

Faraday's law (9.2 and 9.3)

- Relation between fields and sources from ENEL 475?
- Time-varying fields – what is different?
- Faraday's experiment and Faraday's law
 - EMF
 - Lenz's law
- Transformer and motional EMF

Faraday's law

- Faraday's experiment
- https://en.wikipedia.org/wiki/Michael_Faraday#/media/File:Induction_experiment.png

Faraday's experiment demo

- <http://www.youtube.com/user/CarletonPhysics>
- <https://www.youtube.com/watch?v=7MTTyWzX1EY>

Faraday's law - flux

- <https://www.youtube.com/watch?v=bkSsgTQOXVI>

Faraday's law – applications

- https://www.youtube.com/watch?v=otu-KV3iH_I
- <http://www.animations.physics.unsw.edu.au/jw/electricmotors.html>