Instructions for ElmerGUI Tutorials

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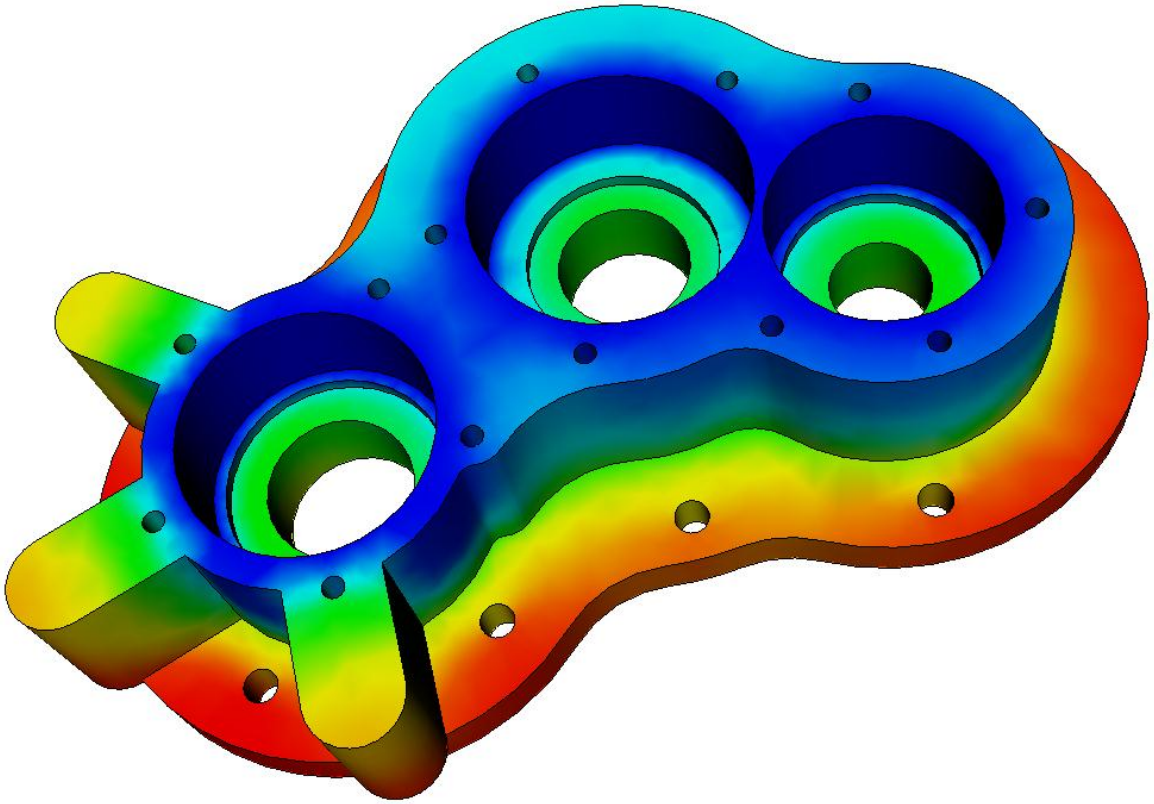
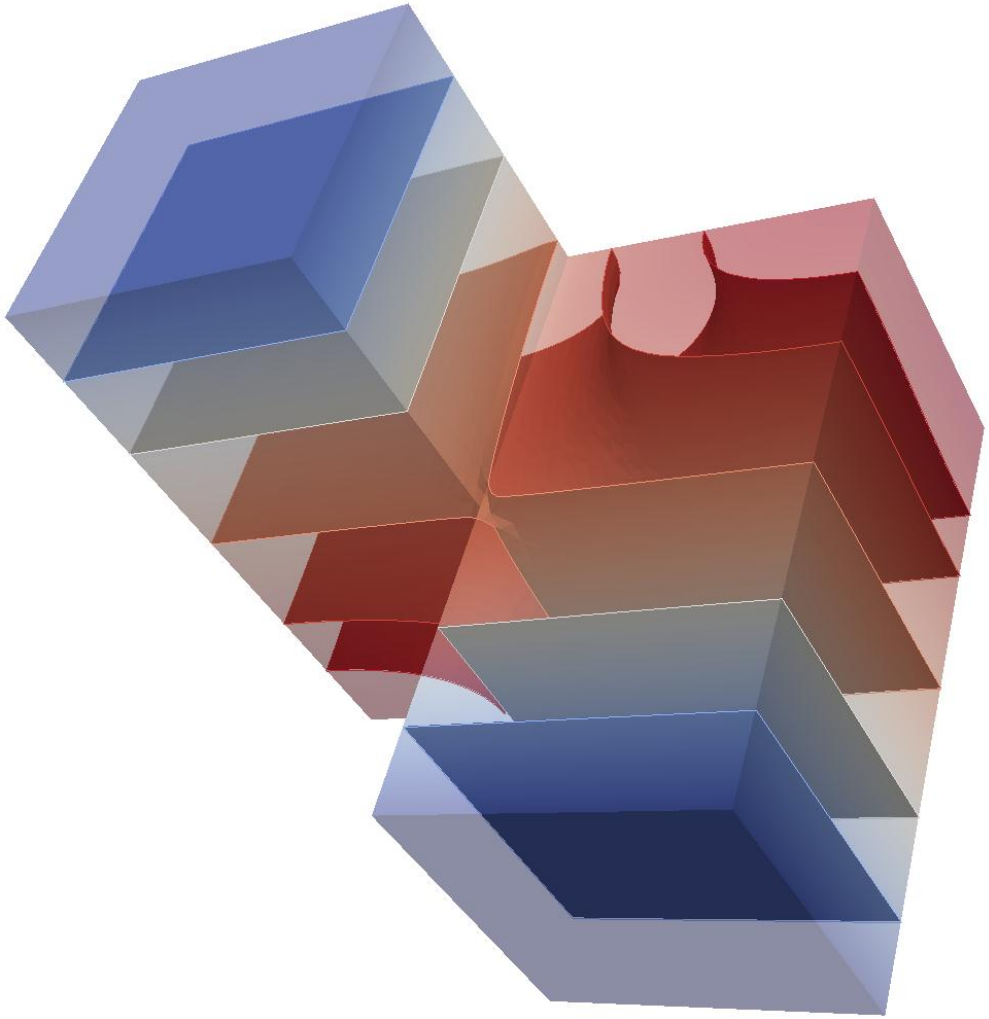
Tutorials GUI instructions

