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Beam is 10^5 . There is a load of 100 acting in the -y direction at the right end of the beam. The maximum deflection of the beam is -0.6791 at $L=100$. While for the analytical solution, so the maximum deflection is -0.67906, which agrees with measurements.

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Design And Analysis Of Piston By Using Finite Element Analysis
Design And Analysis Of Piston By Using Finite Element Analysis Sandeep K. Kourav¹, Vishnu B. Ghagare²
^{1,2}Mechanical Engineering Department, Trinity College Of Engineering And Research, Savitribai Phule, Pune University Pune, India
Abstract— This paper describes the stress distribution of the piston four stroke engines by using FEM.
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