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PDEs Vrushali A. Bokil Bokilv@math.oregonstate.edu And Nathan L. Gibson  
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The Field Is The Domain Of Interest And Most Often Represents A Physical Structure.  
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Young's Modulus Of The 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 W Mar 3th, 2024

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Design And Analysis Of Piston By Using Finite Element Analysis Sandeep K. Kourav<sup>1</sup>, Vishnu B. Ghagare<sup>2</sup> <sup>1,2</sup>Mechanical Engineering Department, Trinity College Of Engineering And Research, Savitribai Phule, Pune University Pune, India Abstract—

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