

FLUENT - 2D Transient Diffusion

This page has been moved to <https://courses.ansys.com/index.php/courses/2d-transient-diffusion-using-ansys-fluent/>
Click in the link above if you are not automatically redirected in 10 seconds.

Author(s): Keith Works, Cornell University

Problem Specification

1. Pre-Analysis & Start-Up
2. Geometry + Mesh
3. Model Setup
4. Numerical Solution
5. Numerical Results
6. Verification & Validation

2D Transient Diffusion

Created using ANSYS 2019R2



This tutorial has videos. If you are in a computer lab, make sure to have head phones.

Learning Goals

In this tutorial, you will learn to:

- Model a transient 2D axisymmetric diffusion problem
- Visualize the results and compare to expected results

Problem Specification

See HW statement.

Summary of steps (ANSYS 2019R2):



Transient Diffusi... Instructions.pdf

[Go to Step 1: Pre-Analysis & Start-Up](#)

[Go to all FLUENT Learning Modules](#)