

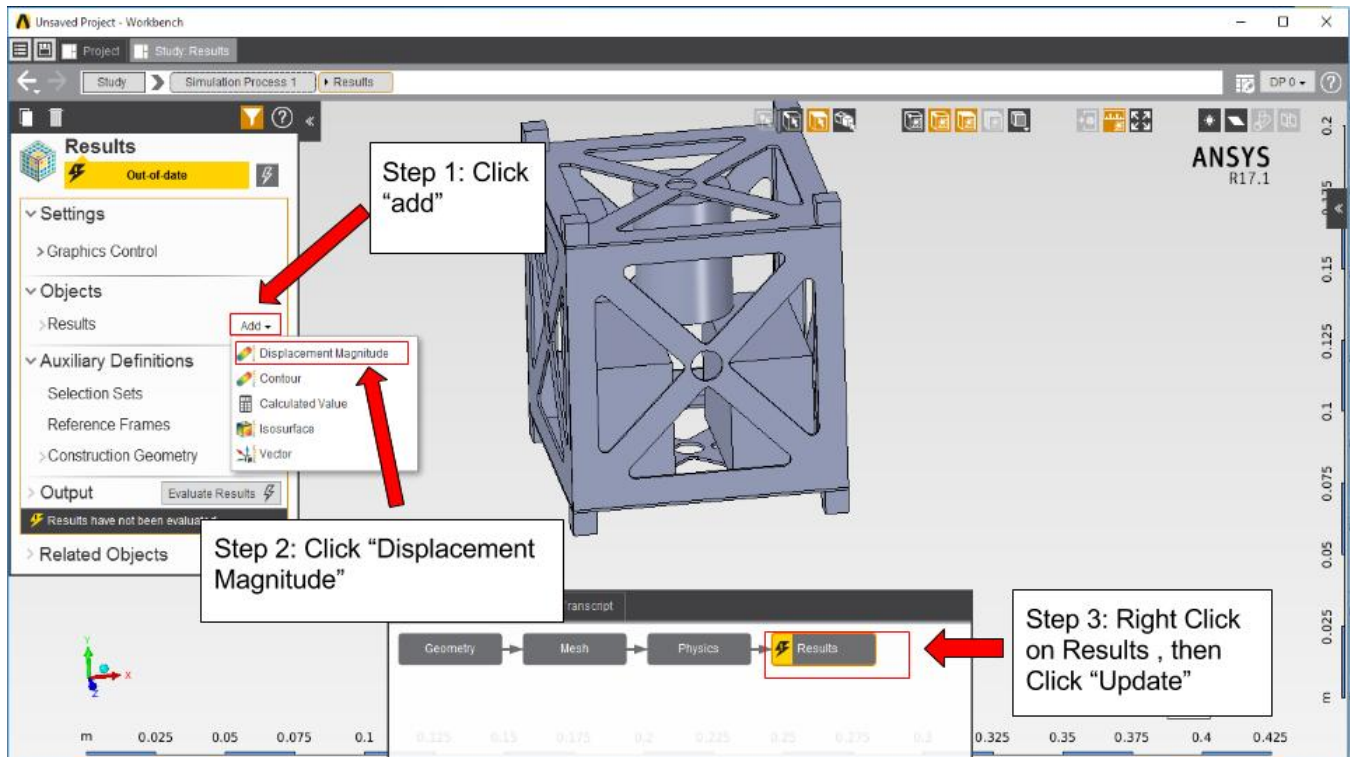
AIM Modal Analysis of a Satellite - Numerical Solution & Results

