

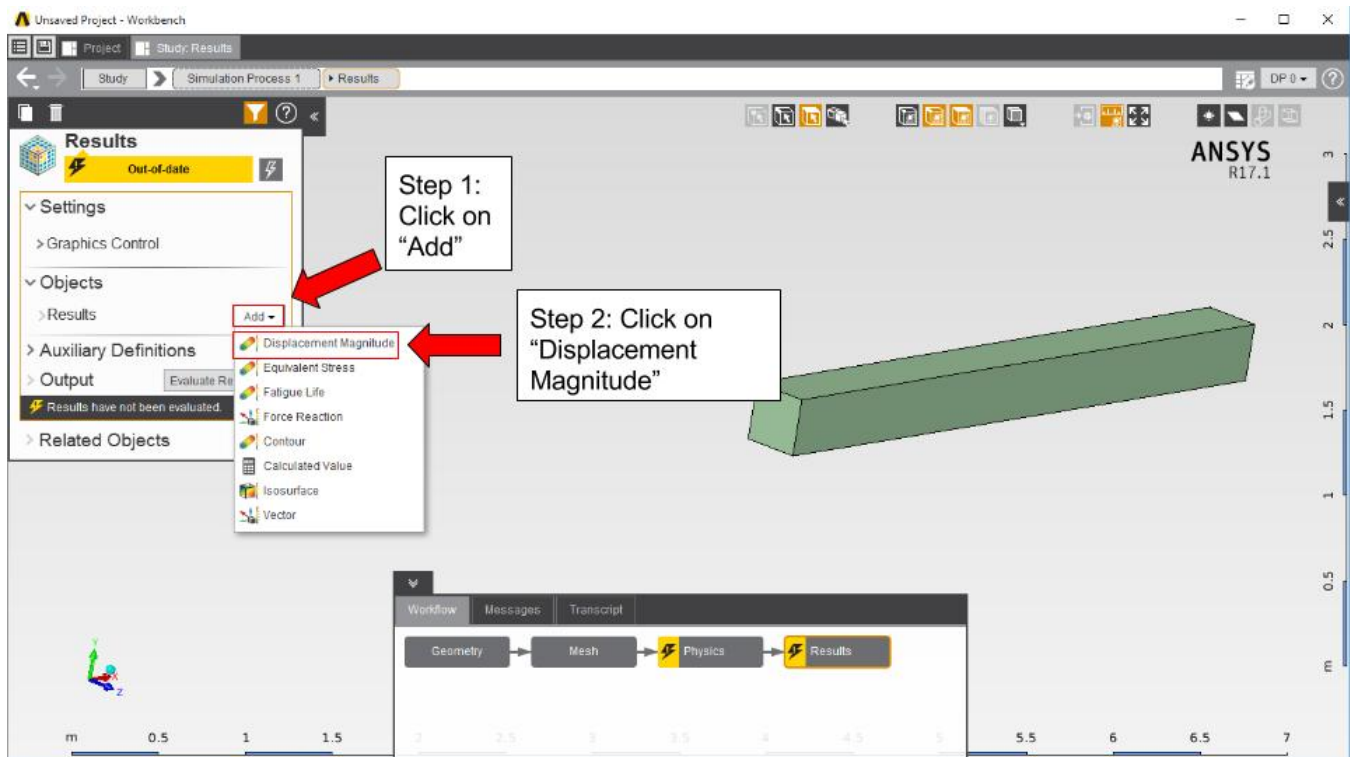
AIM Cantilever Beam Modal Analysis - Numerical Solution & Results

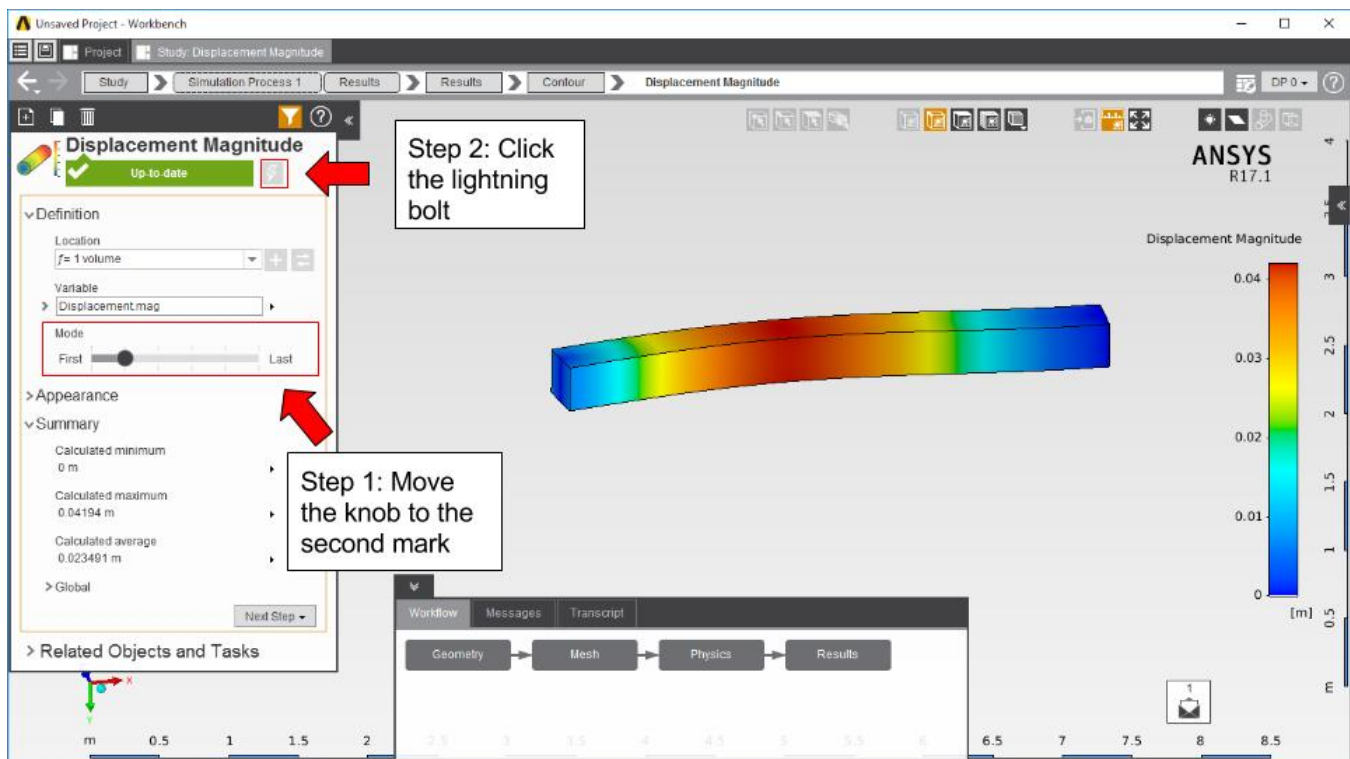
