ANSYS - Linear Column Buckling

Author: Matt Scott, Cornell University Problem Specification 1. Pre-Analysis & Start-Up 2. Geometry 3. Mesh 4. Physics Setup 5. Numerical Solution 6. Numerical Results 7. Verification & Validation Exercises Comments

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Linear Column Buckling

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Problem Specification

Consider the column in the figure below. It is pinned on both ends and supports an axial load. The column has a circular cross section with a diameter of . 5m and is 20m long. It is constructed of structural steel with a Young's modulous of 2E+11 Pa and a poisson's ratio of .3. Calculate the critical buckling load of the column.



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