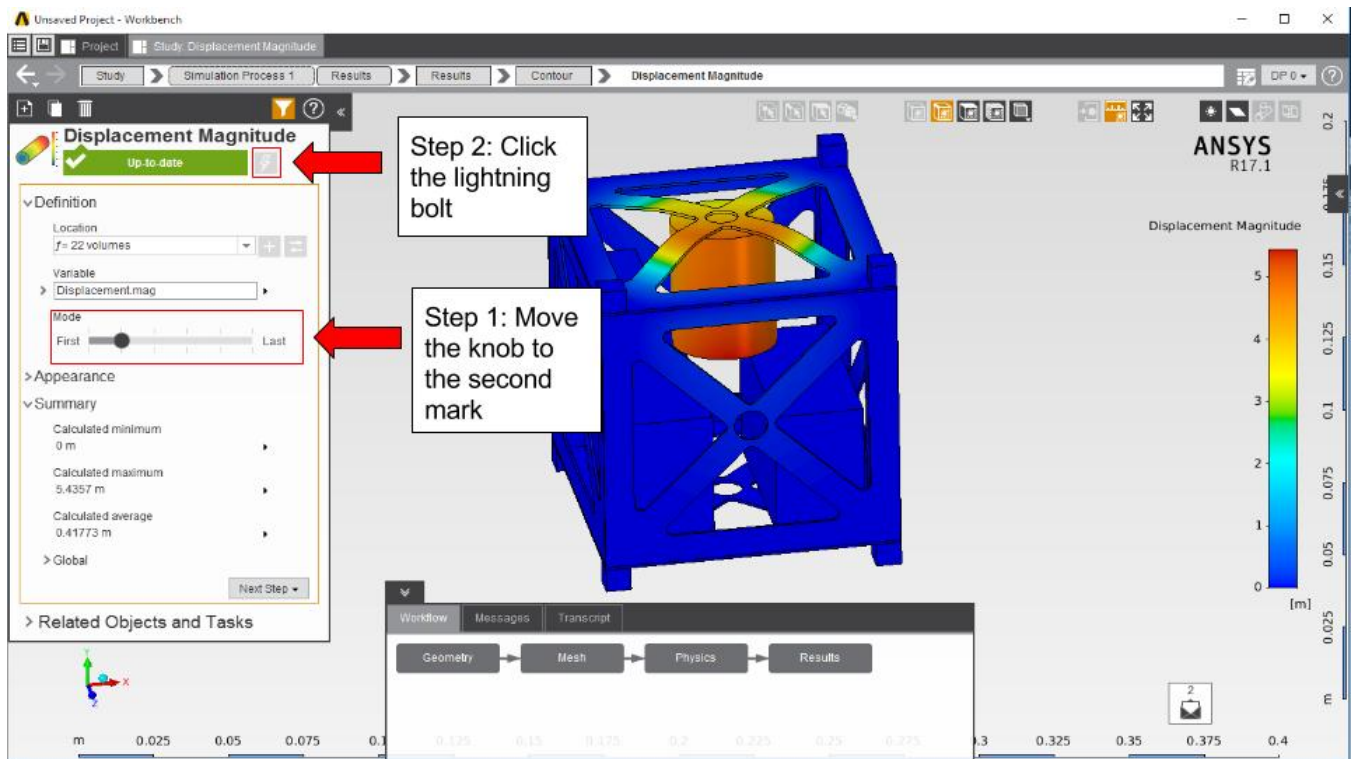
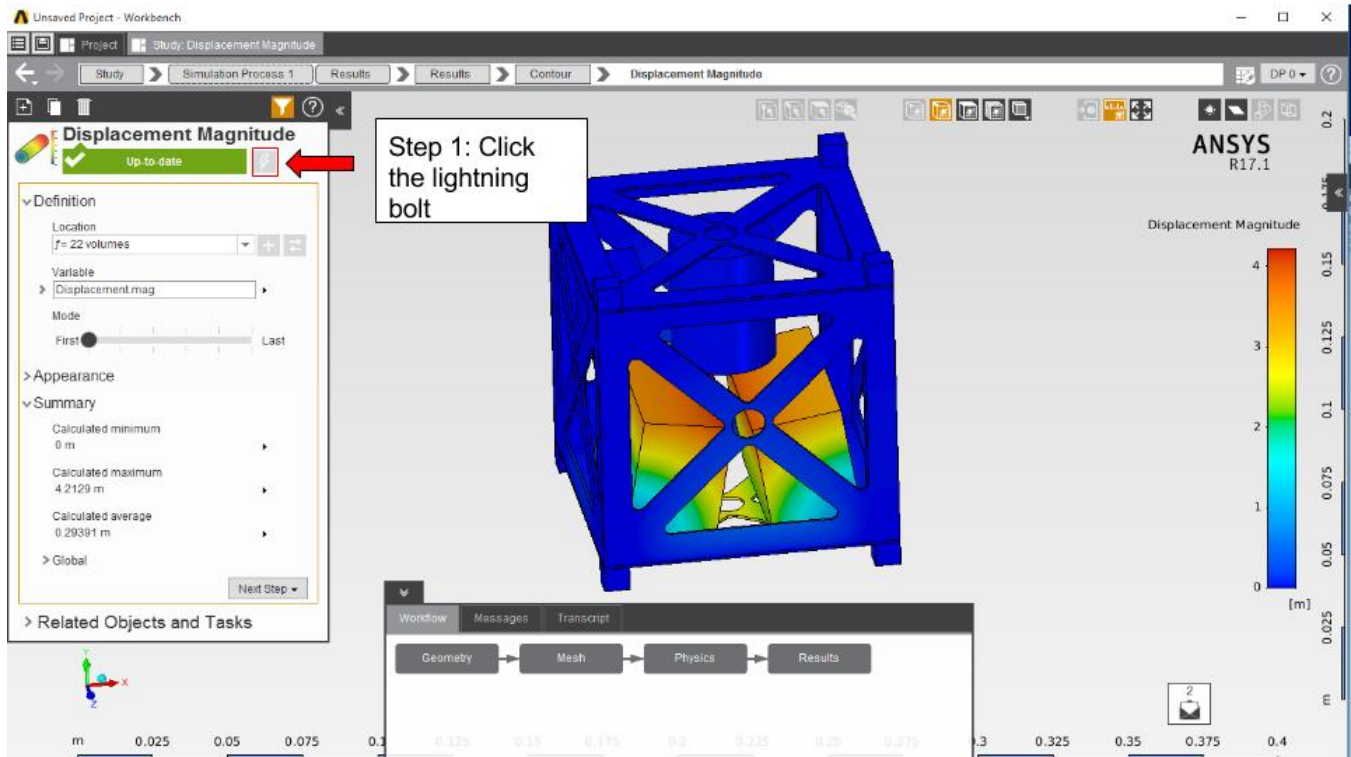
Author: Joshua Wallace, ANSYS

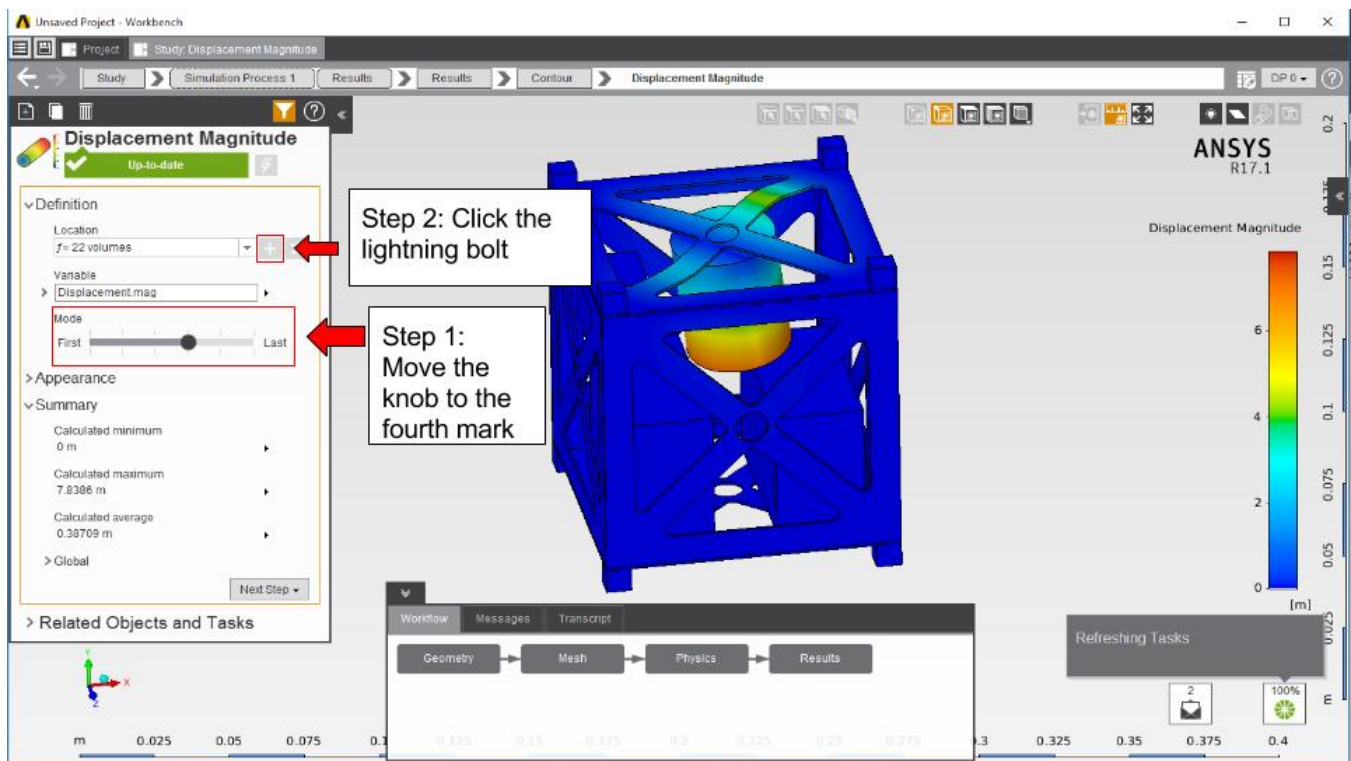
