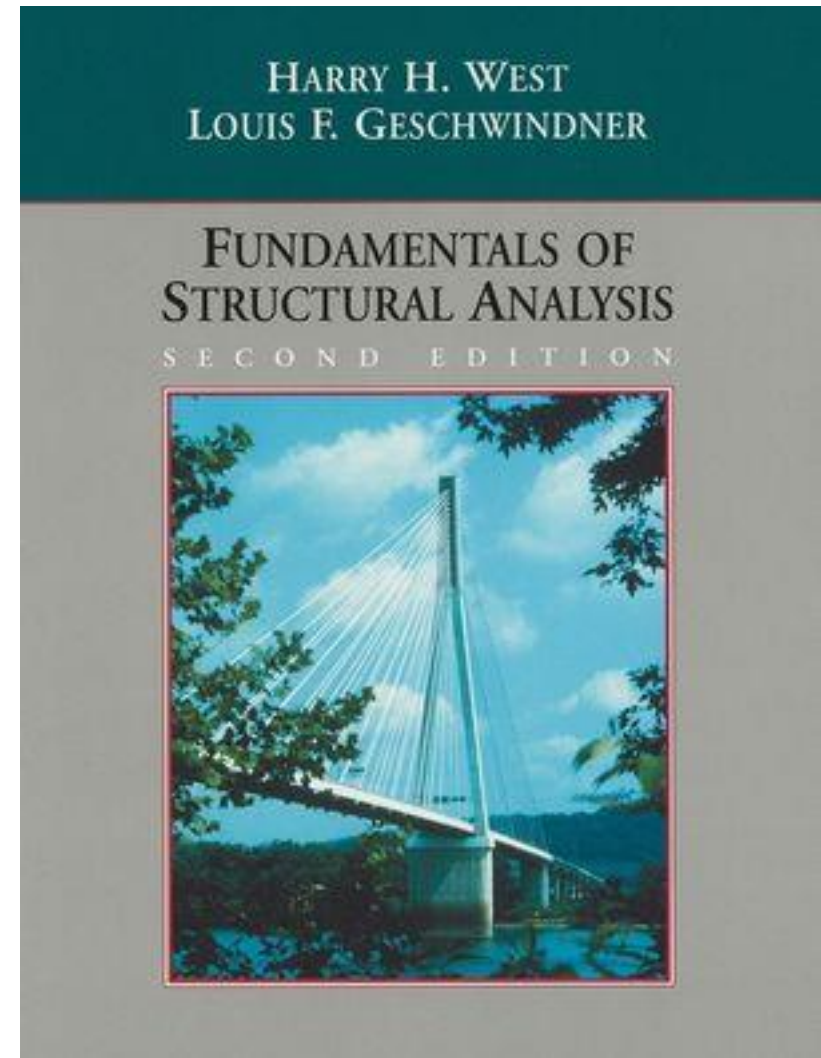
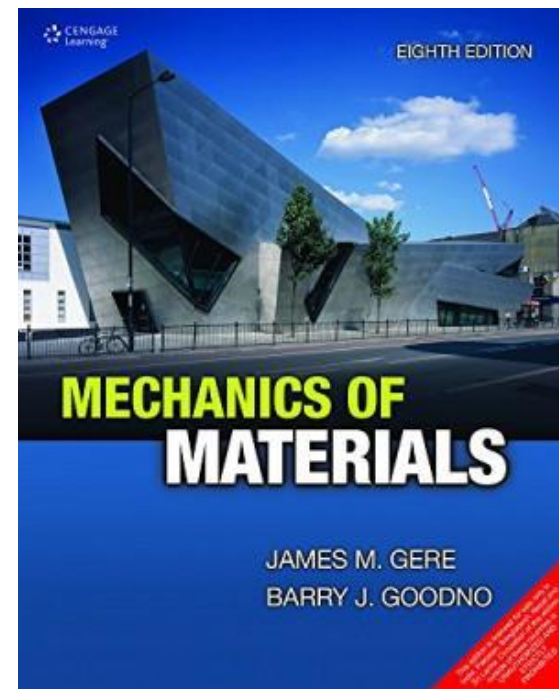
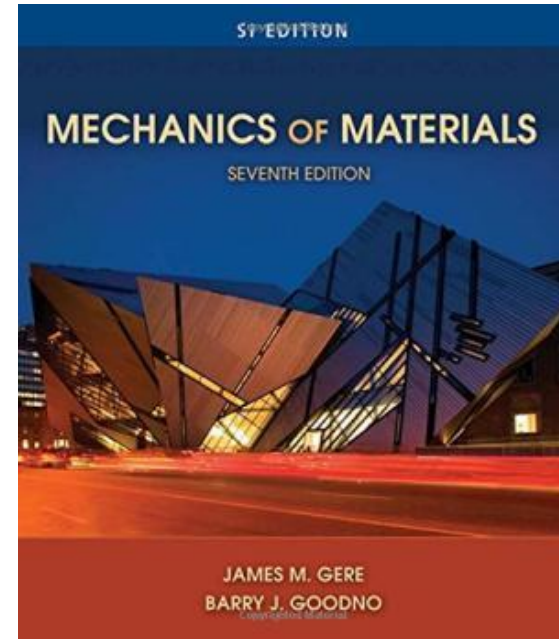


