

# Measuring theories and techniques

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# How to contact me

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# Requirements of the subject

- There will be 2x45 minutes theoretical lessons and 2x45 minutes data analysis lessons.
- Subject finishes with an exam, which will have two parts:
  - 2x60 minutes to solve one data analysis problem in MATLAB
  - 30 minutes to answer theoretical questions
- Exam is successful if both parts have been done at least on 40% level. Final grade will be determined on the base of both part's average as follows:

<b>Average of both part of the exam [%]</b>	<b>Grade</b>
0 - 49	1
50 - 59	2
60 - 74	3
75 - 84	4
85 - 100	5

# Literature

- Semyon G. Rabinovich.: Measurement Errors and Uncertainties – Theory and Practice, Springer 2005 - **Will be ready for download next week!**
- Presentation's slides – **will be uploaded every week after the lesson**

# Questions for students

- Did you ever use MATLAB?
- Did you learn Mathematical statistics during your bachelor studies?
- Did you learn about Fourier – transform and about digital filters?
- Do you have already EDUId?
- Do you have own notebook?