## Supersonic Flow Over a Wedge - Geometry

Author: Rajesh Bhaskaran, Cornell University Problem Specification 1. Pre-Analysis & Start-Up 2. Geometry 3. Mesh 4. Physics Setup

- 5. Numerical Solution
- 6. Numerical Results
- 7. Verification & Validation
- Exercises
- Comments

## Geometry

This page goes through the geometry steps for the Supersonic Flow Over a Wedge in the SpaceClaim geometry engine included with ANSYS Workbench. For instructions on creating the geometry using DesignModeler, see this page.

Some tips:

- As you follow along in Ansys, you can switch between the video and Ansys easily using Alt+Tab if you are on a MS Windows computer.
- In newer Ansys versions, there is a new Sketch tab in SpaceClaim with slight changes in the sketching procedure which you should be able to
  able to figure out with a bit of poking around.
- In SpaceClaim, you can zoom in/out using the mouse wheel, rotate using MMB (middle mouse button) and translate using Ctrl+MMB.

Go to Step 3: Mesh

Go to all FLUENT Learning Modules