Tentative schedule
Dynamics of Structures (BMEEOTMAS43)

2022-23-1 semester

Week	Date	Theme
1	Sep 07	Mechanical vibration of SDOF-systems: modell, stiffness, mass, damping, DE of motion, free vibration
2	*Sep 14*	*no class (Sport Day)*
3	Sep 21	Mechanical vibration of SDOF-systems: free vibration, harmonic forcing
4	Sep 28	Mechanical vibration of SDOF-systems: harmonic forcing, support motion
5	Oct 05	Mechanical vibration of SDOF-systems: general forcing, response spectra. **Oct.05. 16:00 – Oct.06. 08:00: 1st Individual assignment**
6	Oct 12	Mechanical vibration of MDOF-systems: modell, mass matrix, stiffness matrix, DE of motion
7	Oct 19	Mechanical vibration of MDOF-systems: free vibration, generalized eigenvalue problem, modal analysis **Oct.19. 16:00 – Oct.20. 08:00: 2nd Individual assignment**
8	Oct 26	**Test 1: Mechanical vibration of SDOF-systems, free vibration of MDOF-systems (in the class)**
9	Nov 02	Mechanical vibration of MDOF-systems: harmonic forcing, support vibration
10	Nov 09	Mechanical vibration of MDOF-systems: examples, free and forced vibration
11	Nov 16	Mechanical vibration of frame structures
12	Nov 23	Mechanical vibration of continua: FE modelling
13	Nov 30	Mechanical vibration of continua: transversal vibration **Nov.30. 16:00 – Dec.01. 08:00: 3rd Individual assignment**
14	Dec 07	**Test 2: Mechanical vibration of MDOF-systems (in the class)**
rep. Week	Dec 14	**Retake test: Mechanical vibrations (in the class)**

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2022.08.22.