

PS #5**Due: 3/09/10 Tue Lab****Due: 3/12/10 Fri Lab**Objectives

1. To determine the displacements, forces and stresses of a beam.
2. Set-up a simple beam finite element problem.

The Problem

Using the drawing shown below develop a finite element model to compute the deflections, reactions and stresses. $E = 29,000\text{-ksi}$, $I_{zz} = 250\text{-in}^4$.

