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An Introduction to Nonlinear Finite Element Analysis

An Introduction to Nonlinear Finite Element Analysis. J. N. REDDY. Distinguished Professor Department of Mechanical Engineering Texas A&M University, College Station Texas 77843-3123, USA. An Introduction to Nonlinear Finite Element Analysis. OXFORD.

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It is based on the textbook (an introduction to nonlinear finite element analysis by JN Reddy). For first, we need to get the weak form of it and the linear form. After that we can proceed to the finite element model equation. The second picture is the solution i did until finding the linear form.

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practising engineers and researchers that can also be used as a text for undergraduate and graduate students within computational mechanics.

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