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Stiffness Matrix Into The Global Stiffness Matrix, It Is

Necessary To Specify The Relation Between The Local

DOFs In The Global DOFs. This Infor-mation Is Stored In

Edofarray. Thus, The first Argument Of “assem”

Function Is The Row Apr 4th, 2022.

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The Main Program Is The Actual Nite Element Solver

For The Poisson Problem. In General, A Nite Element

Solver Includes The Following Typical Steps: 1.De Ne

The Problem Geometry And Boundary Conditions,

Mesh Genera-tion. In This Example, We Download A

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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 Jan 10th, 2022

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