

Files

[Swanson LectureFlyer.pdf](#)

[ANSYS_Workshop_April2014.pdf](#)

MAE 6230

[Bhaskaran Slides, Fall 2012](#)

MAE 4700/5700: Files

Friday section: [Slides](#)

ANSYS frame problem in HW3: [Partial solution](#)

ANSYS cylinder heat flow problem in HW4: [Partial solution](#)

HW6, Mesh files:

HW6, problem 4, Convection heat transfer: [Download mesh files](#)

HW6, problem 6, Torsion: [Download mesh files](#)

HW7, Mesh files

[Download HW7 mesh files](#)

Plate with a hole:

ANSYS plate-with-a-hole problem: [Partial solution](#)

MATLAB file for post-processing: [plate.m](#)

Mesh files from ANSYS APDL: [plate_mesh_for_matlab.zip](#)

These can be read into MATLAB using *Main.m* included in the *ANSYS2Matlab* folder.

Bicycle crank:

[Bicycle crank assembly](#) (Parasolid file generated in Solidworks)

[Bicycle crank partial solution](#)

[Bicycle crank partial solution #2](#)

Wheel hub:

Wheel hub igs geometry: [wheel_hub_asm.igs](#)

Wheel hub step geometry: [wheel_hub_asm.stp](#)

Wheel hub presentation slides: [Baja SAE hub tutorial.pptm](#)