



ELECTRICAL MACHINES

Elective Course – EPM332

Course Grading System

2

100 Marks

70

Final Exam

**Problems +
MCQ**

30

Semester Work

- **15 Mid-term**
- **10 Quizzes**
- **5 Assignments**

Course Contents

3

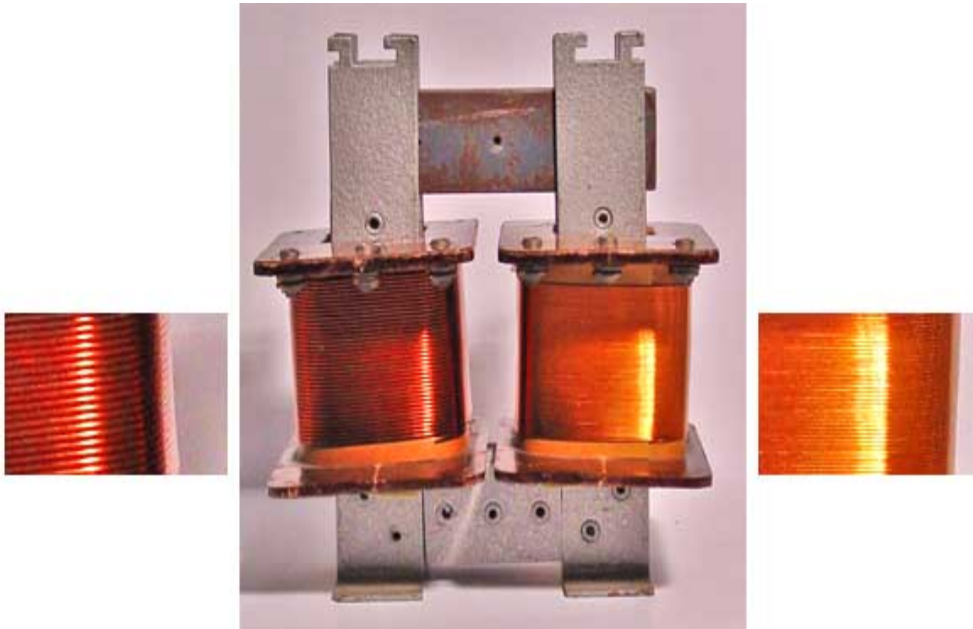
- Basic Principles
- Transformers
- Induction Machines
 1. Three-phase induction motors.
 2. Two-phase induction motors (AC Servo).
 3. Single-phase induction motors.
- Stepper Motors

Scholar page: <https://goo.gl/ymLdll>

Transformer

4

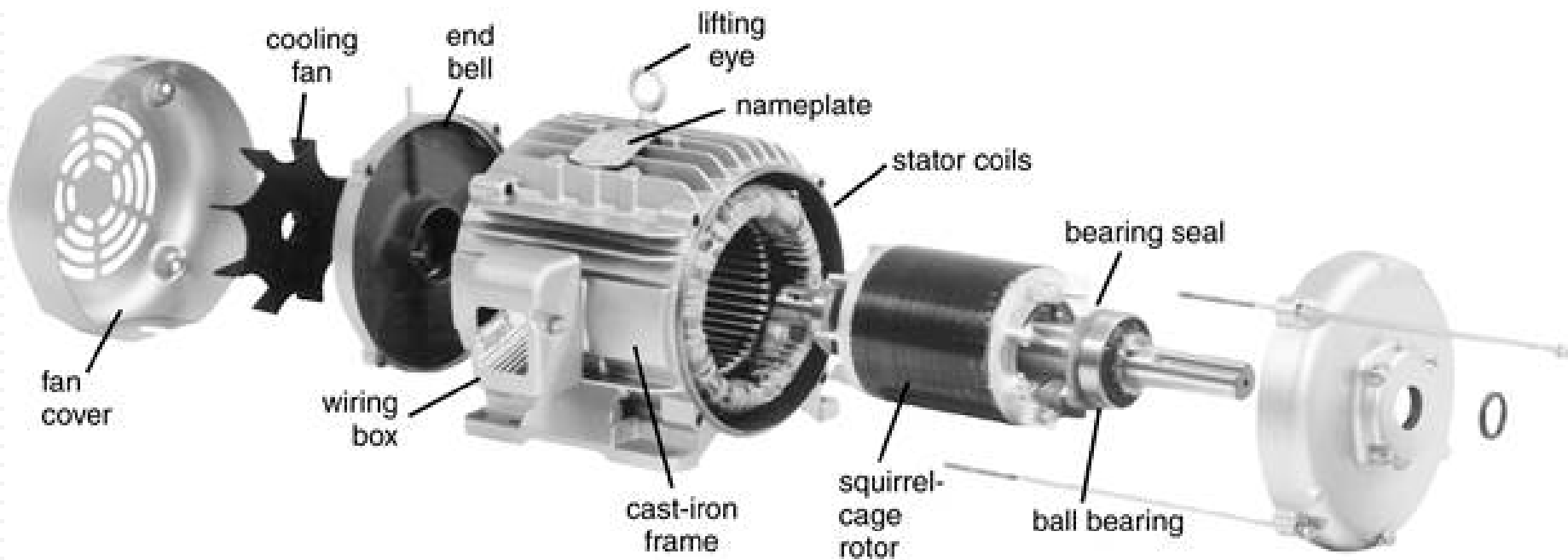
Single Phase Transformers



Induction Machines: Construction

5

Squirrel Cage Machine



Stepper Motors Basic Principle

6

Stepper Motors

