

| Week | Date | Topic | Pages in LN |
|--------|-------------|--|-------------------------|
| 1 | 2021.02.14. | Free and forced vibration of SDOF and MDOF systems I. | 1-6, 18-24 |
| 2 | 2021.02.21. | Free and forced vibration of SDOF and MDOF systems II. | 7-17, 24-38, 172-175 |
| 3 | 2021.02.28. | Vibration of continuum bars: free vibration, harmonic forcing | 46-72 |
| 4 | 2021.03.07. | Vibration of continuum bars: moving loads 03.07. 14:00 – 03.08. 08:00 1st Individual Assignment | 72-79 |
| 5 | 2021.03.21. | Vibration analysis of frame structures: dynamic stiffness matrix, exact mass matrix | 80-111 |
| 6 | 2021.03.26. | Vibration analysis of frame structures: approximate mass matrices | 112-122 |
| 7 | 2021.03.28. | Support vibration: mechanical basis of earthquake analysis 03.28. 14:00 – 03.29. 08:00 2nd Individual Assignment | 123-140, 175-188 |
| 8 | 2021.04.04. | 04.04. 11:15 – 12:45 1st Mid-term test Damped vibration of SDOF systems | --- |
| 9 | 2021.04.11. | Damped vibration of MDOF systems, frame structures: proportional damping | 148-155, 200-206 |
| 10 | 2021.04.18. | <i>no class (spring break)</i> | 148-155, 200-206 |
| 11 | 2021.04.25. | Damped vibration of frame structures: rate-independent damping. Elastic support of soil | 155-161 |
| 12 | 2021.05.02. | Radiation damping: dynamic support of soil 05.02. 14:00 – 05.03. 08:00 3rd Individual Assignment | 161-171 |
| 13 | 2021.05.09. | Basis of aeroelasticity | |
| 14 | 2021.05.16. | 05.16. 11:15 – 12:45 2nd Mid-term test | --- |
| R-week | 2021.05.23. | 05.23. 11:15 – 12:45 retake mid-term test | |

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