

| Week | Date | Topic | Pages in LN |
|-------------|---------------|---|----------------------|
| 1 | 02.04. | Free and forced vibration of SDOF and MDOF systems I. | 1-6, 18-24 |
| 2 | 02.11. | Free and forced vibration of SDOF and MDOF systems II. | 7-17, 24-38, 172-175 |
| 3 | 02.18. | Vibration of continuum bars: free vibration, harmonic forcing | 46-72 |
| 4 | 02.25. | Vibration of continuum bars: moving loads | 72-79 |
| 5 | 03.04. | Vibration analysis of frame structures: dynamic stiffness matrix, exact mass matrix | 80-111 |
| 6 | 03.11. | Vibration analysis of frame structures: approximate mass matrices | 112-122 |
| <i>S.b.</i> | <i>03.18.</i> | <i>spring break</i> | --- |
| 7 | 03.25. | Support vibration: machanical basis of earthquake analysis | 123-140, 175-188 |
| 8 | 04.01. | Test 1 Damped vibration of SDOF systems | --- |
| 9 | 04.08. | Damped vibration of MDOF systems, frame structures: proportional damping | 148-155, 200-206 |
| 10 | 04.15. | Damped vibration of frame structures: rate-independent damping Elastic support of soil | 155-161 |
| 11 | <i>04.22.</i> | <i>No class</i> | --- |
| 12 | 04.29. | <i>Radiation damping: dynamic support of soil (between 11:15-12:00)</i> | 161-171 |
| 13 | 05.06. | Basis of aeroelasticity | |
| 14 | 05.13. | 2. Test 2 | --- |

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