ANSYS AIM - 3D Lid-Driven Cavity

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Problem Specification 1. Pre-Analysis & Start-Up 2. Geometry 3. Mesh

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Problem Specification

A cube shaped cavity filled with water, shown below, is subjected to a moving lid at a constant velocity which creates rotating recirculation areas in the fluid contained by the cavity.

Plot the velocity vectors, velocity and pressure contours of the cavity as it is subjected to a driving force by the lid.

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