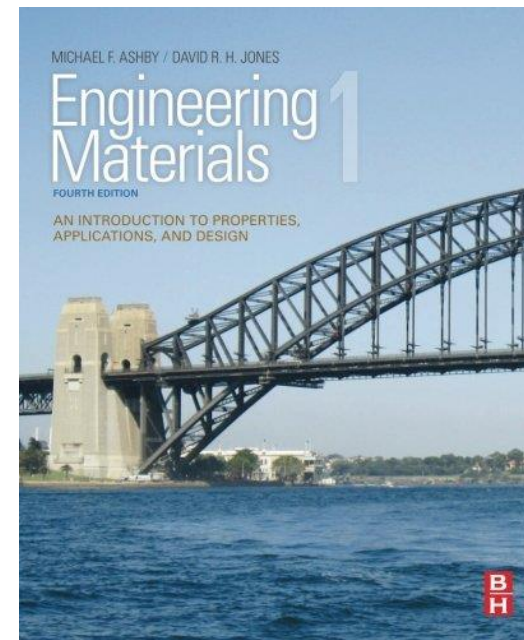
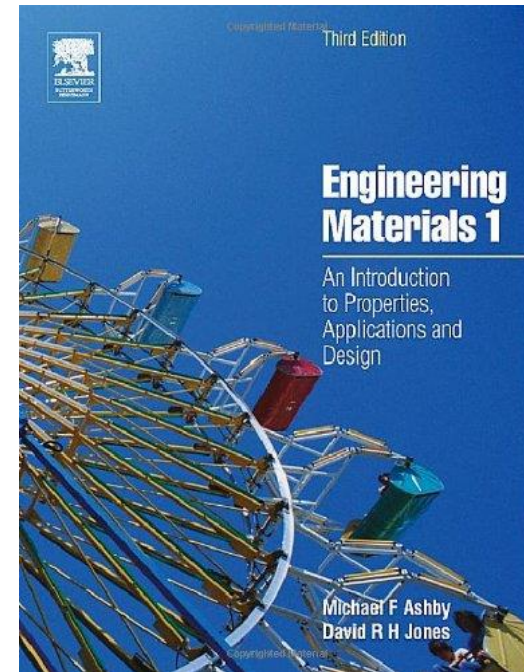
- **West & Geschwindner – Fundamentals of Structural Analysis**
 - 2nd Edition (2002): **TA645 WES**
- Chapters 1-2: general concepts
- Chapters 3-4: pin-jointed trusses
- Chapters 7-8: energy methods



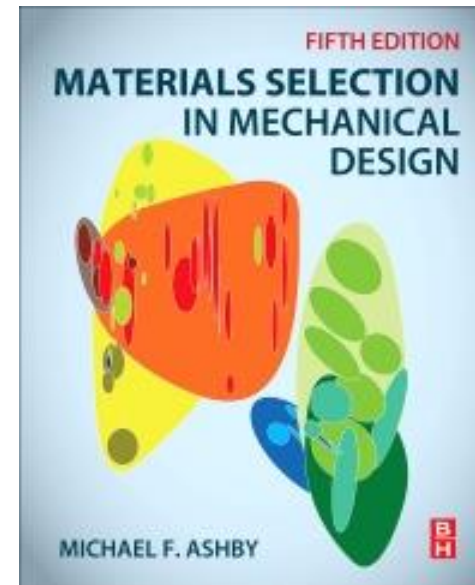
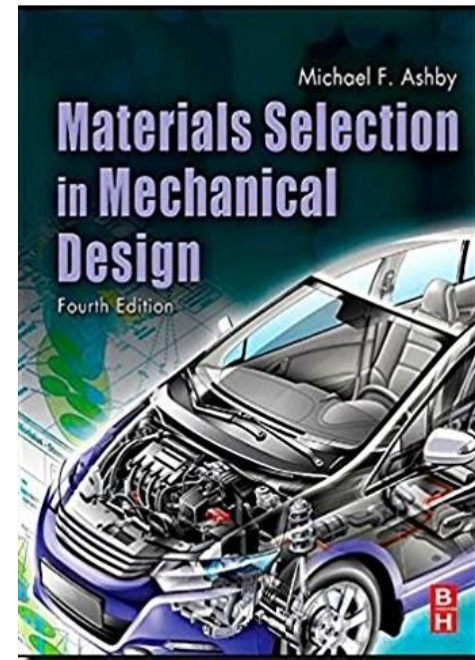
- **Gere & Goodno – Mechanics of Materials**
 - 8th ed. (2013): **online access**
 - Other editions: **TA405 GER**
- Entire book is relevant
- **CAUTION: the book uses a different sign convention for shear!**



- **Ashby & Jones – Engineering Materials 1 : An Introduction to Properties, Applications, and Design**
 - 4th ed. (2012): **TA403 ASH**
- Only selected chapters: 3, 6, 8, 13, 17, 20, 28
- Dr James Kratz will guide your study later on



- **Ashby – Materials Selection in Mechanical Design**
 - 3rd ed. 2005: **online access**
 - Other editions: **TA403.6 ASH**
- Chapters 4-8
- Please use the accompanying **CES EduPack** software installed on every UoB PC
- Timetabled PC lab sessions in December - TBA



- **Callister & Rethwisch – Materials Science and Engineering**
 - 9th ed. (2011): **TA403 CAL**
 - Other editions are fine too
- First 6 chapters (approx.) in StM1
- Other chapters in StM2
- Dr Ian Hamerton and Prof Steve Eichhorn will guide your study later on

