

Week	Date	Theme
1	Sep 03	Mechanical vibration of SDOF-systems: modell, stiffness, mass, damping, DE of motion, free vibration
2	Sep 10	Mechanical vibration of SDOF-systems: free vibration, harmonic forcing
3	Sep 17	Mechanical vibration of SDOF-systems: harmonic forcing, support motion
4	Sep 24	Mechanical vibration of SDOF-systems: general forcing, response spectra. Mechanical vibration of MDOF-systems: modell, mass matrix, stiffness matrix, DE of motion
5	Oct 01	Test: Mechanical vibration of SDOF-systems
6	Oct 08	Mechanical vibration of MDOF-systems: stiffness matrix, free vibration, generalized eigenvalue problem
7	Oct 15	Mechanical vibration of MDOF-systems: harmonic forcing, direct solution, modal analysis, support vibration
8	Oct 22	<i>No class</i>
9	Oct 29	Mechanical vibration of MDOF-systems: examples, free and forced vibration
10	Nov 05	Mechanical vibration of MDOF-systems: summary; Mechanical vibration of frame structures
11	Nov 12	Test: Mechanical vibration of MDOF-systems
12	Nov 19	Mechanical vibration of frame structures
13	Nov 26	Mechanical vibration of continua: transversal vibration
14	Dec 03	Test: Mechanical vibration of continuum bars

Dr. Ádány Sándor
Assoc. Prof., Head of Dept.

Dr. Németh Róbert
Assoc. Prof., lecturer

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