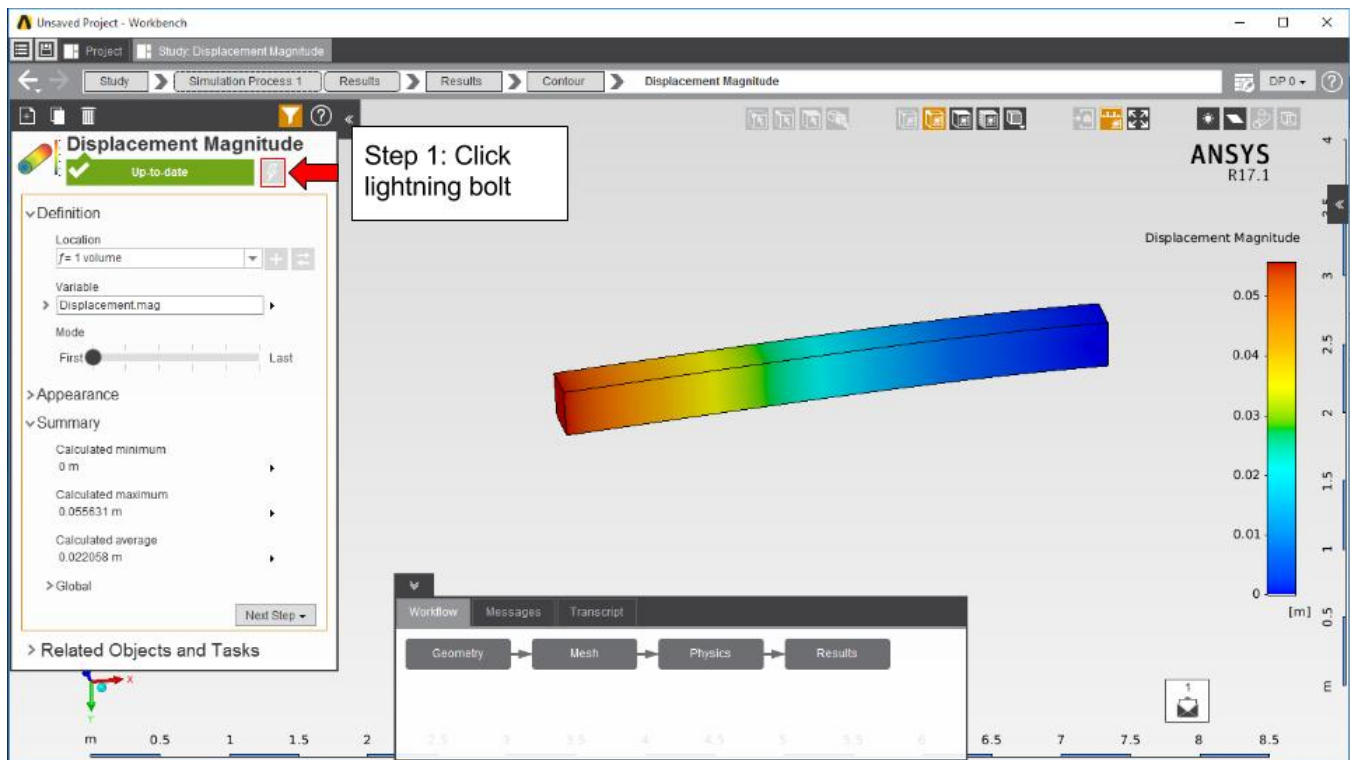
Author(s): Joshua Wallace, ANSYS

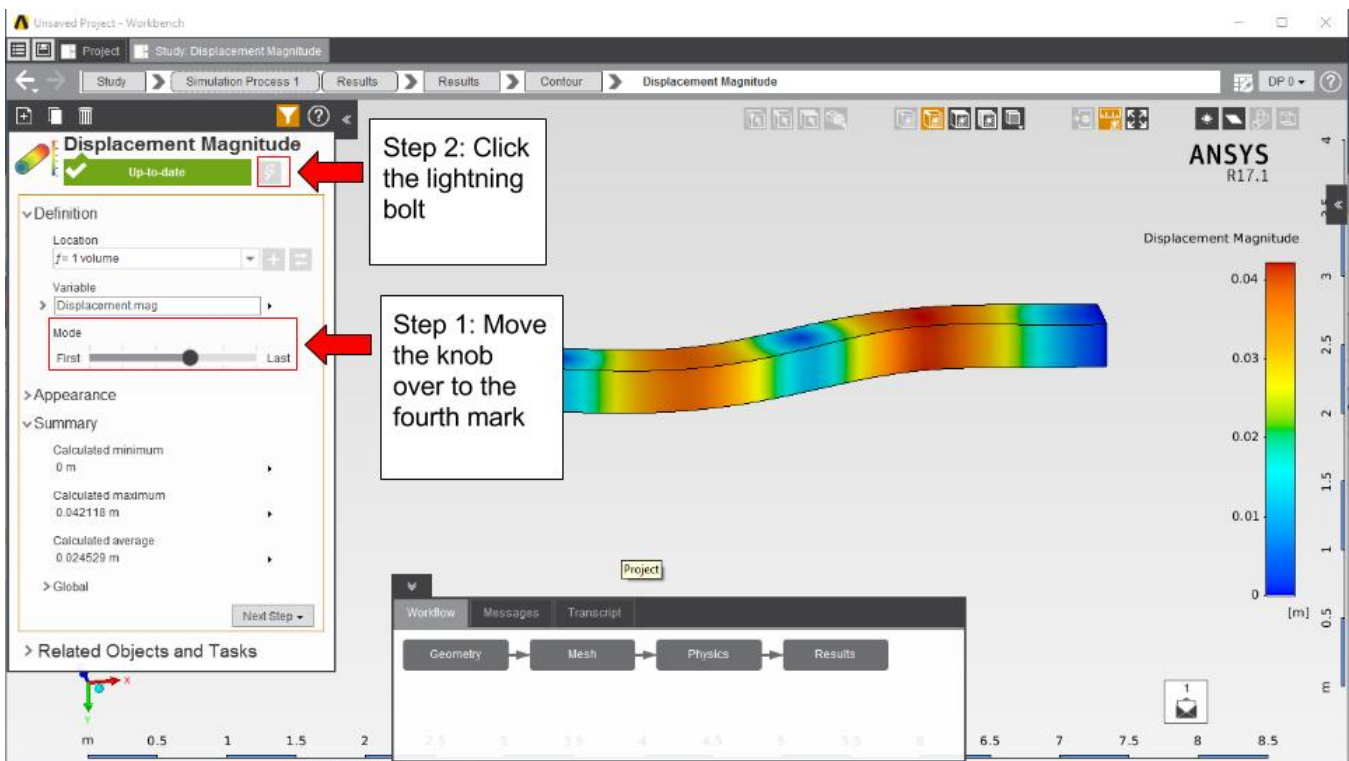