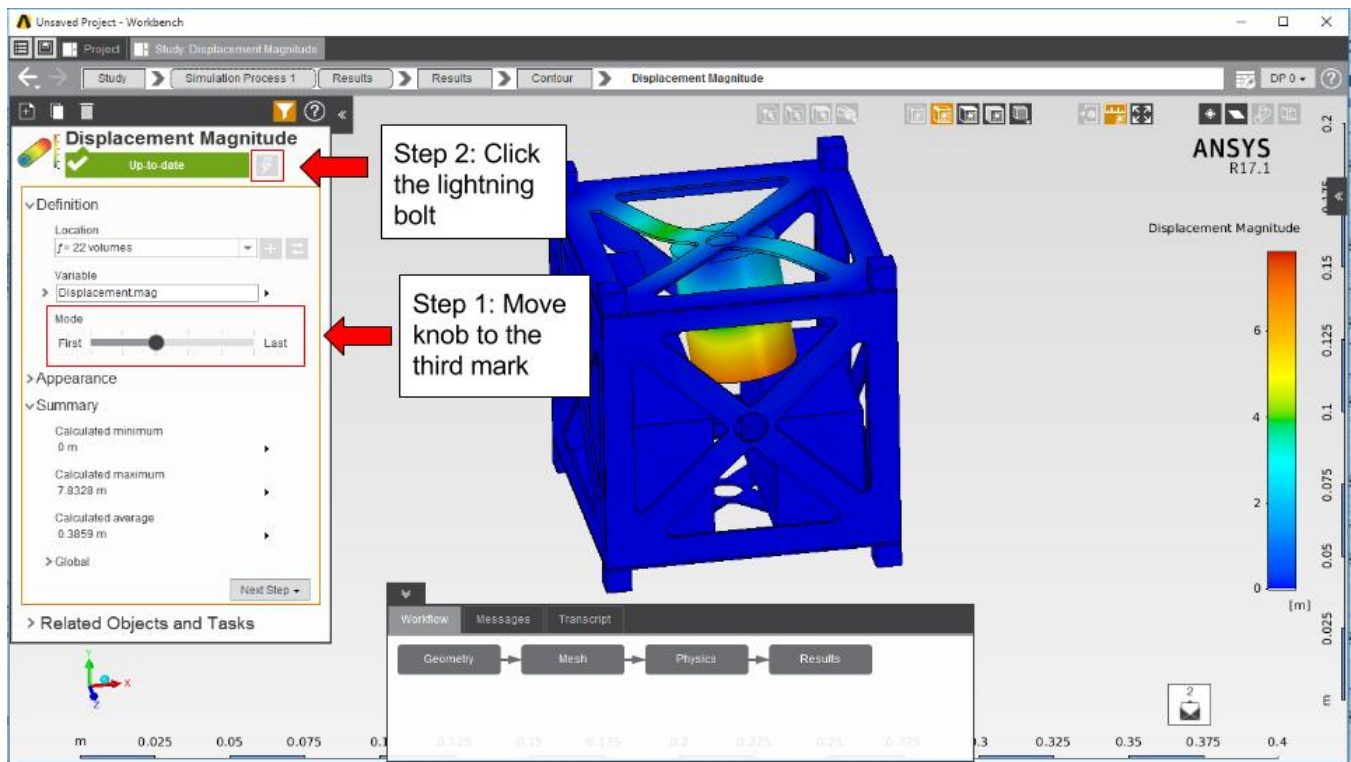
[Problem Specification](#)

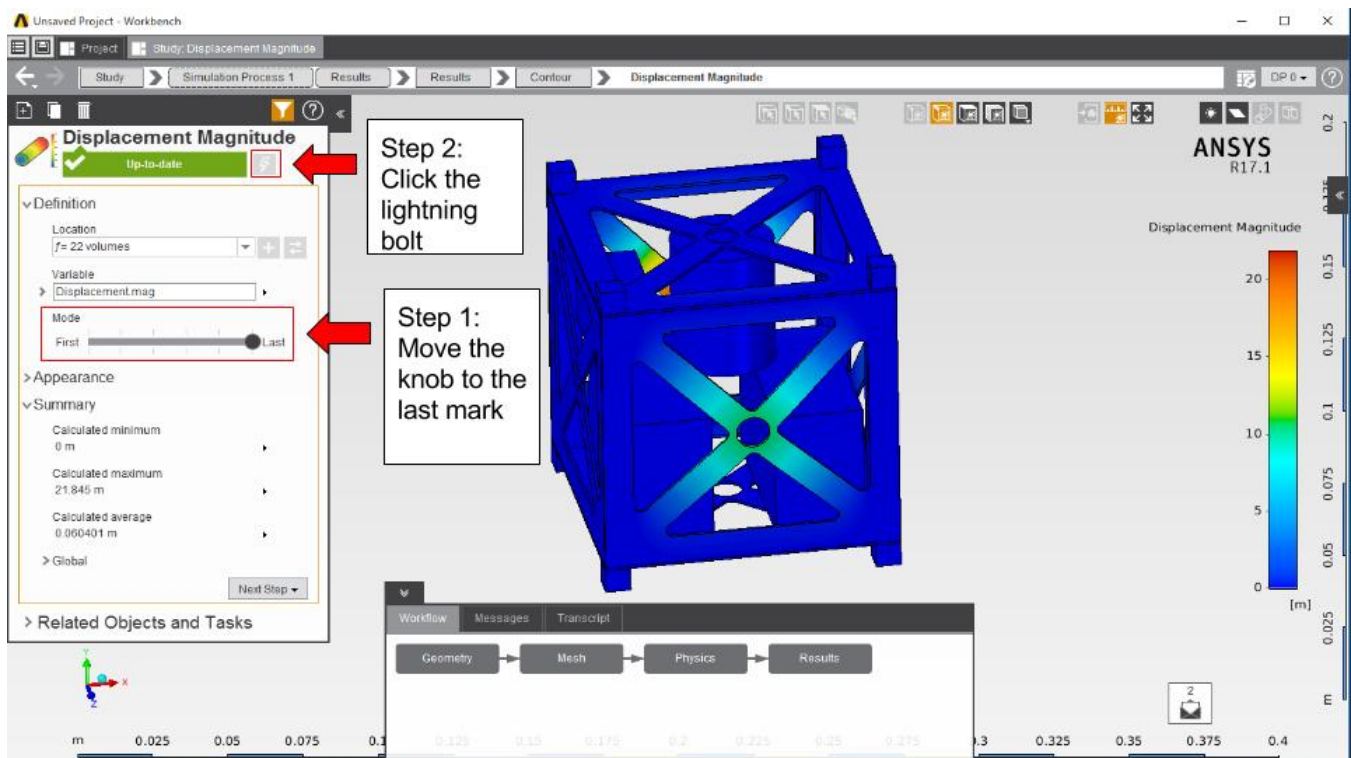
