

Exam

▶ **Monday April 18**

Chapter 5: Elastic Strain
5.1-2, 5.5-7,
5.10-12
Deflection
Stability

Chapter 6: Failure Theories
6.1-2, 6.5-8,
6.10-12
Safety Factors

Chapter 7: Impact
7.1-2, 7.4

Chapter 8: Fatigue
8.1-11

Chapter 5: Elastic Strain 5.1-2,
Deflection 5.5-7 p184-185
p186 Tab 5.1
p187 Tab 5.2
Stability 5.10-12 p209-214
Fig 5.27
Fig 5.28
Eq 5.10-13

Chapter 6: 6.1-2,6.5-8, 6.10-12
Failure Theories p253-254
Fig 6.10
Eq 6.5-8
Safety Factors p263

Chapter 7: 7.1-2,7.4
Impact p275-284, 290-295

Chapter 8: **Fatigue** 8.1-11
alternating stress
p304-310 reading
Fig 8.11
Fig 8.13
Tab 8.1
Mean + alternating stress
p317-322
Fig 8.16
Fig 8.17