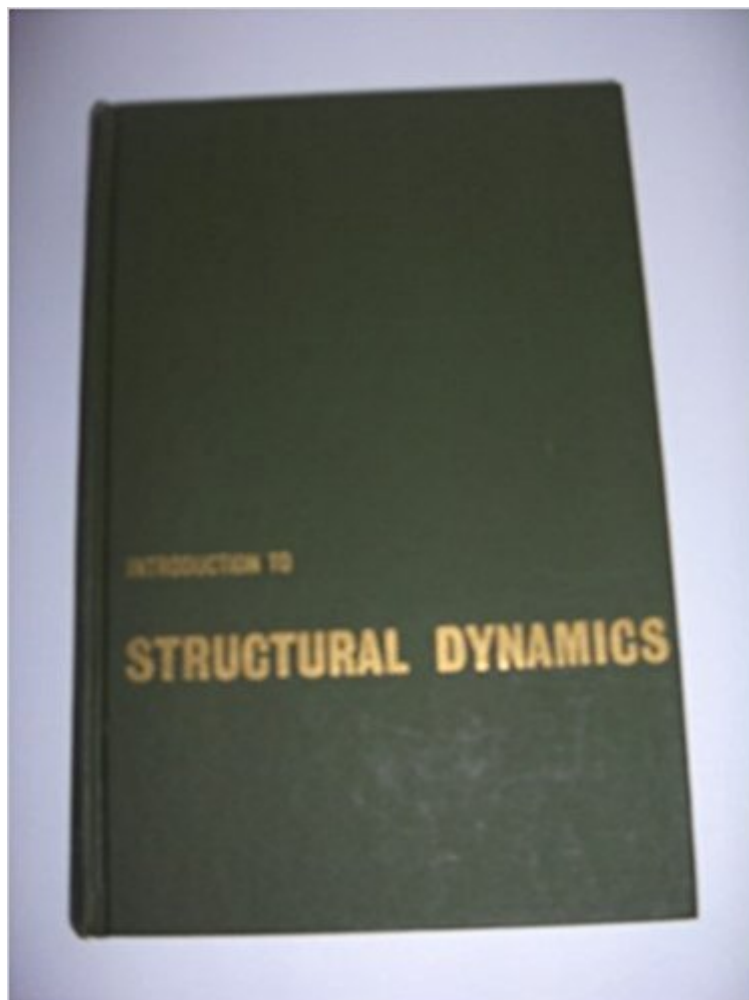


The book was found

# Introduction To Structural Dynamics



## Synopsis

Great vintage book!

## Book Information

Hardcover: 341 pages

Publisher: McGraw-Hill Companies (June 1, 1964)

Language: English

ISBN-10: 0070052557

ISBN-13: 978-0070052550

Product Dimensions: 9.3 x 6.3 x 1 inches

Shipping Weight: 1.2 pounds

Average Customer Review: 5.0 out of 5 stars 4 customer reviews

Best Sellers Rank: #1,616,329 in Books (See Top 100 in Books) #72 in Books > Engineering & Transportation > Engineering > Civil & Environmental > Structural Dynamics #832 in Books > Engineering & Transportation > Engineering > Civil & Environmental > Structural #1266 in Books > Science & Math > Physics > Dynamics

## Customer Reviews

Great vintage book!

I bought this book in a little bookstore in Monterrey Mexico Downtown for a ridiculous price (400 pesos= 40 dollars), the information in it is invaluable for the understanding of the structural behavior under dynamics loads (Equipment, wind, earthquake, impact etc.) and more important is that you can traduce this behavior to the physical world in a comprehensive and easy way, with the help of this book I was able to design from a panoramic advertising structures to steel and concrete Vessels in a high seismic area, from a bulk materials conveyors structures to equipments foundations. If you have the money to buy it, buy it, and the book pays for itself.

This book presents the practicing Engineer with a method to analyse a beam subjected to various point and uniformly distributed dynamic loads, by making an analogy to a spring mass system. Various applied load time histories and the structural response are explored for applications such as blast and earthquake loadings. This is a must for Structural Engineers who require to perform both hand and simple computational structural analysis. Elastic and Elasto plastic analysis is considered for simple beam elements as well as two dimensional frameworks.

Excellent book written before the days of computing power and all the better for it. It concentrates on fundamentals. The charts on dynamic load factors are unequalled and have helped me save time and money.

EXCELLENT!! Dynamic Load Factors are presented like no other book in print. Overall, a valuable tool for all design Engineers (Not only Structural)

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Structural Dynamics of Earthquake Engineering: Theory and Application Using Mathematica and Matlab (Woodhead Publishing Series in Civil and Structural Engineering) Introduction to Structural Dynamics and Aeroelasticity (Cambridge Aerospace Series, Vol. 15) Structural Dynamics: An Introduction to Computer Methods Introduction to Structural Dynamics and Aeroelasticity (Cambridge Aerospace Series) Introduction to Structural Dynamics Experimental Structural Dynamics: An Introduction to Experimental Methods of Characterizing Vibrating Structures Strengthening of Reinforced Concrete Structures: Using Externally-Bonded Frp Composites in Structural and Civil Engineering (Woodhead Publishing Series in Civil and Structural Engineering) Structural Analysis and Synthesis: A Laboratory Course in Structural Geology Structural Analysis and Synthesis: A Laboratory Course in Structural Geology 3rd (third) edition by Rowland, Stehen M., Duebendorfer, Ernest M., Schiefelbein, I published by Wiley-Blackwell (2007) [Spiral-bound] Structural Analysis and Synthesis: A Laboratory Course in Structural Geology, 2nd Edition The Techniques of Modern Structural Geology, Volume 3: Applications of Continuum Mechanics in Structural Geology Fundamentals of Structural Dynamics Fundamentals of Structural Dynamics:2nd (Second) edition Structural Dynamics: Theory and Applications Harnessing Bistable Structural Dynamics: For Vibration Control, Energy Harvesting and Sensing Probabilistic Structural Dynamics: Advanced Theory and Applications Basic Structural Dynamics Advanced Structural Dynamics Structural Dynamics: Theory and Computation Structural Dynamics

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