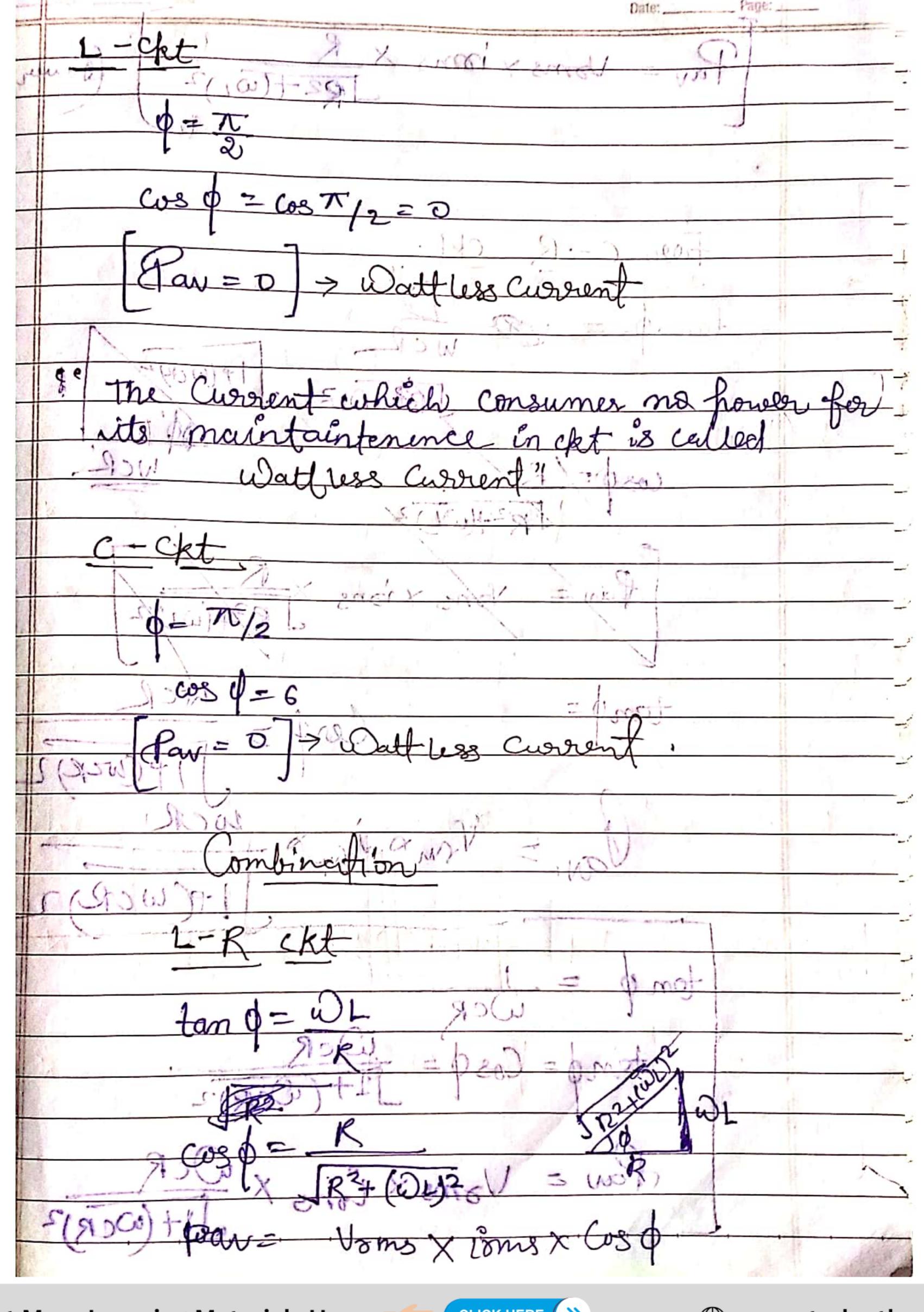
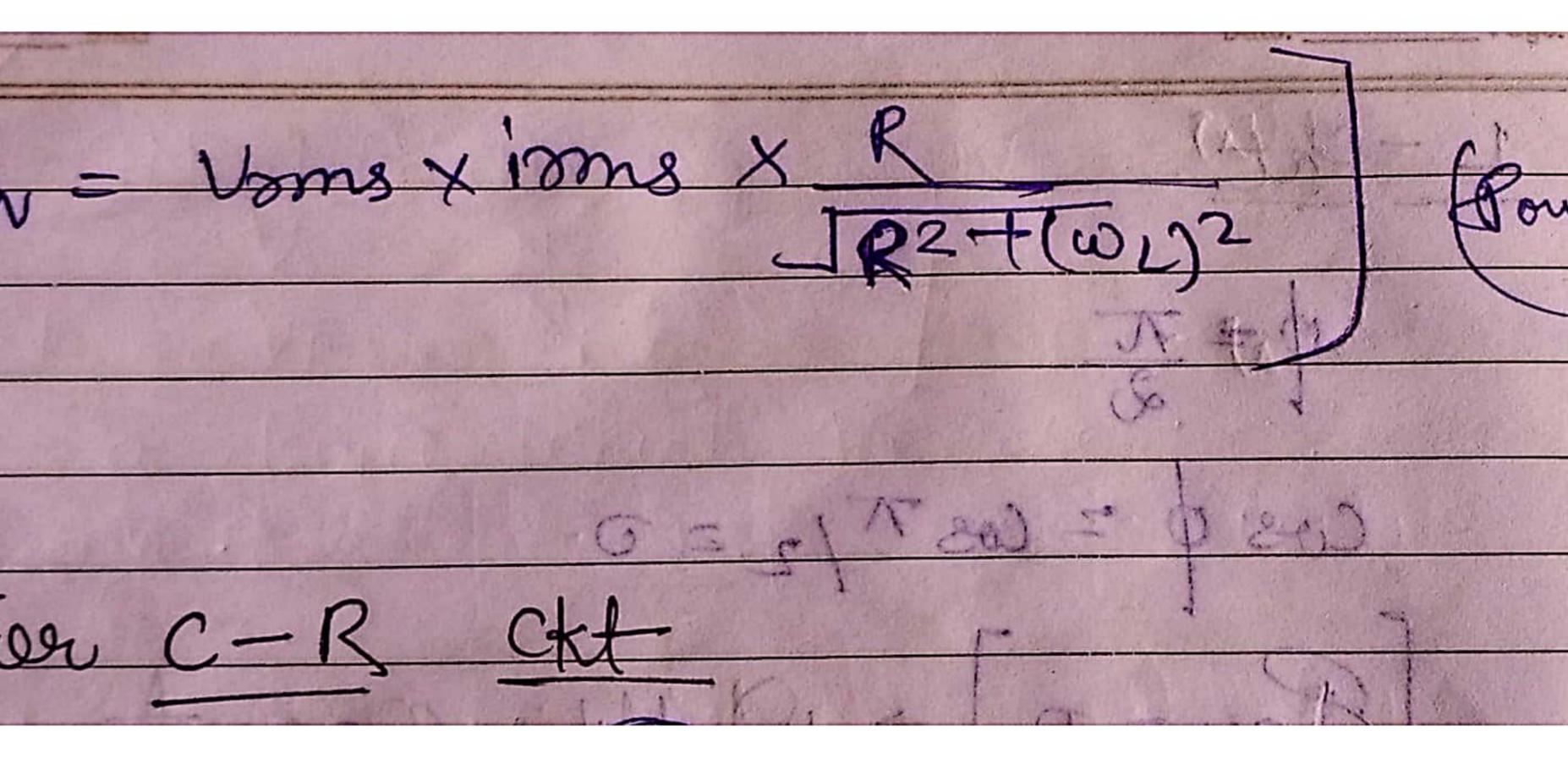


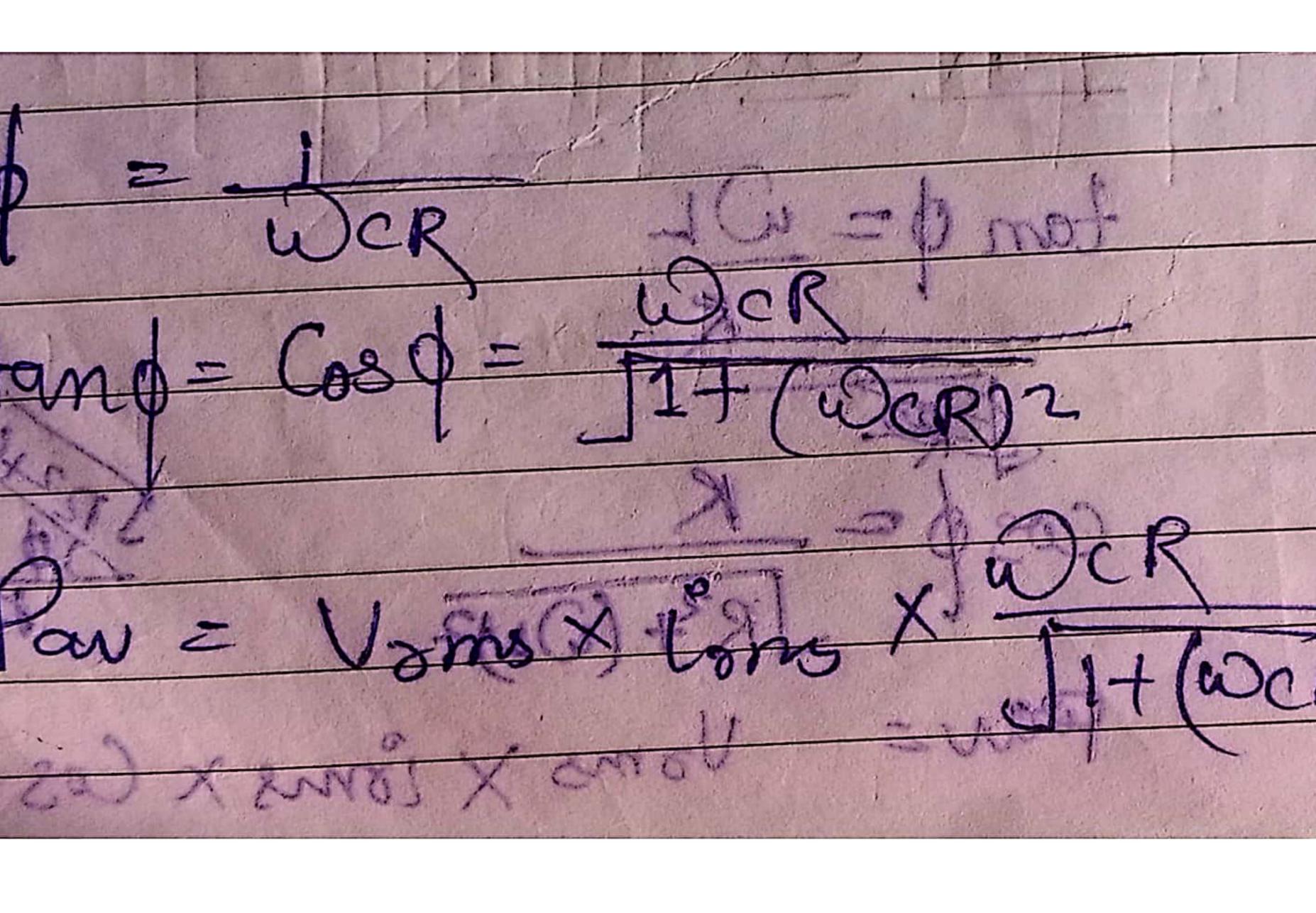
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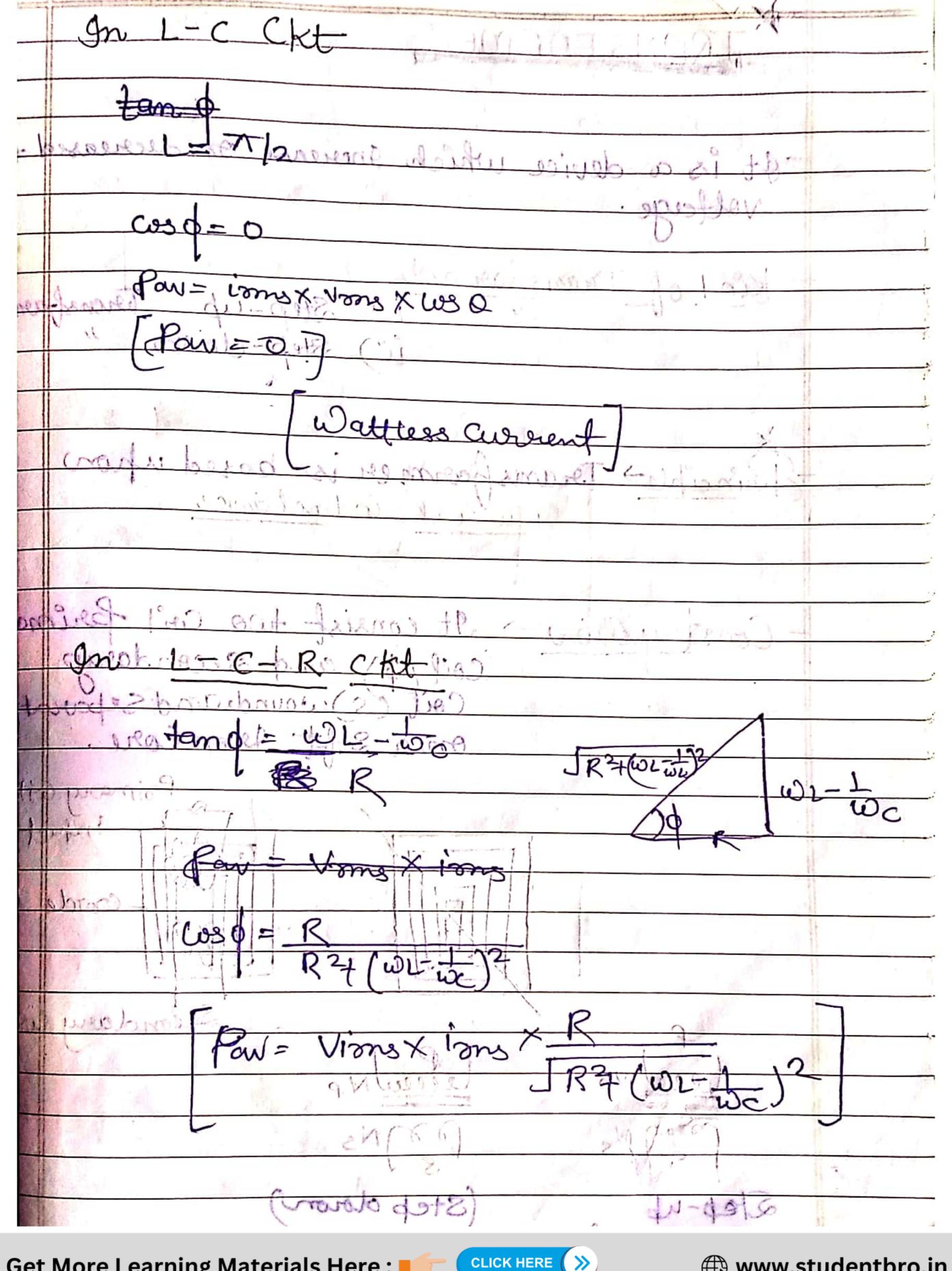


