

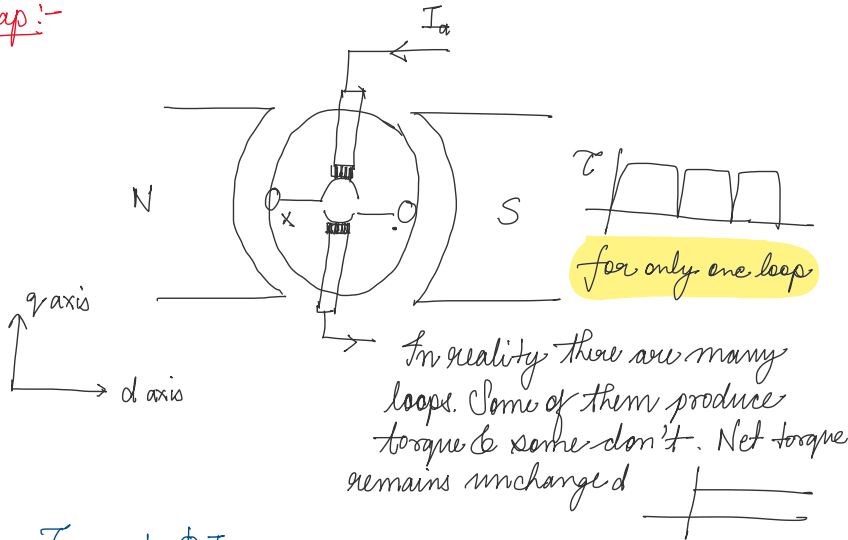
Lecture 17

Tuesday, 19 March 2024 3:34 PM

EE114 - Power Engineering 1

Course instructor: Prof. Sandeep Anand

Scribe: Saurabh Singh

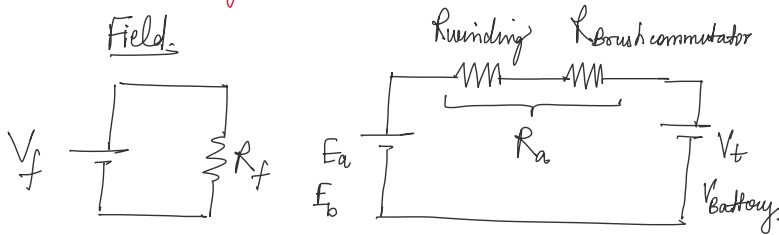
Recap:-

Push-ups!

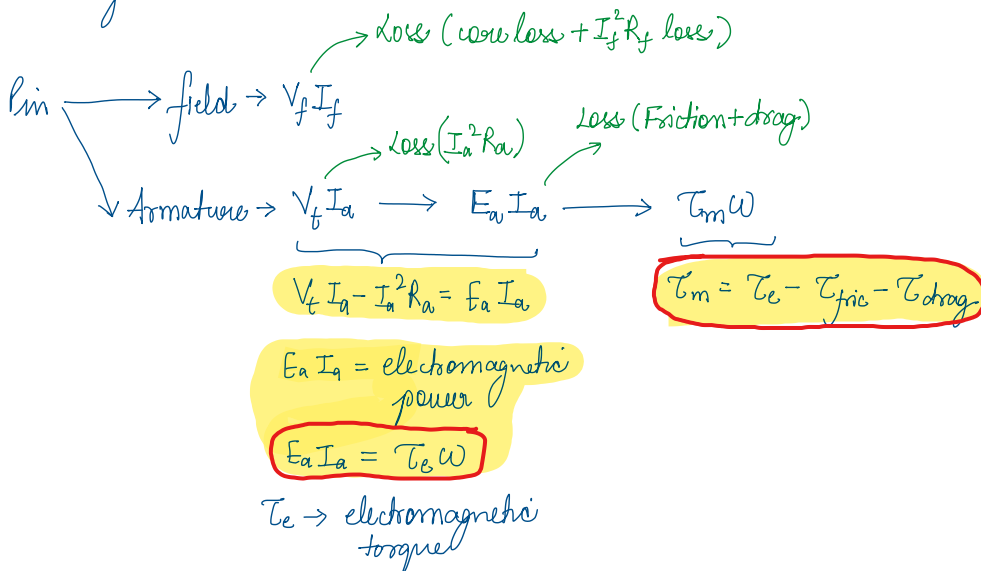
$$\tau_{em} = k \phi I_a$$

↑
flux per pole

$$E_b = k \phi \omega$$

* Equivalent circuit of DC machines :-

Motoring mode:-



Generating mode

