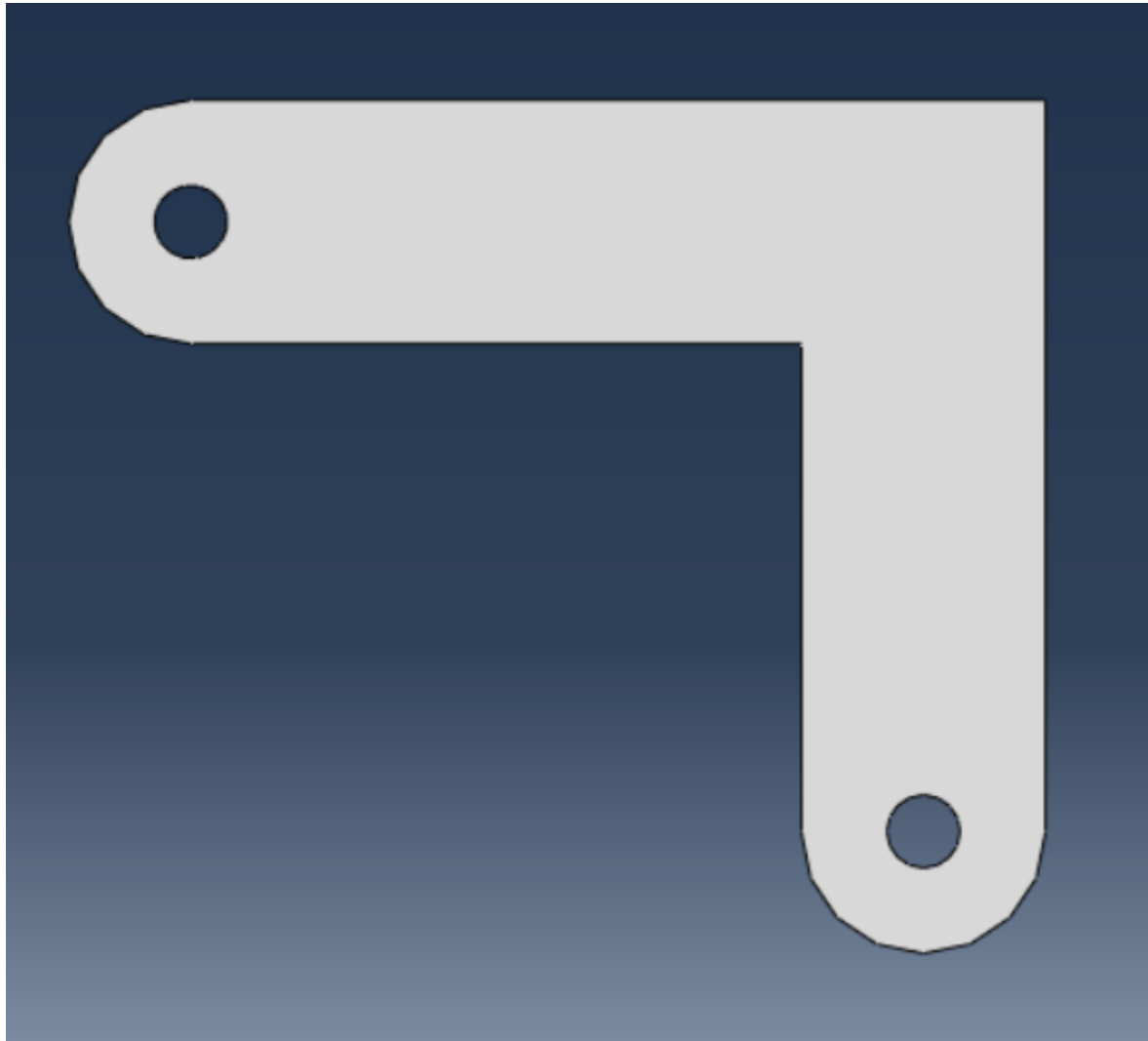


Project 1: ABAQUS Static Structural: Mounting Bracket

Problem Statement: Evaluate the static structural performance of a motor/actuator mounting bracket.

