Steady Flow Past a Cylinder - Numerical Results

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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

Numerical Results

Start the post-processor (CFD-Post): In project window, right-click Results and select Edit.

Pressure Contours

Note: When you open CFD-Post, it opens with a plain wireframe image of the model. In the above video, the video starts off with the 'Velocity Vectors' in the background which is not the case when you start CFD-Post.

Velocity Magnitude Contours

Streamlines

Pressure vs. theta

Go to Step 7: Verification & Validation

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