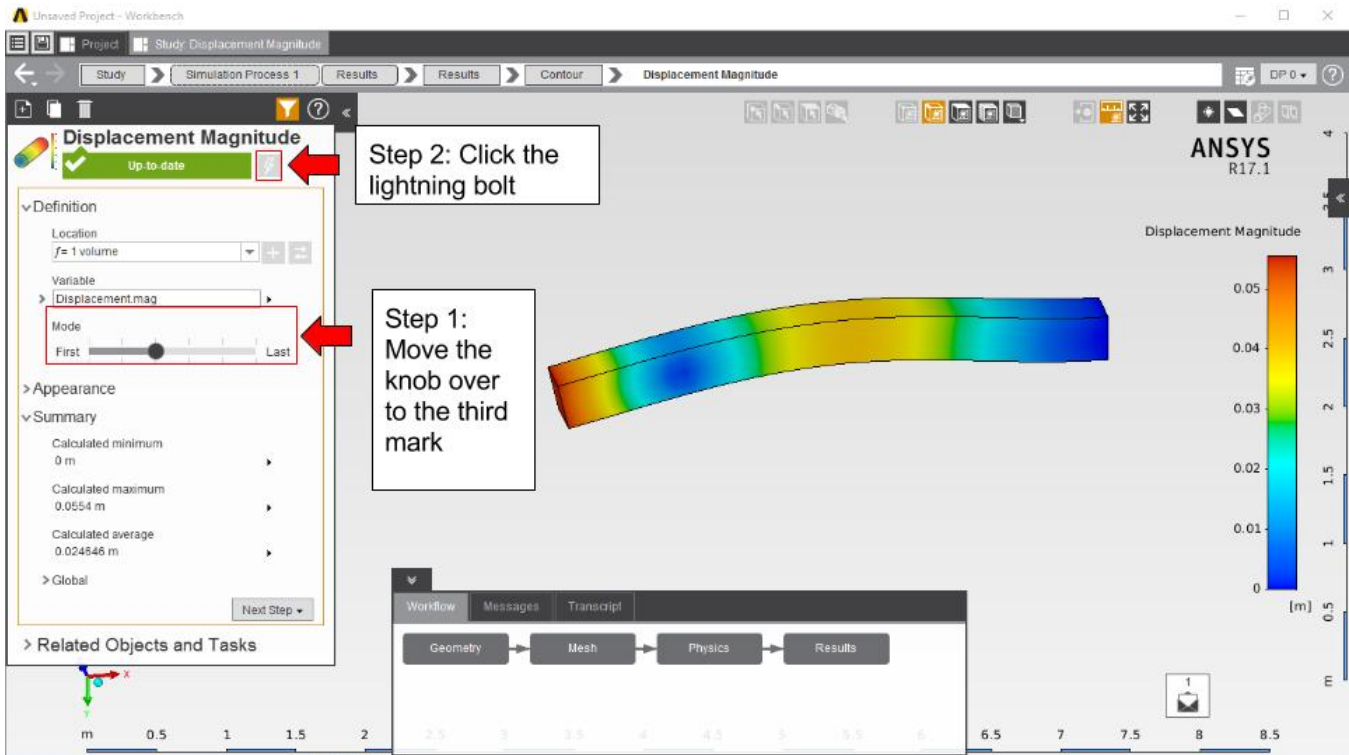
[Problem Specification](#)

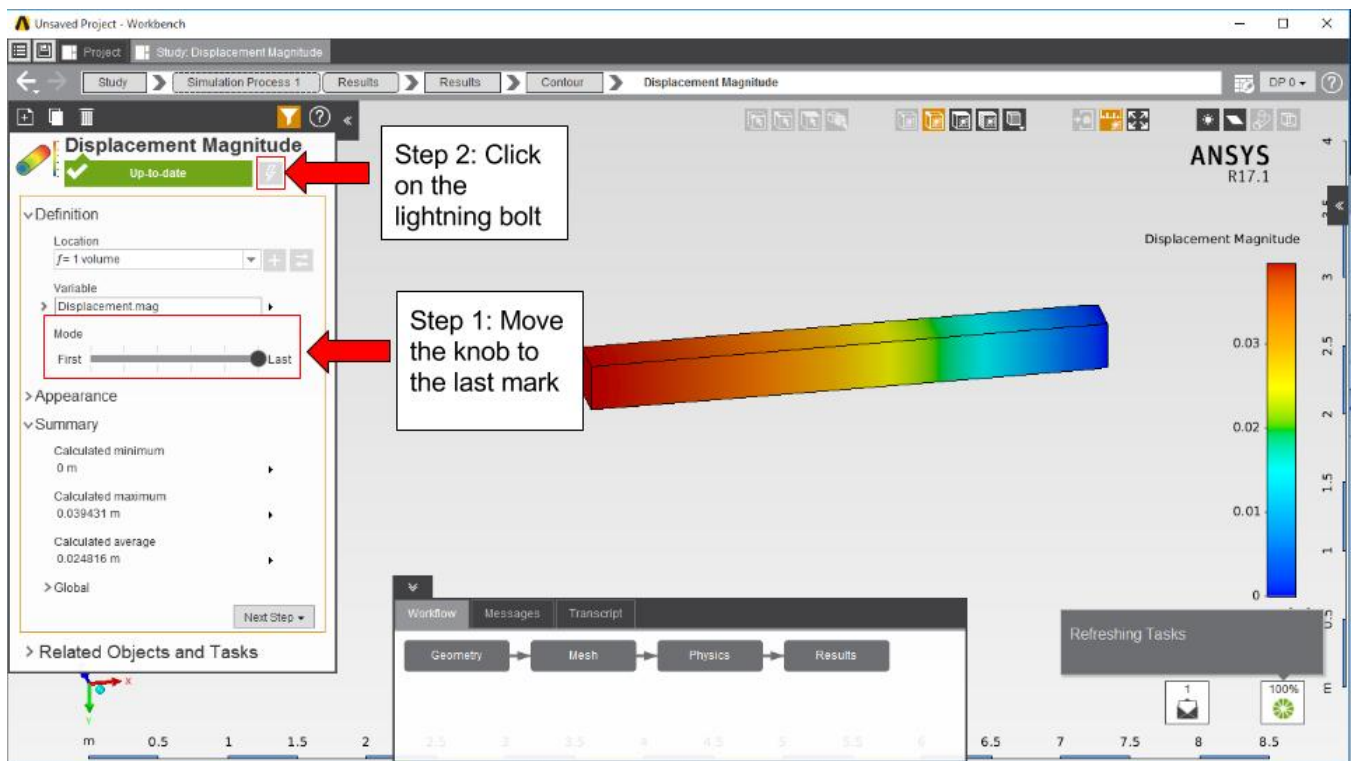