Geometry:

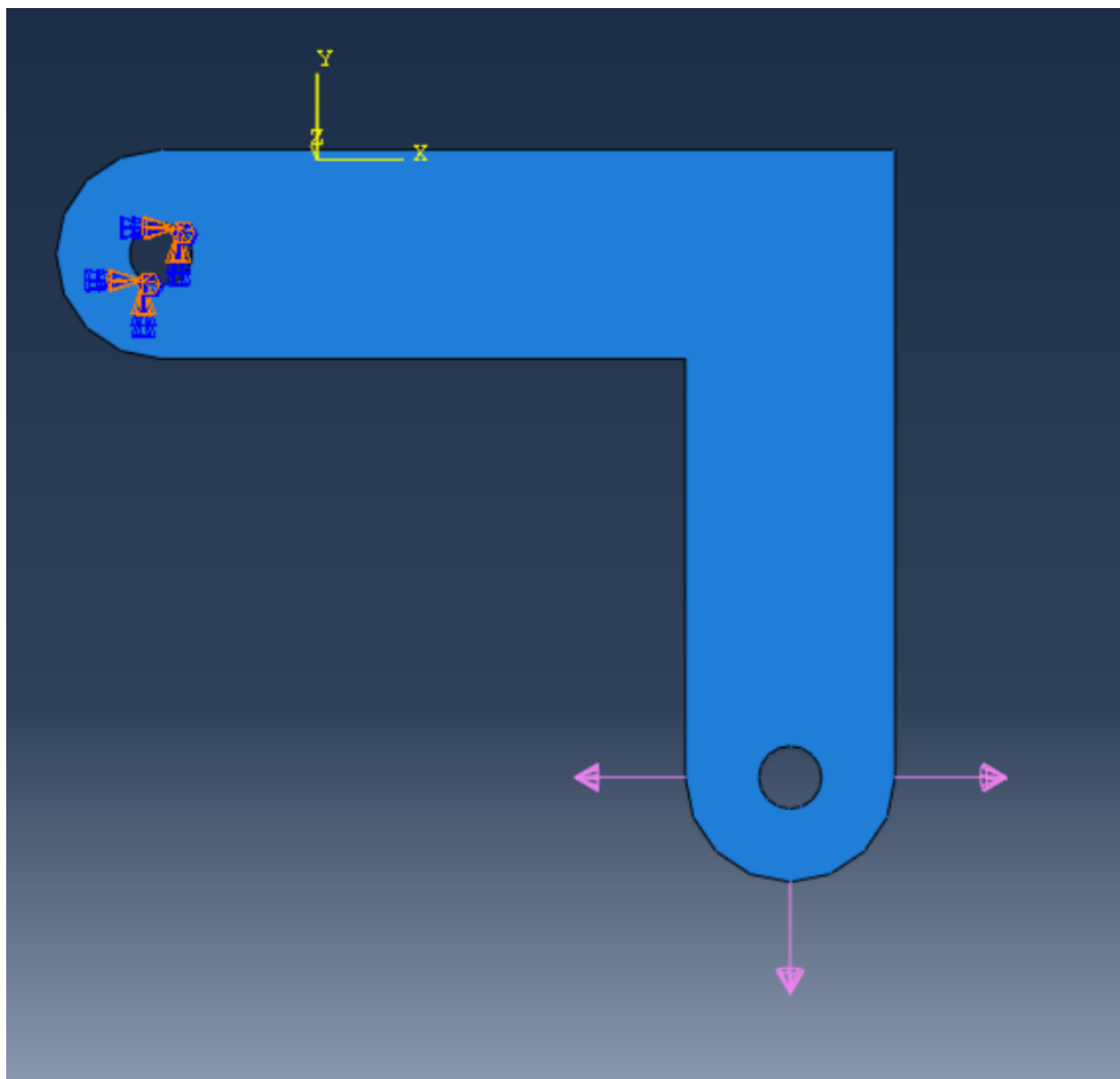


Material Properties:

