

Bike Crank (Part 2) - Numerical Solution

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Numerical Solution

In this section, we give each gauge a local coordinate system, or elemental triads. These will be later used to compute the strain solution in the proper direction. We then update the solution.

Summary of steps in the above video:

1. Right click on Solution > Insert > Coordinate Systems > Elemental Triads
2. Under Details > Select Body > Zoom into strain gauges > click on strain gauge (taking use of the layer selection) > Apply
3. Do the same for the two other strain gauges
4. Click Solve

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