

## Mechanical Vibrations 2023-2024

This list covers all slides taught in the past semester and which will be covered during the oral examination.

- **Introduction.** [pdf](#)
- **SDOF systems** [pdf](#)
- **Vibration sources** [pdf](#)
- **MDOF systems** [pdf](#)
- **Finite element models** [pdf](#)
- **Continuous systems** [pdf](#)
- **Reduction to SDOF systems** [pdf](#)
- **Dynamic response computation** [pdf](#)
- **Flow induced vibrations** [pdf](#)
- **Real world loads** [pdf](#)
- **Structural testing** [pdf](#)
- **Vibration problems** [pdf](#)
- **Design and remedial measures** [pdf](#)
- **Vibration damping** [pdf](#)
- **Tuned vibration absorbers** [pdf](#)
- **Vibration isolation** [pdf](#)