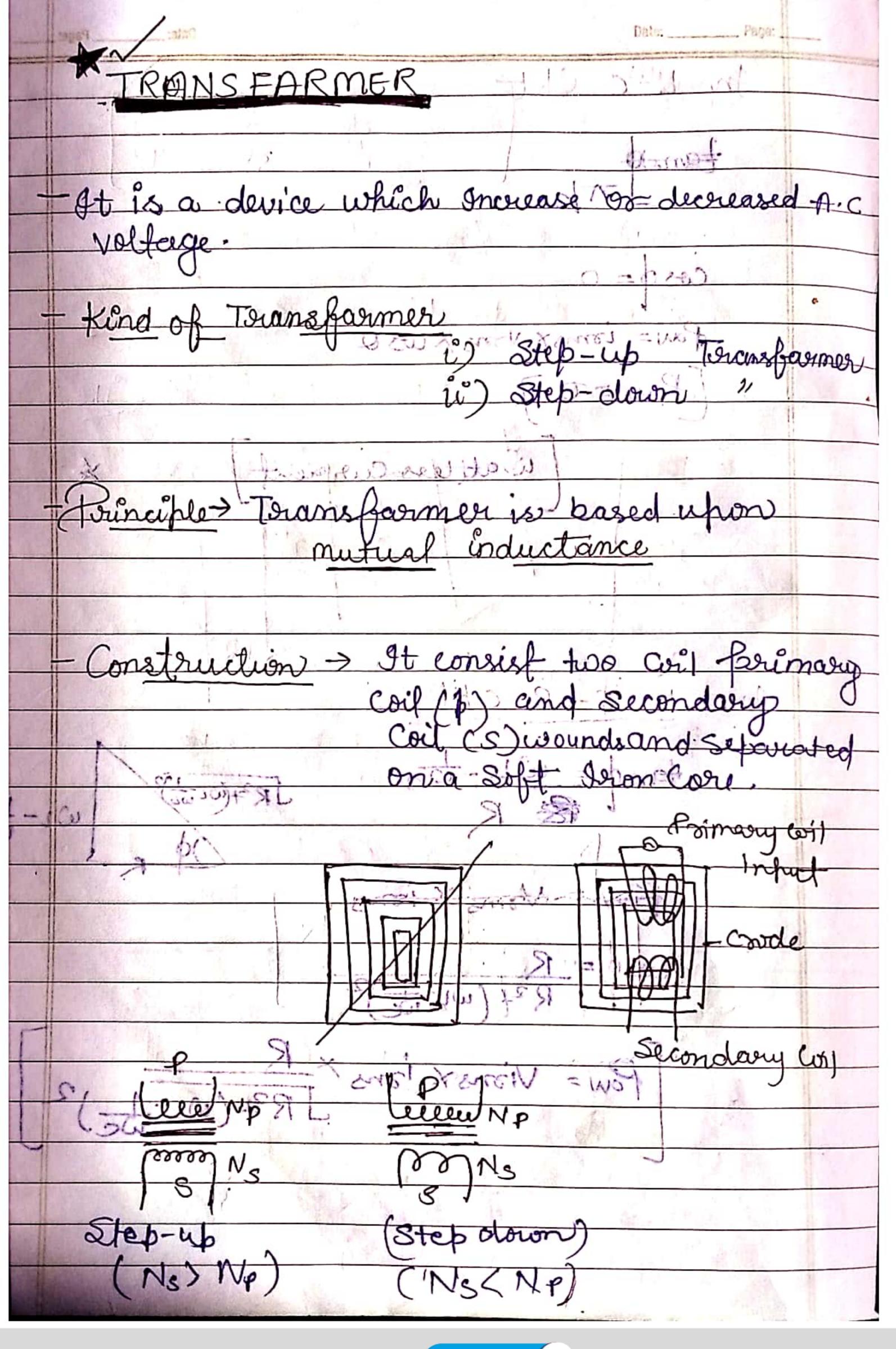


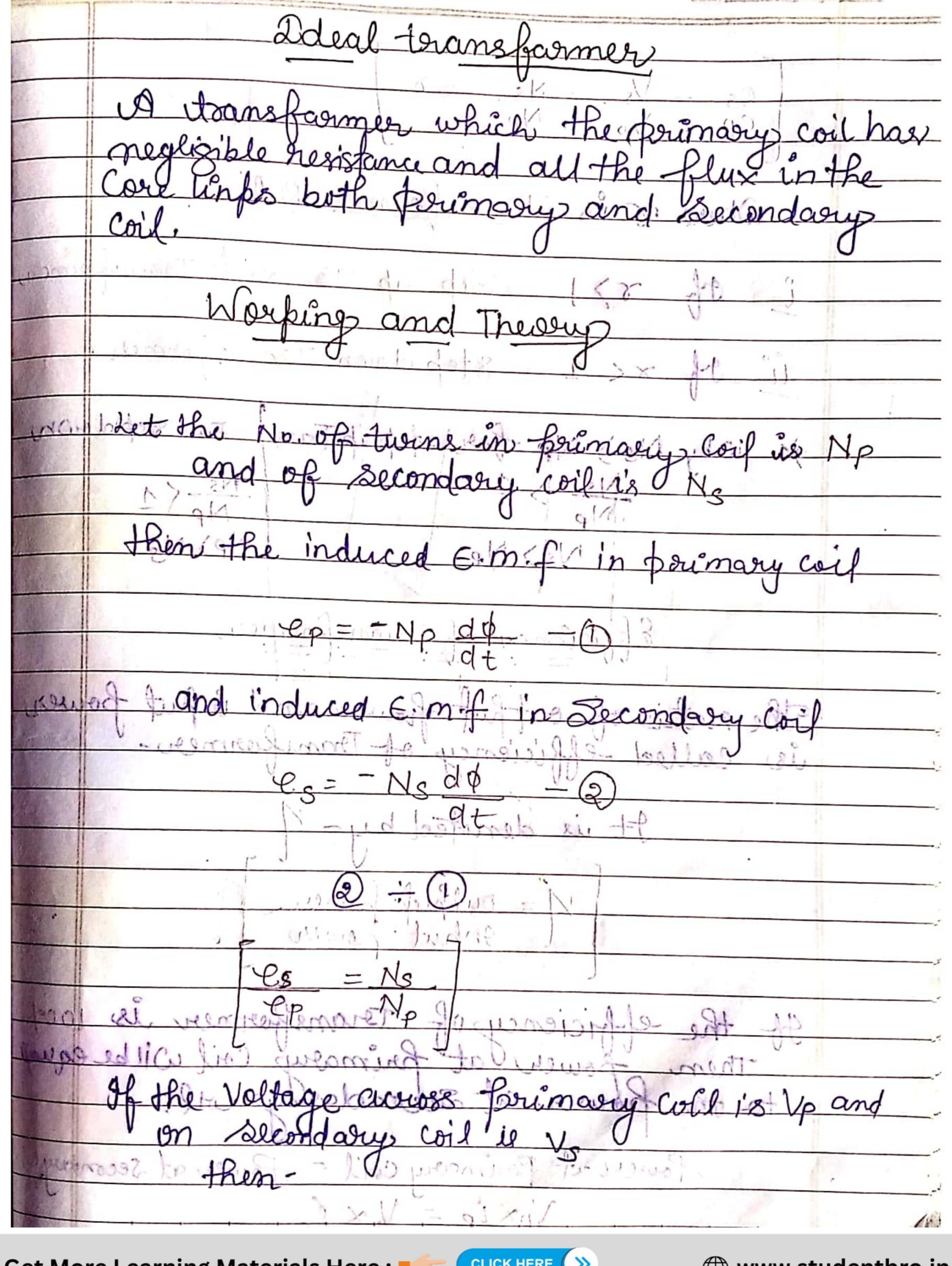












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Energy Losses in a Transformer

There are some energy losses in a transforms

- (i) Eddy Current Loss Eddy current in iron core of transformer facilitate the loss of energy in the form of heat.
- (ii) Flux Leakage Total fluxes linked with primary do not completely pass through the secondary which denotes the loss in the flux or flux leakage.
- (iii) **Copper Loss** Due to heating, energy loss takes place in copper wires of primary and secondary coils.
- (iv) **Hysteresis Loss** The energy loss takes place in magnetising and demagnetising the iron core over every cycle.
- (v) **Humming Loss** The magnetostriction effect leads to set the core in vibration which in turn produced the sound. This loss is referred as humming loss.

Efficiency of townsformer called efficiency of Transfermen-It is denoted by-1 = outhof hower the efficiency of 9 toranshormer is

