AIM Thermal Stresses in a Bar - Results

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Result

Press the **Results** button in the **Workflow** to extract information from the simulation. In order to find information that can be readily used, first press **Evaluate Results**. Once the evaluation is complete, AIM will automatically output three contours in the Results section under **Objects**. They should be **Temperature 1**, **Equivalent Stress 1** and **Displacement Magnitude 1**. The displacement magnitude contour is shown below. The end closest to the wall moved the least while the free end moved the maximum amount allowed. The movement can be viewed by pressing the **Play** button in the top of the model window after having selected the specific contour.

Below is a close up of the free end of the bar while showing the equivalent stress contour. Both ends are identical because the fixed end needs to match the free end; otherwise, it wouldn't be fixed anymore, it would move through the wall.

Go to Step 6: Validation

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