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plates and shells in ... Mechanics of Laminated Composite Plates and Shells Theory and Analysis J. N. Reddy Department of Mechanical Engineering Texas A&M University College Station, Texas, USA 77843 Mechanics of Laminated Composite Plates and Shells Mechanics of Laminated Composite Plates and Shells: Theory and Analysis, Second Edition - CRC Press Book The use of composite materials in engineering structures continues to increase dramatically, and there have been equally significant advances in modeling for general and composite materials and structures in particular. Mechanics of Laminated Composite Plates and Shells: Theory ... The Kirchhoff-Love theory is an extension of Euler-Bernoulli beam theory to thin plates. The theory was developed in 1888 by Love using assumptions proposed by Kirchhoff. It is assumed that a mid-surface plane can be used to represent the three-dimensional plate in two-dimensional form. Plate theory - Wikipedia This book by a renowned structural engineer offers comprehensive coverage of both static and dynamic analysis of plate behavior, including classical, numerical, and engineering solutions. It contains more than 100 worked examples showing step by step how the various types of analysis are performed.

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