

## A Primer For Finite Elements In Elastic Structures

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### NAFEMS - Finite Element Analysis for Engineers - A Primer

The purpose of this primer is to provide the basics of the Finite Element Method, primarily illustrated through a classical model problem, linearized elasticity. The topics covered are: (1) Weighted residual methods and Galerkin approximations, (2) A model problem for one-dimensional linear elastostatics, (3) Weak formulations in one dimension,

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