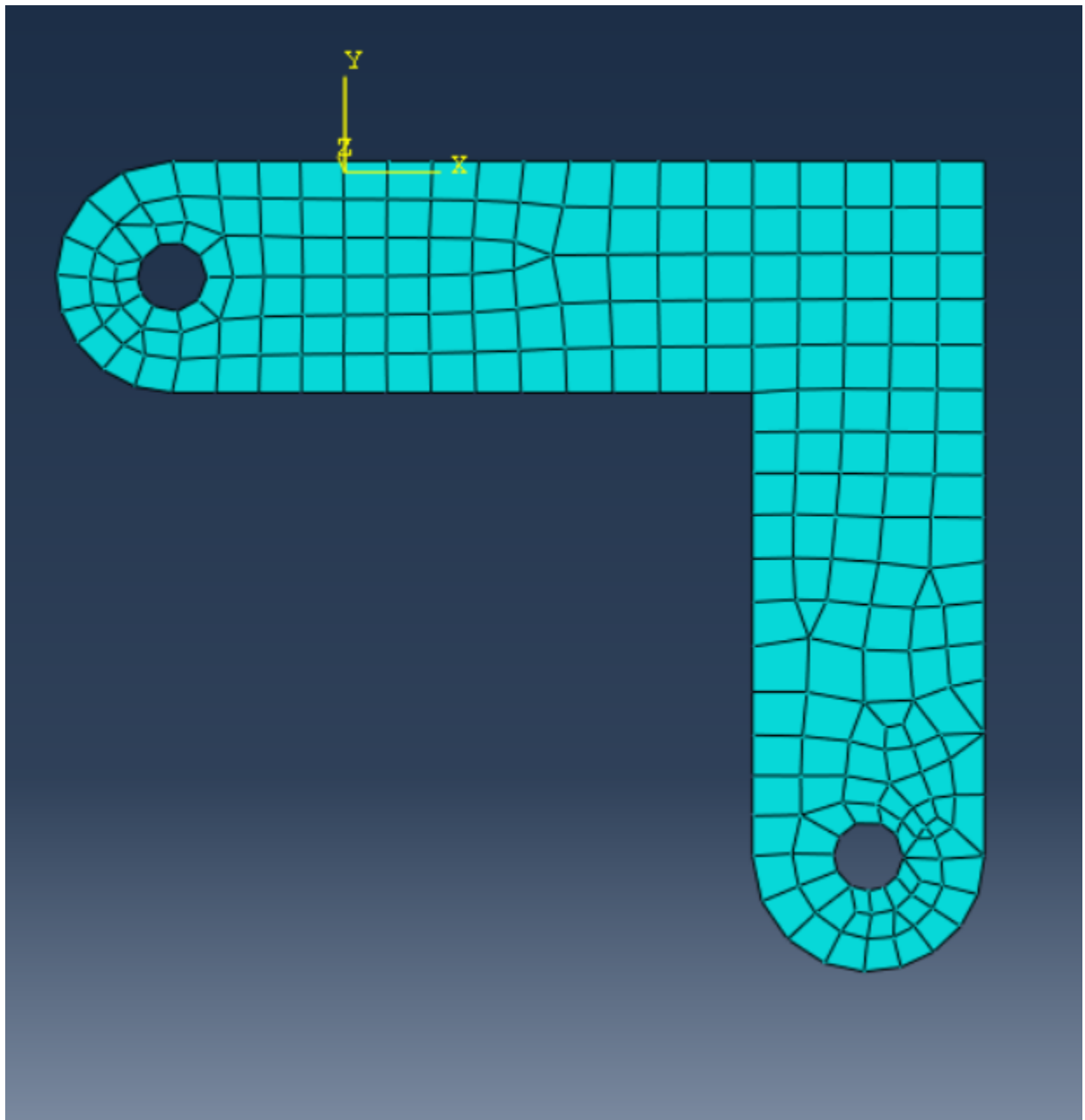
Young's Modulus	Poisson's Ratio
210000	0.3

Loading:

One hole is fixed, another hole has ramp force applied.

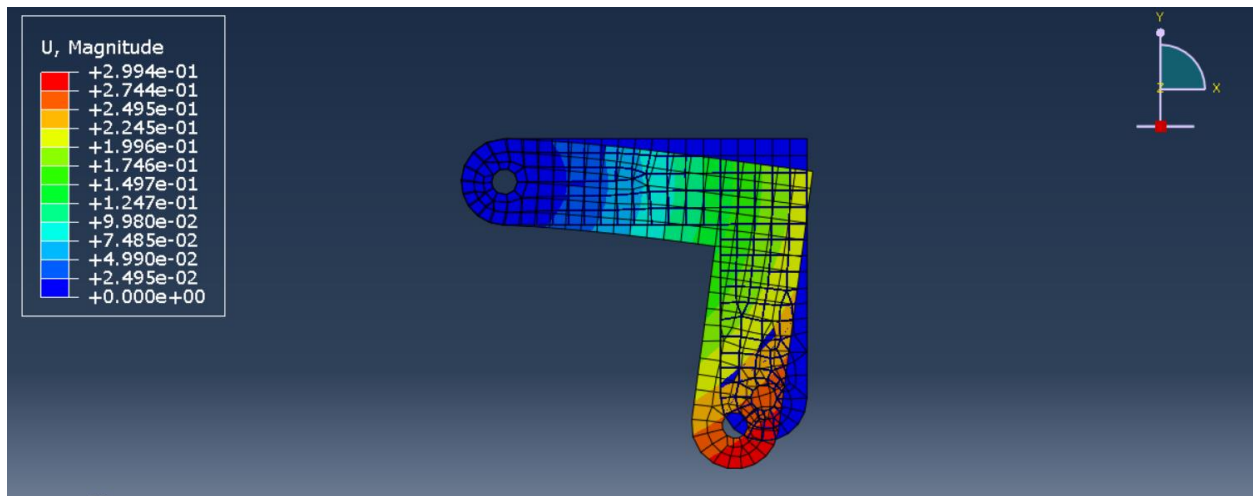


Mesh:



Results:

Deformation:



Von Mises Stress:

