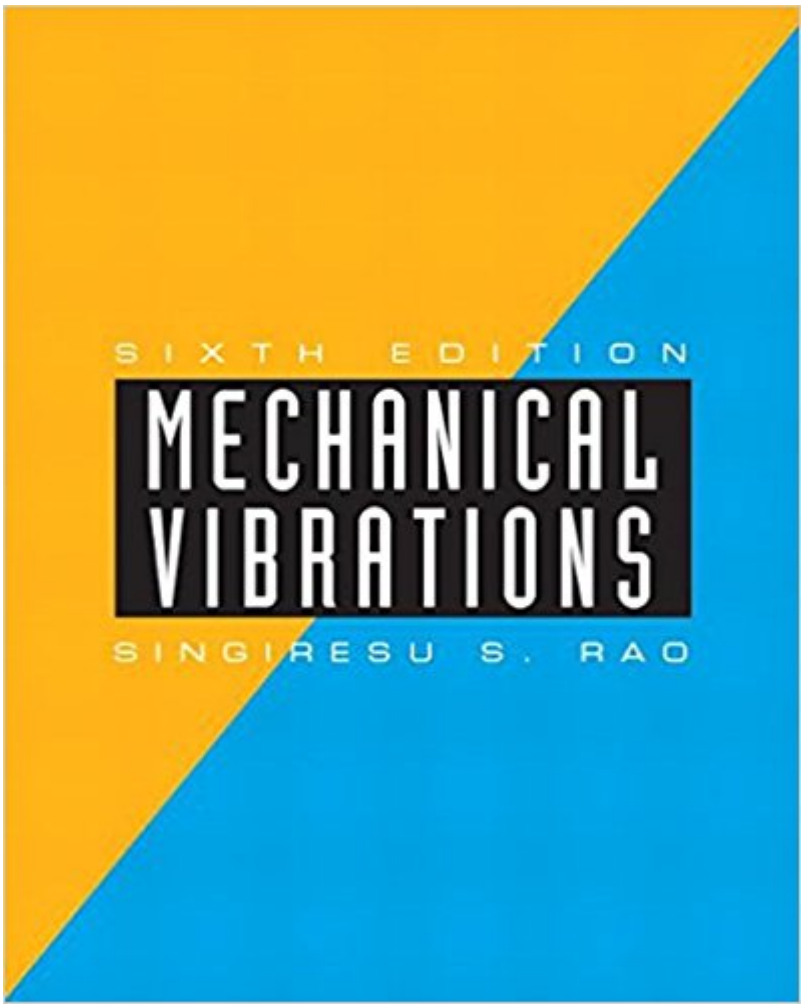
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Mechanical Vibrations (6th Edition)



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Synopsis

For courses in vibration engineering. Ã Â Building Knowledge: Concepts of Vibration in Engineering Retaining the style of previous editions, this Sixth Edition of Mechanical Vibrations effectively presents theory, computational aspects, and applications of vibration, introducing undergraduate engineering students to the subject of vibration engineering in as simple a manner as possible. Emphasizing computer techniques of analysis, Mechanical Vibrations thoroughly explains the fundamentals of vibration analysis, building on the understanding achieved by students in previous undergraduate mechanics courses. Related concepts are discussed, and real-life applications, examples, problems, and illustrations related to vibration analysis enhance comprehension of all concepts and material. In the Sixth Edition, several additions and revisions have been madeÃ¢â ¬â •including new examples, problems, and illustrationsÃ¢â ¬â •with the goal of making coverage of concepts both more comprehensive and easier to follow. Ã Â

Book Information

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Customer Reviews

I am currently in my fourth year studying mechanical engineering and I have used a lot of text books. I am also working as a co-op with company that designs and builds clutches. It’s important that I learn to analyze vibrations because vibration damping and tuning is one of the most important functions of a clutch.That being said, I really want a quality vibrations textbook. This book is far from the quality I was looking for.The worst part is that it’s full of errors! I’m only in chapter two and I’ve already found multiple mistakes in the equations! That is simply not acceptable in a 6th edition, $260 engineering textbook! How can trust anything I read? What if I don’t catch the mistake next

time?The rest of my complaints are somewhat trivial compared to the first, but are still very real complaints. Overall, I feel like the book was cheaply made. The pages are not nearly as vibrant as my other textbooks which makes it more difficult to read. Other textbooks use boxes or colors to help organize different sections of the chapter and highlight key points. This textbook looks like a novel with a lot of equations which makes it impossible quickly find key equations or even the point of the section without reading it beginning to end. I've seen worse textbooks, but they were $60 or $70. I paid $260 and it's the most expensive textbook I've purchased in my college career.I enjoy reading textbooks, but reading a textbook is very different than reading a novel. You need to be able to quickly glance over a few pages and immediately understand what is going on before you even start reading the paragraphs. This textbook feels cheap, it's difficult to find important information, and there are unacceptable mistakes in the equations.

Great textbook, but the author does skip steps in some of the example problems.

There are problems where solutions aren't possible.

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