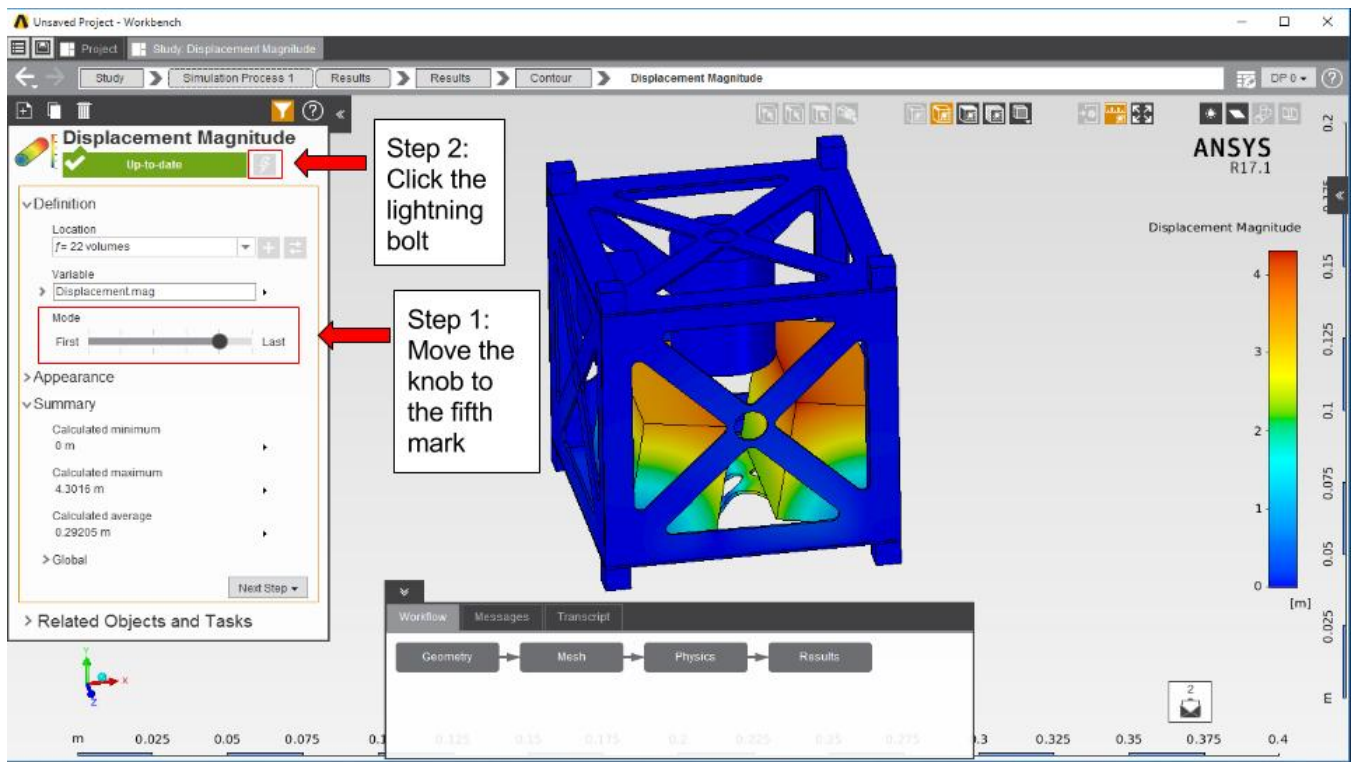
1. Start-Up
2. Geometry
3. Mesh
4. Physics Setup
5. Numerical Solution & Results

Numerical Solution & Results









Below is the table of natural frequencies.

| Mode | Frequency Hz |
|------|--------------|
| 1 | 154.24 |
| 2 | 163.17 |
| 3 | 164.91 |
| 4 | 166.47 |
| 5 | 393.34 |
| 6 | 543.03 |

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