

**My Lectures from :** Purcell Chapter 7

Web Notes : Lecture Notes #7

Other Notes: Inductance

**Purcell Problems:**

- 7.02 emf in moving loop 1
- 7.04 emf in moving loop 2
- 7.09 Mutual inductance of two rings
- 7.11 Coils and inductance
- 7.13 RL circuit
- 7.14 Crossbar sliding on rails
- 7.18 Get the total charge
- 7.21 Mutual inductance of coil within coil
- 7.22 How much angular momentum?
- 7.23 Energy density