ANSYS - Bone Compression

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Rat Femur

Created using ANSYS 2019 R2

⚠ Under Construction

Problem Specification

Consider the bone model shown in the figure below. The geometry was obtained using a CT scan. The model is in compression. Additionally, assume the femur has a Young's Modulus of ?? GPa and a Poisson Ratio of ??. Using ANSYS, calculate the following:

??

Summary of steps used in this tutorial can be downloaded here.

Go to Step 1: Pre-Analysis & Start-Up

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