- Copy and unzip the virtual machine
- Start Virtual Machine under VMPlayer
- Input files should be available under **`Work/TutorialsMeshFiles`**
- The instructions written in verbatim refer to operations with the GUI.
  - Intendation means step in the menu hierarchy.
- Missing solver menus may be found at **`/usr/local/Elmer/bin/edf-extra`**
- To use **Paraview** change the Post File suffix to **`.vtu`**

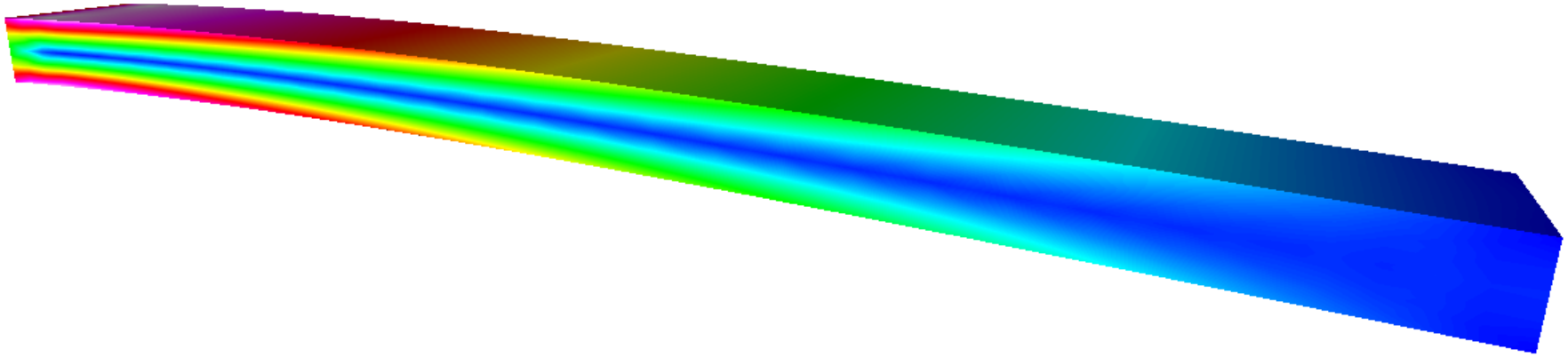
