

MATLAB

1 Who are we?

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2 Course

- Theory: 16 Hr → 48 Hr
- Exercises: 16 Hr → 32 Hr

3 Documentation

- Handbook: MATLAB for Engineers - 6th edition
Chapter P-9: theory and exercises

4 Evaluations

- Test: 04/12 - 2 Hr:
- Exam: Jan - 4 Hr: Exercises on computer without notes

5 Schedule

Lectures	Theory	Exercises	Topic
10/10	1		About MATLAB
16/10	2-3		MATLAB Environment - Build-in MATLAB functions
17/10		1	MATLAB Environment
23/10	4-5		Manipulating Matlab
24/10	6-7		Plotting
30/10		2-3	Build-in MATLAB functions
31/10		4	Manipulating Matlab
06/11	8-9		User Defined Functions
07/11		5-6	Manipulating Matlab - Plotting
14/11		7	Plotting
20/11	10-11		Logical Functions and Selection Structures - Repetition Structures
21/11	12		Symbolic Mathematics
27/11		8-9	User Defined Functions
28/11	13		Symbolic Mathematics
04/12		10-11	Logical Functions and Selection Structures
05/12	14		Matrix Algebra
11/12		12-13	Repetition Structures - Symbolic Mathematics
12/12		14	Symbolic Mathematics
18/12		15-16	Matrix Algebra