

Course in ANSYS

Introduction

References

- **[ANSYS]** ANSYS 7.1 Documentation (installed with ANSYS):
 - Basic Analysis Procedures
 - Advanced Analysis Techniques
 - Modeling and Meshing Guide
 - Structural Analysis Guide
 - Thermal Analysis Guide
 - APDL Programmer's Guide
 - ANSYS Tutorials
- **[Cook]** Cook, R. D.; Concepts and applications of finite element analysis, John Wiley & Sons
- **[Burnett]** Burnett, D. S.; Finite element analysis: From concepts to application, Addison-Wesley
- **[Kildegaard]** Kildegaard, A.; Elasticitetsteori, Aalborg Universitet

Course Outline

Introduction

Lesson 1. Modeling reviewed – Boolean's

Lesson 2. Boolean's + meshing issues

Lesson 3. Operate + meshing issues

Lesson 4. Import + meshing issues

Lesson 5. Meshing – advanced topics