1. Temperature field of a solid object



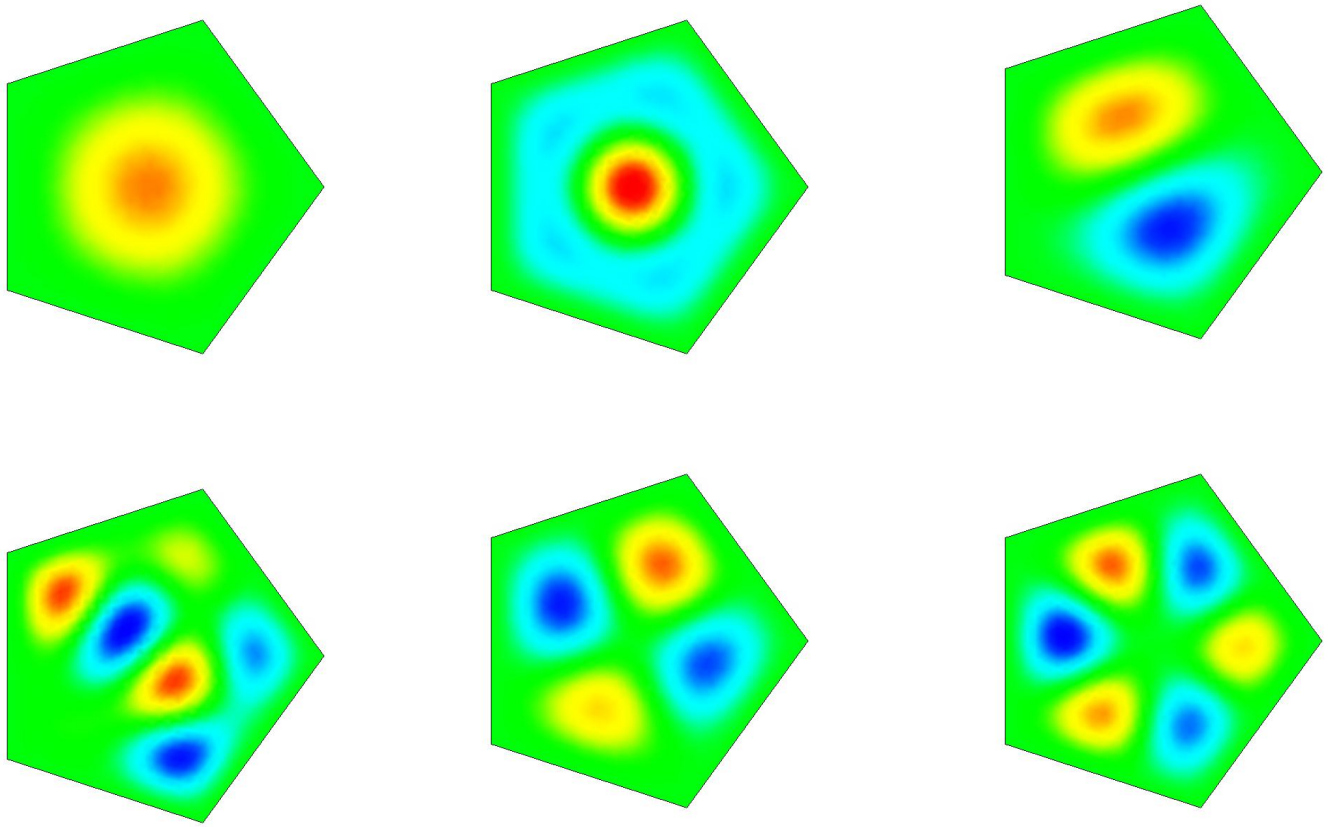
2. Model PDE



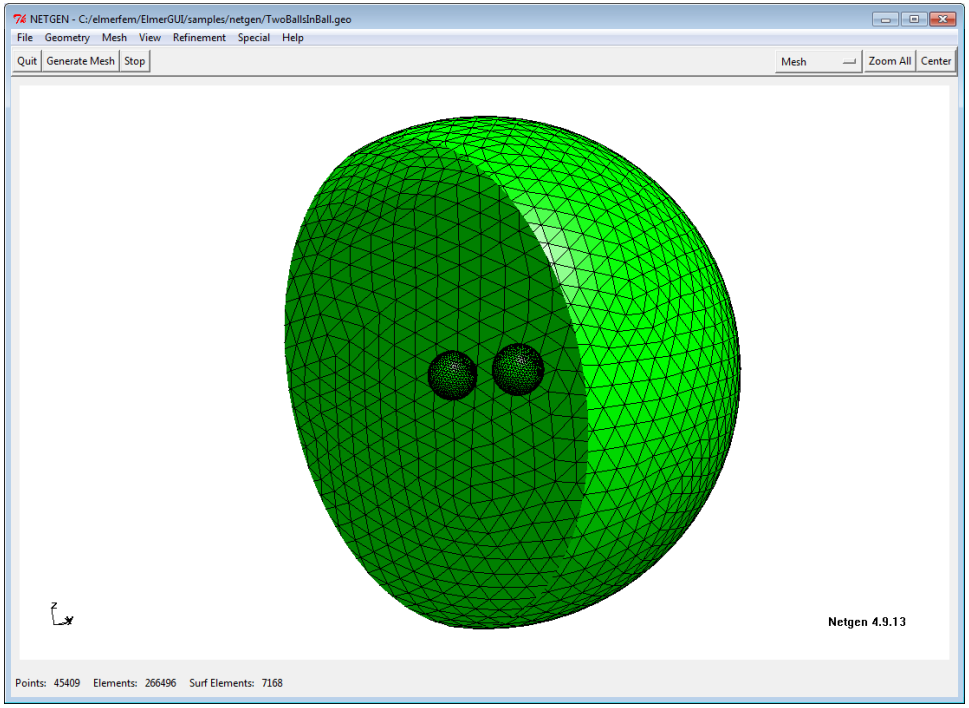
3. Loaded elastic beam in 3D

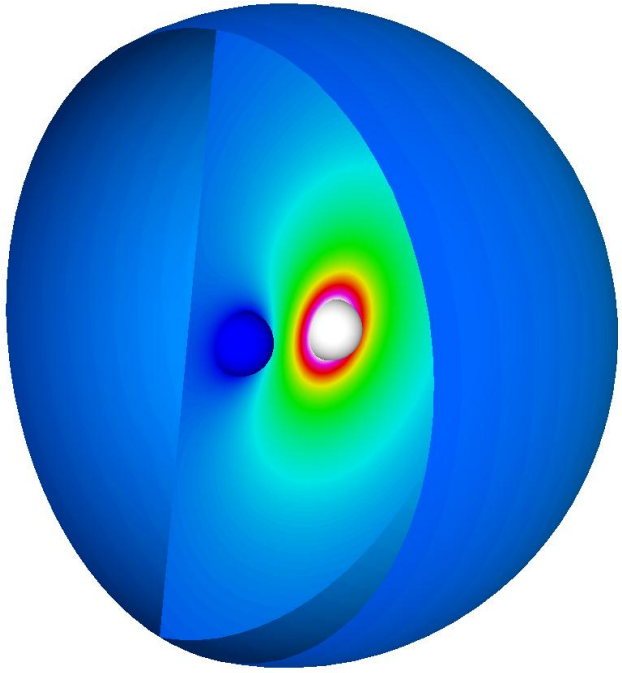


