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• Chapter 8: continued
• Rayleigh’s method for estimating natural frequencies
• Modal forms, modal expansions
• Review of Transfer functions, Laplace transforms and their applications to vibrations
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Chapter 7: Applications (Vibration Control)

– Section 7.2: Fluid induced vibration: discussion
– Section 7.3: Fixed based systems, motion and force transmitted
– Section 7.3: isolation of rotating unbalance
– Section 7.4: isolation with base motion (compare with sensor case in Chapter 5)
– Section 7.5: Dynamic vibration absorber
– Skip sections 7.6, 7.7 and 7.8