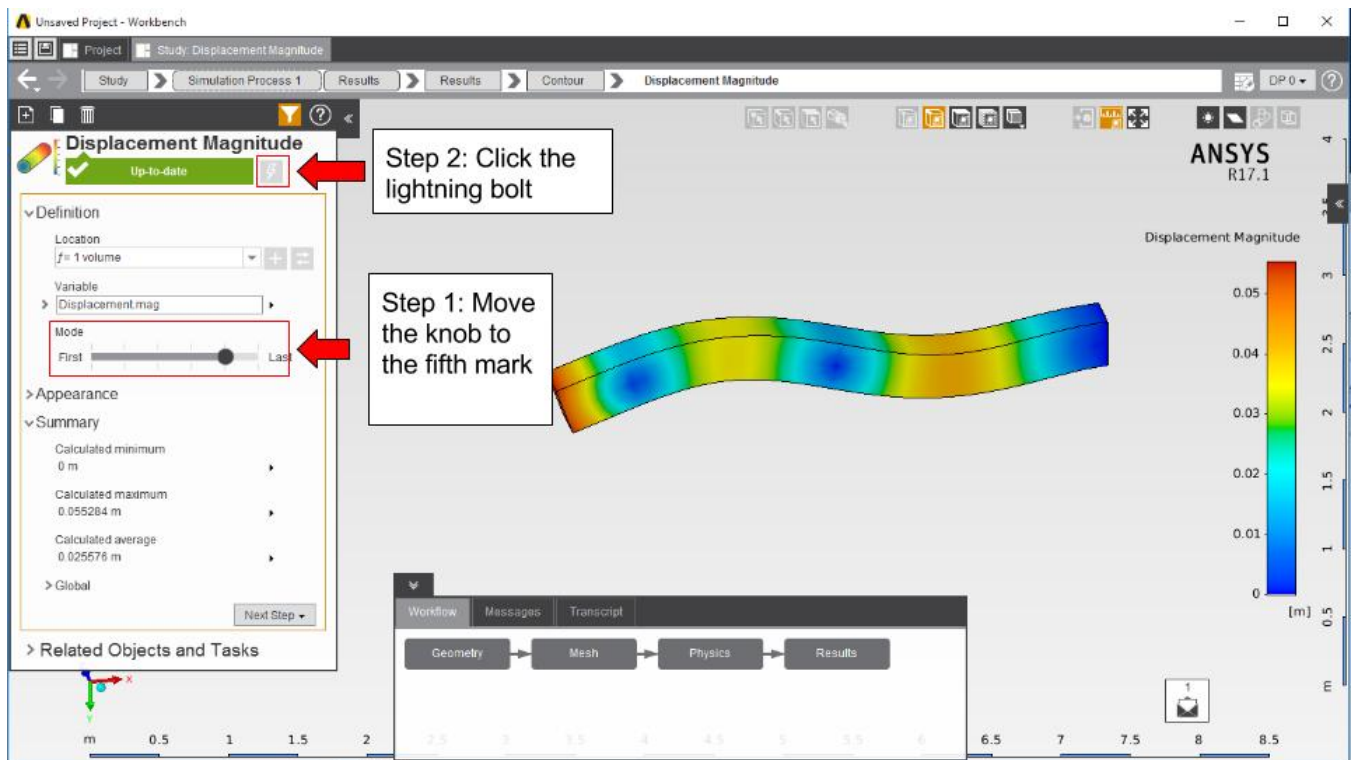
1. Pre-Analysis & Start-Up
2. Geometry
3. Mesh
4. Physics Setup
5. Numerical Solution & Results

Numerical Solution & Results









ANSYS R17.1

Step 1: Click on "Physics"

Step 2: Click on "Eigenvalues" to see table of natural frequencies

Mode	Frequency (Hz)
1	17.821
2	79.357
3	107.95
4	226.27
5	287.78
6	319.58

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