4. Eigenmodes of a elastic plate

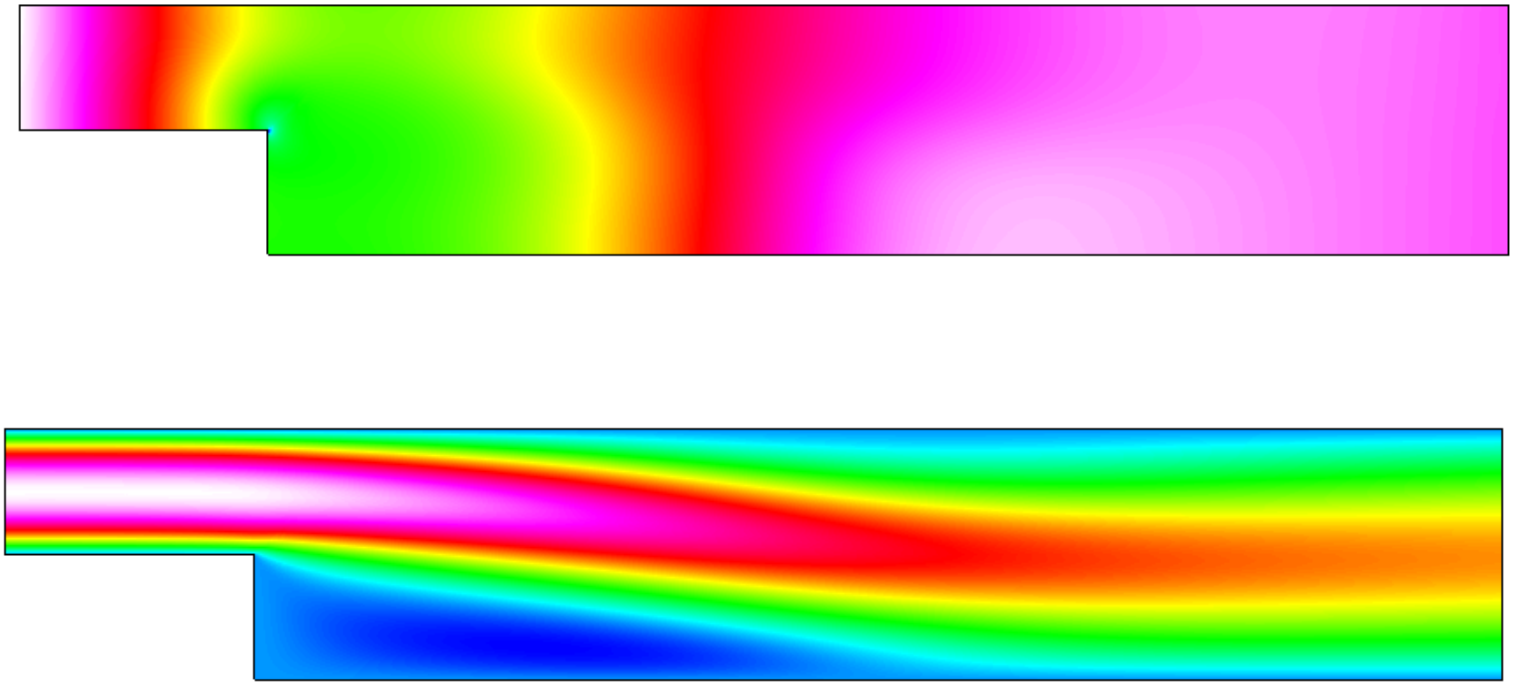


5. Capacitance of two balls in free space

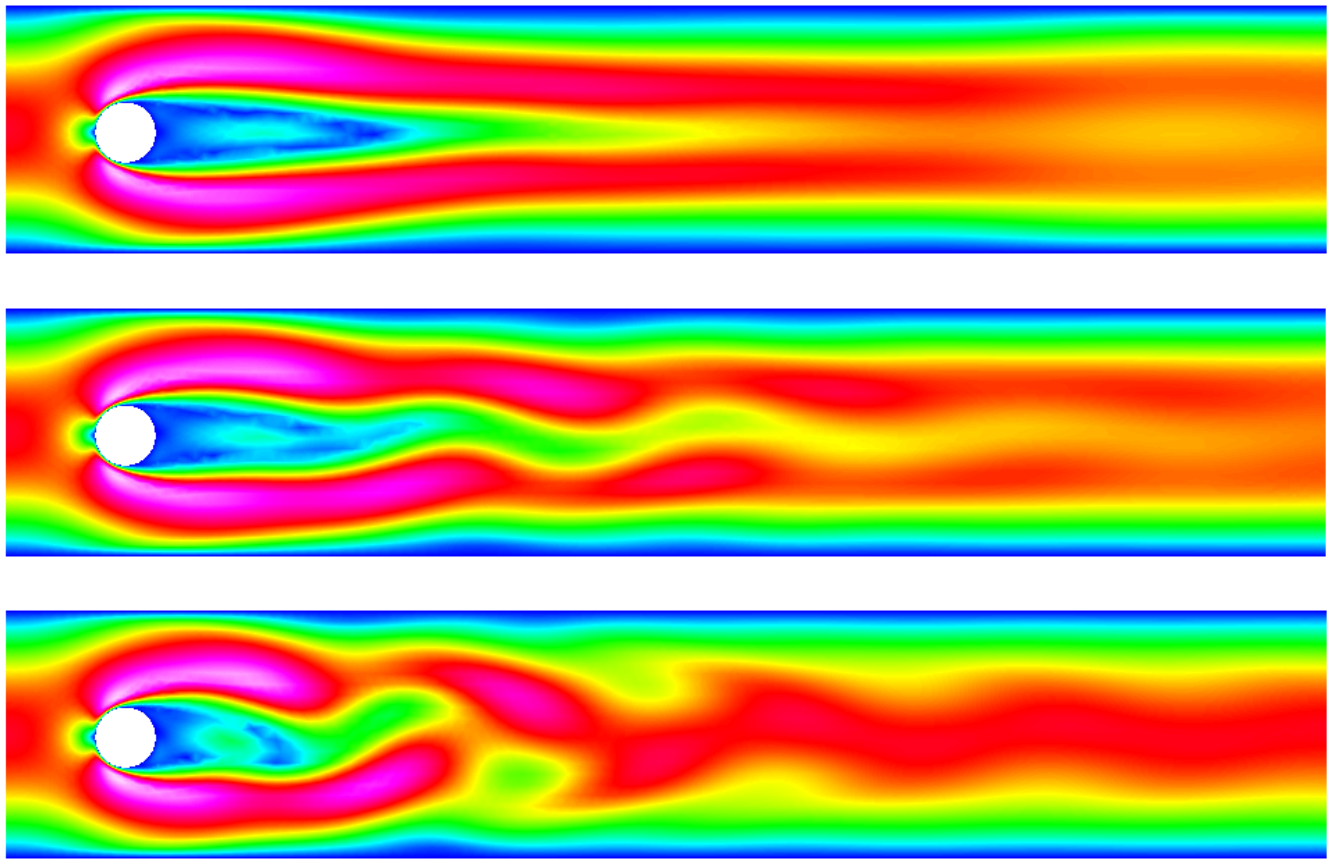




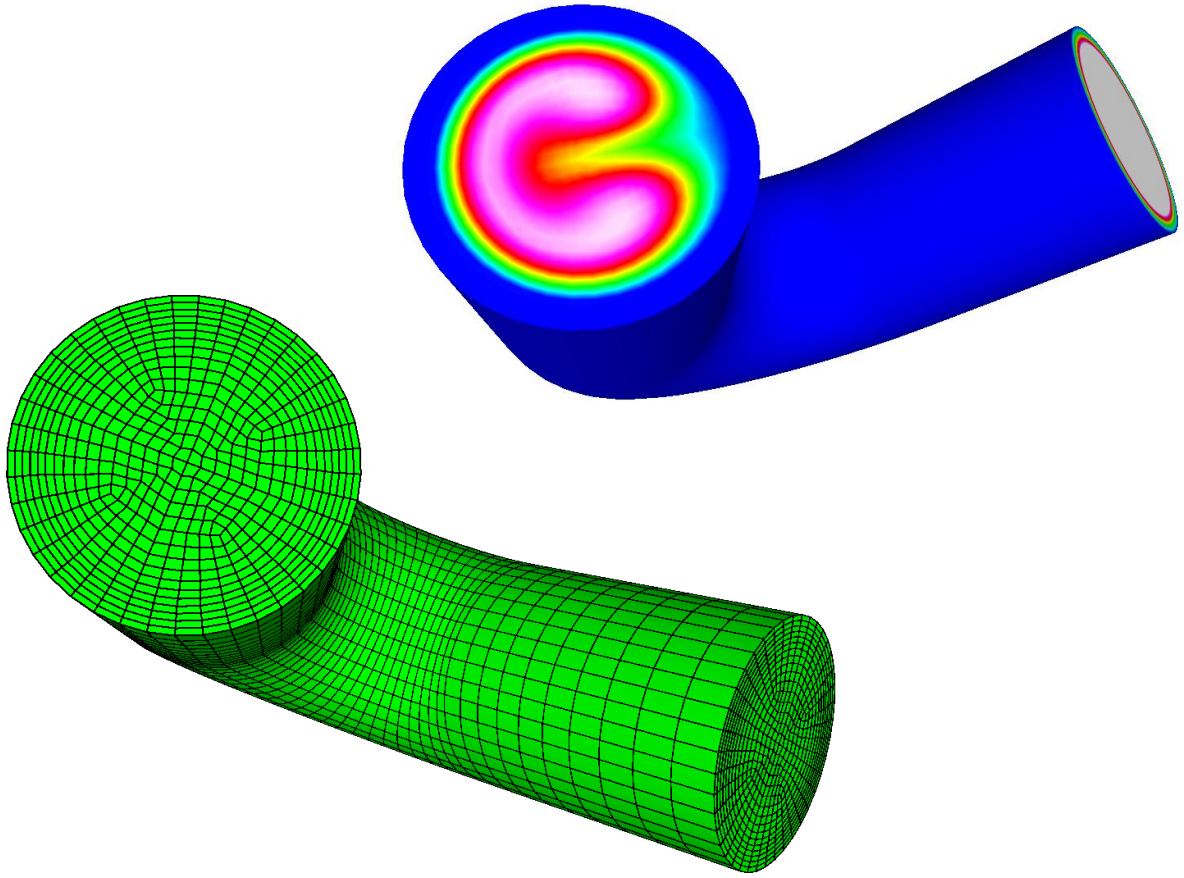
6. Flow passing a step, Re=100



