Mini Lectures and Projects

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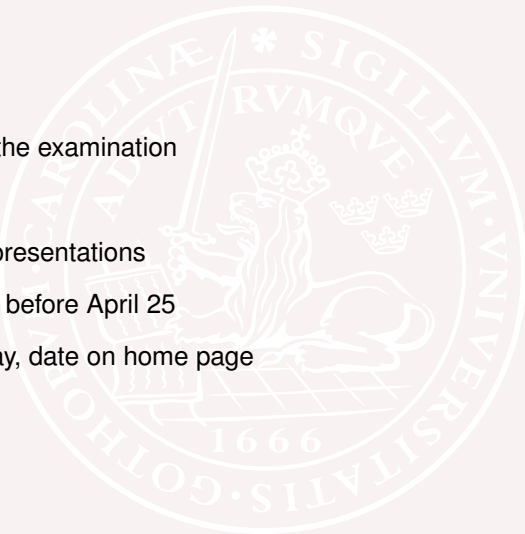Lund University

Mini Lectures

Last part of the examination

1-2 persons

15 minutes presentations

Decide topic before April 25

Middle of May, date on home page

Suggested Topics

- Root Locus
- Fundamental Limitations for MIMO systems
- Chapter in Computer Controlled Systems
- Antiwindup for RST controllers
- IQC toolbox
- Toolboxes controlsystemdesigner, sisotools
- Mixed H_2/H_∞ design
- Some Julia or Python tool
- Optimal Control Toolbox
- Matlab MPC toolbox
- Your own suggestion

Extension to the course worth 3hp

Some of the suggestions above can be projects

Can also do control design on some process

Small presentation, target: before summer