

### Brief Intro To Fea Or Finite Element Method Fem

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The finite element method (FEM), or finite element analysis (FEA), is a computational technique used to obtain approximate solutions of boundary value problems in engineering. Boundary value problems are also called field problems. The field is the domain of interest and most often represents a physical structure.

~~Introduction to Finite Element Analysis (FEA) or Finite ...~~

Finite Element Analysis (FEA), or Finite Element Method (FEM), can be defined as a methodology for solving field problems using numerical approaches. This kind of problem needs the determination of a spatial distribution and this can be seen, for instance, as the distribution of temperature in the piston of an engine.

~~A brief introduction to Finite Element Analysis~~

FEA is the abbreviation of Finite Element Analysis. Generally, engineering analysis can be classified into two types: Classic method and Numerical method. FEA is a numerical method for solving partial differential equation as well as integral equations generated from complex structure.

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