

Waves in Layered Media: A Comprehensive Exploration



Waves in Layered Media by Michel Davier

★★★★★ 5 out of 5

Language : English

File size : 49246 KB

Screen Reader : Supported



Print length : 503 pages



About the Book

Waves in Layered Media is a comprehensive and insightful book that delves into the fascinating world of wave propagation in layered media. Written by renowned expert Michel Davier, this book provides a thorough understanding of the fundamentals, applications, and advanced concepts related to this complex subject.

The book begins by introducing the basic concepts of wave propagation in homogeneous and isotropic media. It then explores the more complex topic of wave propagation in layered media, covering topics such as reflection, transmission, and interference. The author also discusses the effects of anisotropy and homogenization on wave propagation.

Waves in Layered Media is an essential resource for researchers, engineers, and students in the fields of geophysics, acoustics, and electromagnetic waves. It is also a valuable reference for anyone interested in the fundamental principles of wave propagation.

Key Features

- Covers the fundamentals, applications, and advanced concepts of wave propagation in layered media
- Written by renowned expert Michel Davier
- Provides a thorough understanding of reflection, transmission, and interference
- Discusses the effects of anisotropy and homogenization on wave propagation
- Essential resource for researchers, engineers, and students in the fields of geophysics, acoustics, and electromagnetic waves

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- Wave Propagation in Homogeneous and Isotropic Media
- Wave Propagation in Layered Media
- Reflection and Transmission
- Interference
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- Homogenization
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About the Author

Michel Davier is a professor of geophysics at the University of Paris Diderot. He is a leading expert in the field of wave propagation, and his research has been published in numerous top-tier journals. He is also the author of several other books on wave propagation.

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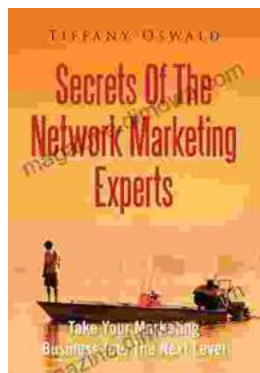
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