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Loped For Metalworking Processes, It Was Soon Realized That Metalworking Is Just One Of The Many Operations Before The Part Is finally Installed. Prior To Forging, The Billet Is Made By Primary Forming Processes, Such As Cogging Or Bar Rolling

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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 9th, 2024

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6.3 Finite Element Mesh Depicting Global Node And Element Numbering, As Well As Global Degree Of Freedom Assignments (both Degrees Of Freedom Are fixed At Node 1 And The Second Degree Of Freedom Is fixed At Node 7) 145
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