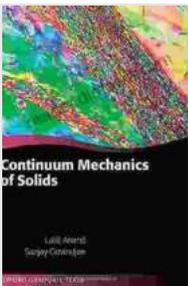


Continuum Mechanics of Solids: Oxford Graduate Texts

Continuum Mechanics of Solids, written by Lallit Anand, is an advanced textbook that provides a comprehensive to the field of continuum mechanics of solids. The book covers a wide range of topics, including the fundamental principles of continuum mechanics, the constitutive equations for various materials, and the application of continuum mechanics to a variety of engineering problems. Continuum Mechanics of Solids is an essential resource for graduate students and researchers in the field of solid mechanics.



Continuum Mechanics of Solids (Oxford Graduate Texts) by Lallit Anand

★★★★★ 5 out of 5
Language : English
File size : 54768 KB
Screen Reader : Supported
Print length : 736 pages
Lending : Enabled
Paperback : 178 pages
Item Weight : 9.1 ounces
Dimensions : 6.14 x 0.38 x 9.21 inches



Table of Contents

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- **The Fundamental Principles of Continuum Mechanics**

- The conservation laws
- The constitutive equations
- The boundary conditions
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 - Plasticity
 - Viscoelasticity
- **The Application of Continuum Mechanics to a Variety of Engineering Problems**
 - The design of structures
 - The analysis of materials
 - The modeling of manufacturing processes

Reviews

"Continuum Mechanics of Solids is an excellent textbook that provides a comprehensive to the field of continuum mechanics of solids. The book is well-written and well-organized, and it covers a wide range of topics in a clear and concise manner. I highly recommend this book to graduate students and researchers in the field of solid mechanics."

- Professor Mark A. Meyers, University of California, San Diego

"Continuum Mechanics of Solids is a valuable resource for anyone who wants to learn about the field of continuum mechanics of solids. The book

is well-written and well-organized, and it covers a wide range of topics in a clear and concise manner. I highly recommend this book to graduate students and researchers in the field of solid mechanics."

- Professor James R. Rice, Brown University

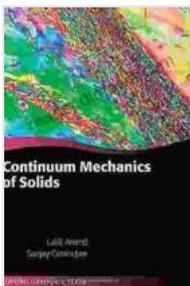
About the Author

Lallit Anand is a Professor of Mechanical Engineering at the University of California, San Diego. He is a leading researcher in the field of continuum mechanics of solids, and he has published over 200 papers in the field. Professor Anand is a Fellow of the American Society of Mechanical Engineers, and he is the recipient of the ASME Nadai Medal.

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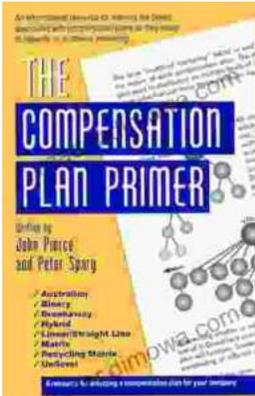
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