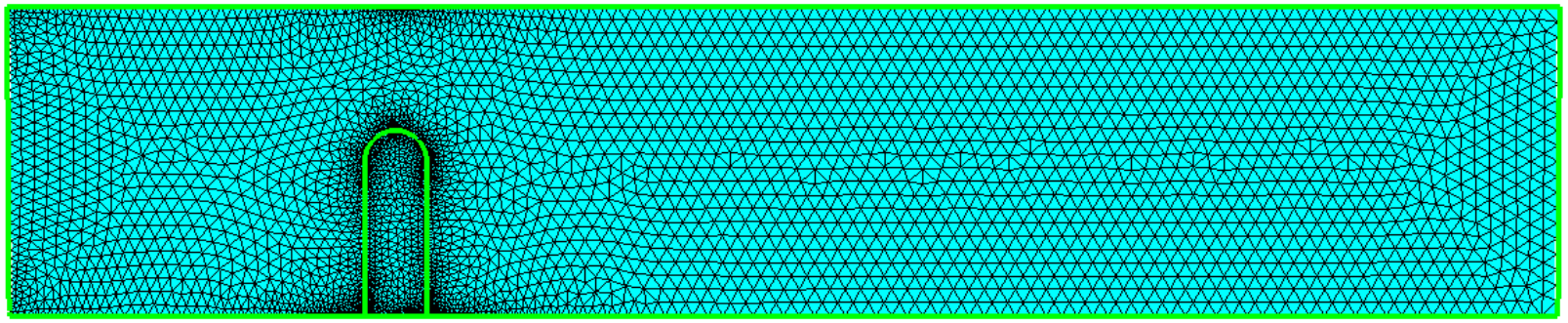
7. Vortex shedding



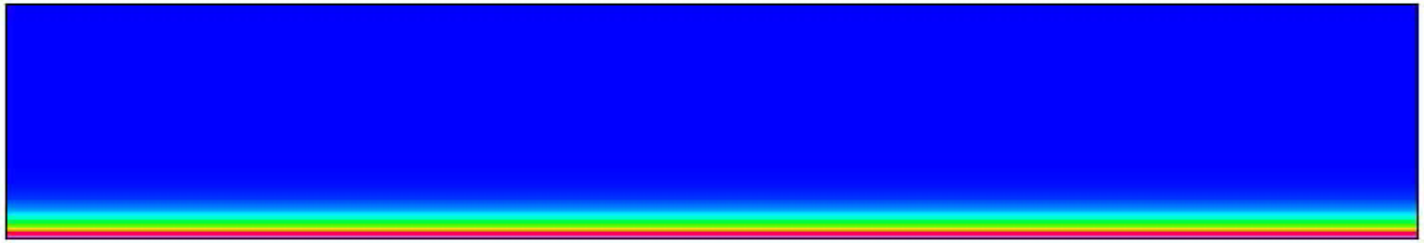
8. Thermal flow in curved pipe



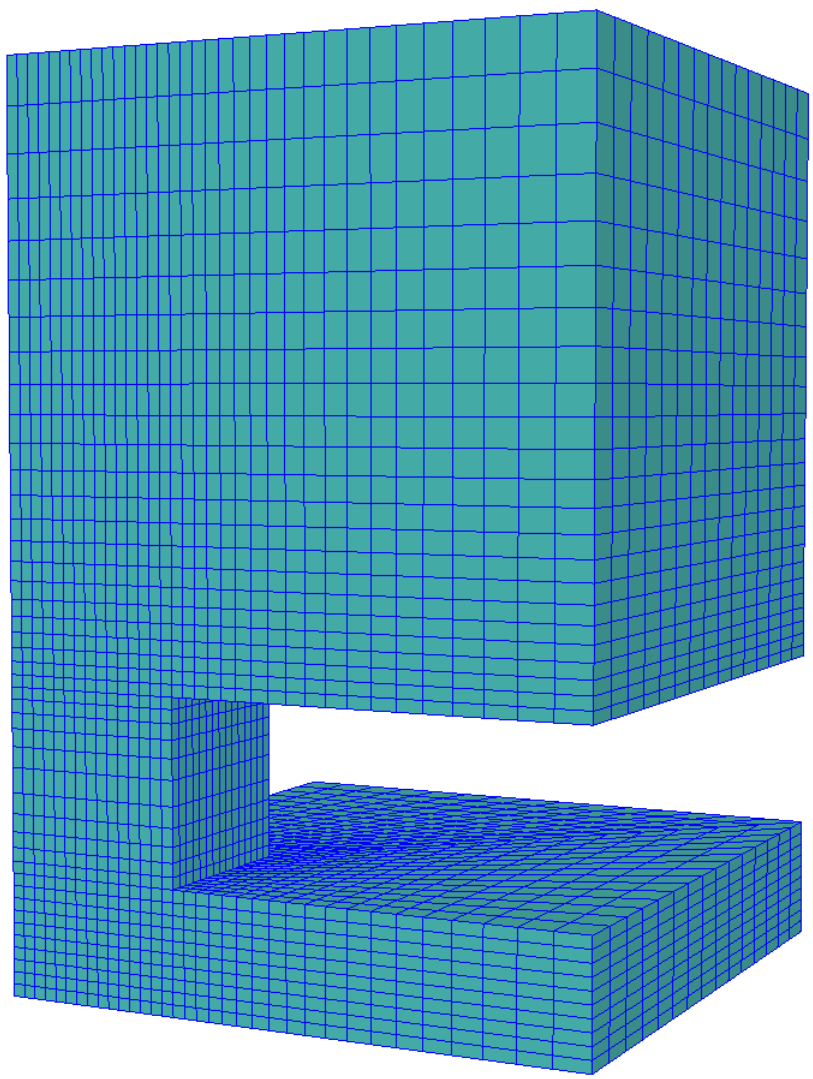
9. Obstacle with fluid-structure interaction

