Numerical models for fields and circuits

MSc course in Electrical Engineering, 2017-18

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Subjects for MagNet group projects

1. Linear actuator
2. Moving coil transducer
3. Four-pole PM motor (surface magnets)
4. Four-pole PM motor (internal magnets, radial)
5. Four-pole PM motor (internal magnets, tangential)
6. Two-pole PM motor (surface magnets)
7. Two-pole PM motor (internal magnets, radial)
8. Two-pole PM motor (internal magnets, tangential)
9. Induction motor (TEAM 30)
10. Single-phase transformer: field-circuit model
11. DC and AC screens
12. Induction heating of a cylindrical billet (e/m model)

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Individual projects
(Erasmus std, part time)

1. ……
2. …
3. ……
4. ……
5. ……
6. ……
7. ……
8. …….
9. ……
10. ……

Group list

		Task	Deadline
1.	Manganuco, Ghitti, Rashed	11	
2.	Rapella, Bettini	3	
3.	Alchieri, Rossi U.	5	
4.	Gemelli, Granata, Cattaneo	4	
5.	Hassani, Tudini, Isolan	9	
6.	Arnoldo, Bosoni, Wadji	6	
7.	Cenja, Palamara, De Rosa	7	
8.	Imbrogno, Lumini, Vitaloni	4	
9.	Cerutti, Mantione, Pasetti	10	
10.	Codeca` , Uberti	7	
11.	Vercesi F. e M.	8	
12.	Armari, Veltri	5	