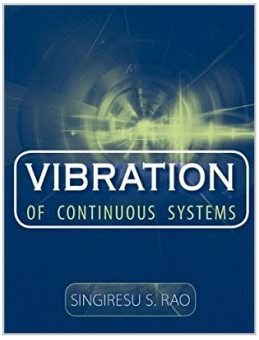

Vibration of Continuous Systems

By Singiresu S. Rao

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Broad, up-to-date coverage of advanced vibration analysis by the market-leading author

Successful vibration analysis of continuous structural elements and systems requires a knowledge of material mechanics, structural mechanics, ordinary and partial differential equations, matrix methods, variational calculus, and integral equations. Fortunately, leading author Singiresu Rao has created Vibration of Continuous Systems, a new book that provides engineers, researchers, and students with everything they need to know about analytical methods of vibration analysis of continuous structural systems.

Featuring coverage of strings, bars, shafts, beams, circular rings and curved beams, membranes, plates, and shells-as well as an introduction to the propagation of elastic waves in structures and solid bodies-Vibration of Continuous Systems presents:
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Vibration of Continuous Systems By Singiresu S. Rao Bibliography

- Sales Rank: #702403 in Books
- Published on: 2007-02-09
- Original language: English
- Number of items: 1
- Dimensions: 9.60" h x 1.70" w x 7.70" l, 3.15 pounds
- Binding: Hardcover
- 744 pages

Editorial Review

From the Back Cover
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About the Author
Singiresu S. Rao, PhD, is Professor and Chairman of the Department of Mechanical Engineering at the University of Miami in Coral Gables, Florida. He has authored a number of textbooks, including the market-leading introductory-level text on vibrations, *Mechanical Vibrations*, Fourth Edition.

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