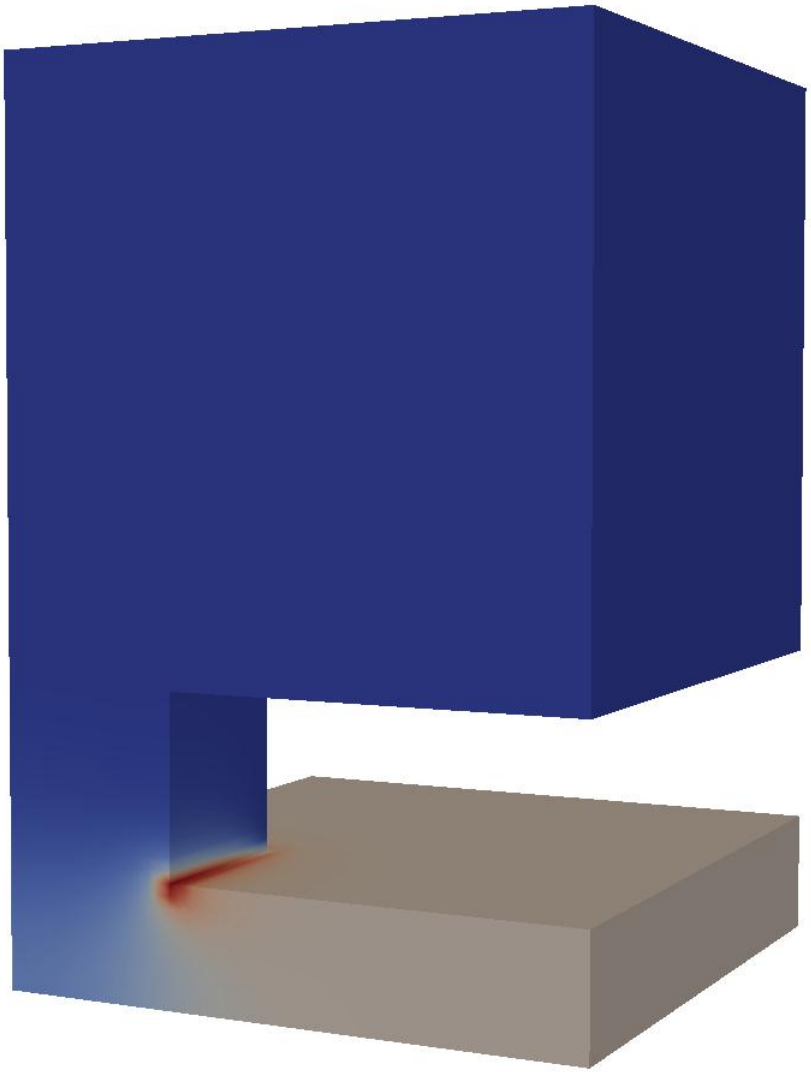


10. Rayleigh-Benard Instability

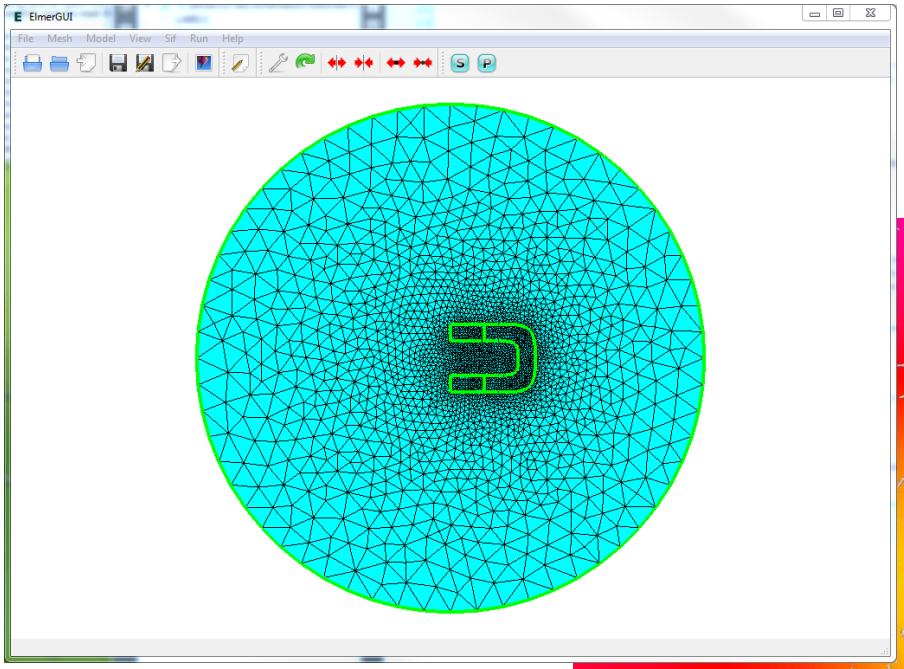


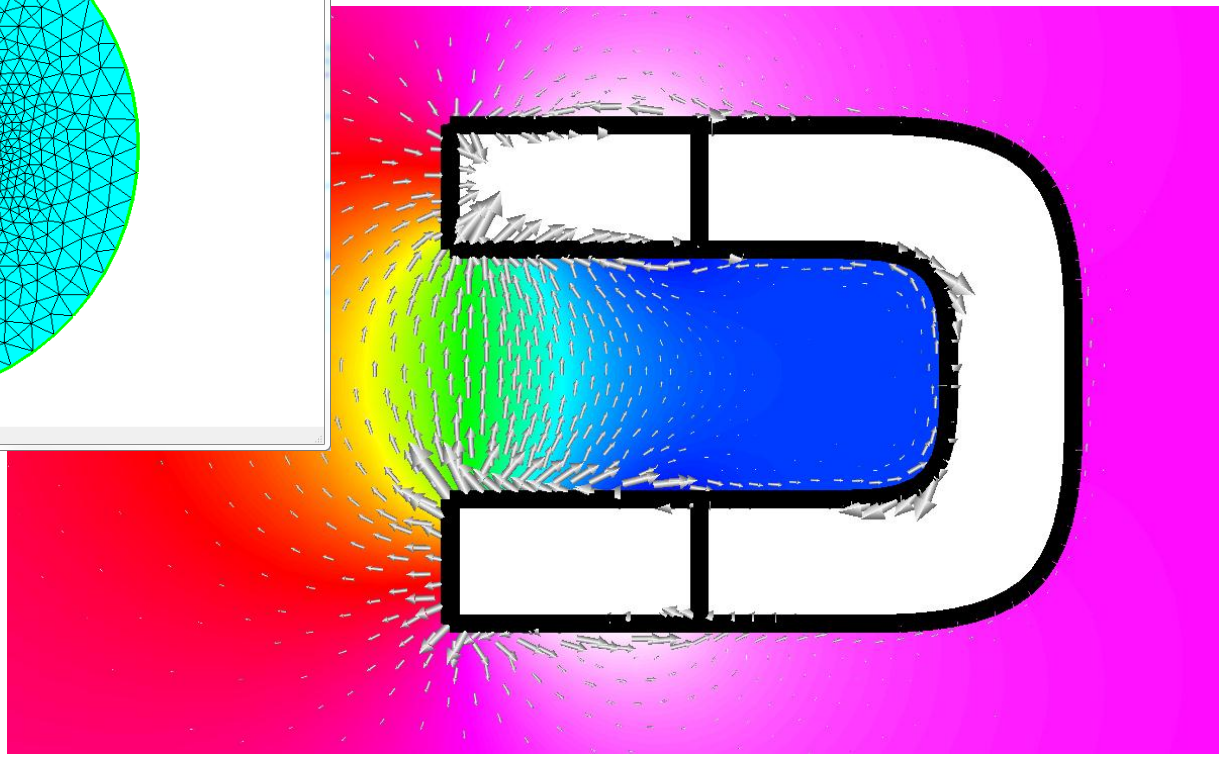
