

KON-C2004 - Mechatronics Basics, Lecture, 22.10.2024-12.12.2024

This course space end date is set to 12.12.2024 [Search Courses: KON-C2004](#)

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Week 3

Lecture 5: Control systems

Location: K1/213

Introduction to basics of control theory. Open loop control, feedback control etc. PID controller in more depth.

Lecture 5 recording

Lecture 6: Hydraulic systems

Location: K1/216

Hydraulic systems. Linear and rotational hydraulic actuators. Visiting lecturer Jari Vepsäläinen.

Lecture 6 recording

Exercise 3: Control systems and modeling (DL. 12.11. at 10:00 am)

3.1 PID controller - 5 points

3.2 DC servo motor modeling - 21 points

Solutions for exercise round 3

Feedback round 3 - 1 point

By answering this feedback questionnaire, you get one credit. Questionnaire will be closed two weeks after exercise 3 is closed.

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Week 2



Next section ▶

Week 4



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