

ME 221 Dynamical Systems
FINAL EXAM - Spring 2025

Name and Surname:

Sciper ID:

I pledge that I have not violated the EPFL honour code during this examination (i.e. no cheating) and followed the instructions below.

Signature:

READ THESE INSTRUCTIONS VERY CAREFULLY

- Do not open the exam until the TAs will announce it
- Write your **Sciper ID** on **every** sheet of paper
- Place your **ID or Camipro** on the table ready to be checked
- Phones are switched off and left in the bag in front of the blackboard
- Verify that you see **4 problems and a total of 28 pages**
- Colour pages (scratch paper) are not graded
- **No cheating!** (Official expulsion from EPFL may be taken as a disciplinary measure in the event of cheating or attempted cheating during an examination)
- **Show your work**, no partial credit without explanations
- The Laplace table is included on **page 28**.

- Use a **pen** to solve the problems. Solutions written with a pencil will not be graded.

- Exams starts at **15h15 and ends at 18h15**
- Items **allowed** on the table:
 - o Non-programmable calculator
 - o Formula sheet (2-sided page, hand-written)
 - o Pen, correction markers, staple, and snacks
- **NOT allowed:**
 - o No headphones including earbuds (earplugs are fine)
 - o No electronic devices (e.g. smartwatch, tablet, programmable calculator)

- When you return the exam:
 - o **Return all pages.**
 - o Raise your hand when you are done
 - o You cannot leave during the first 30 minutes and the last 15 minutes

GOOD LUCK!

Problem 1 (35)	Problem 2 (25)	Problem 3 (25)	Problem 4 (15)	Total (100)