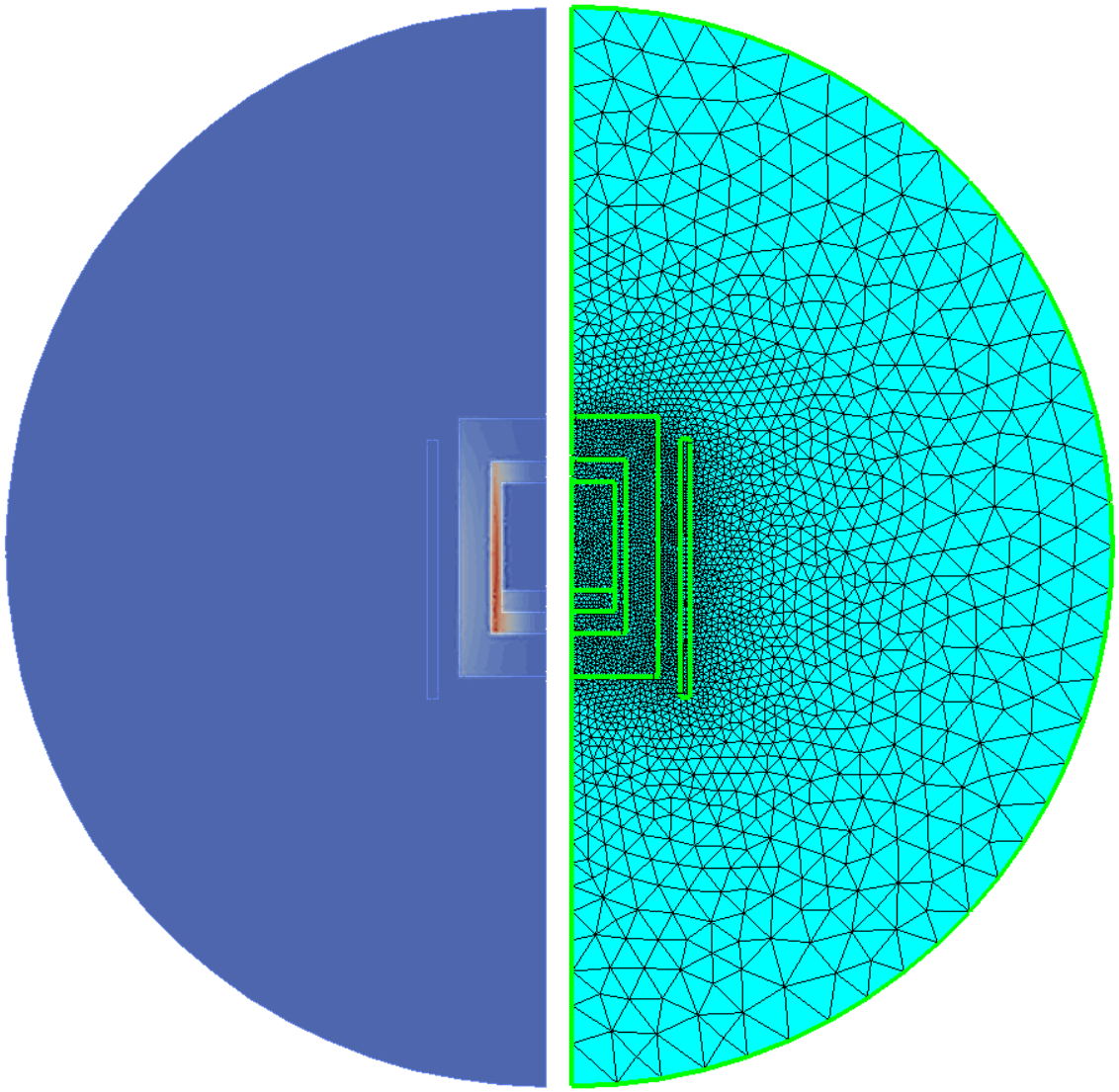
11. Capacitance of a perforated plate





12. Permanent magnet shaped like a horse shoe





13. Induction heating in a graphite crucible