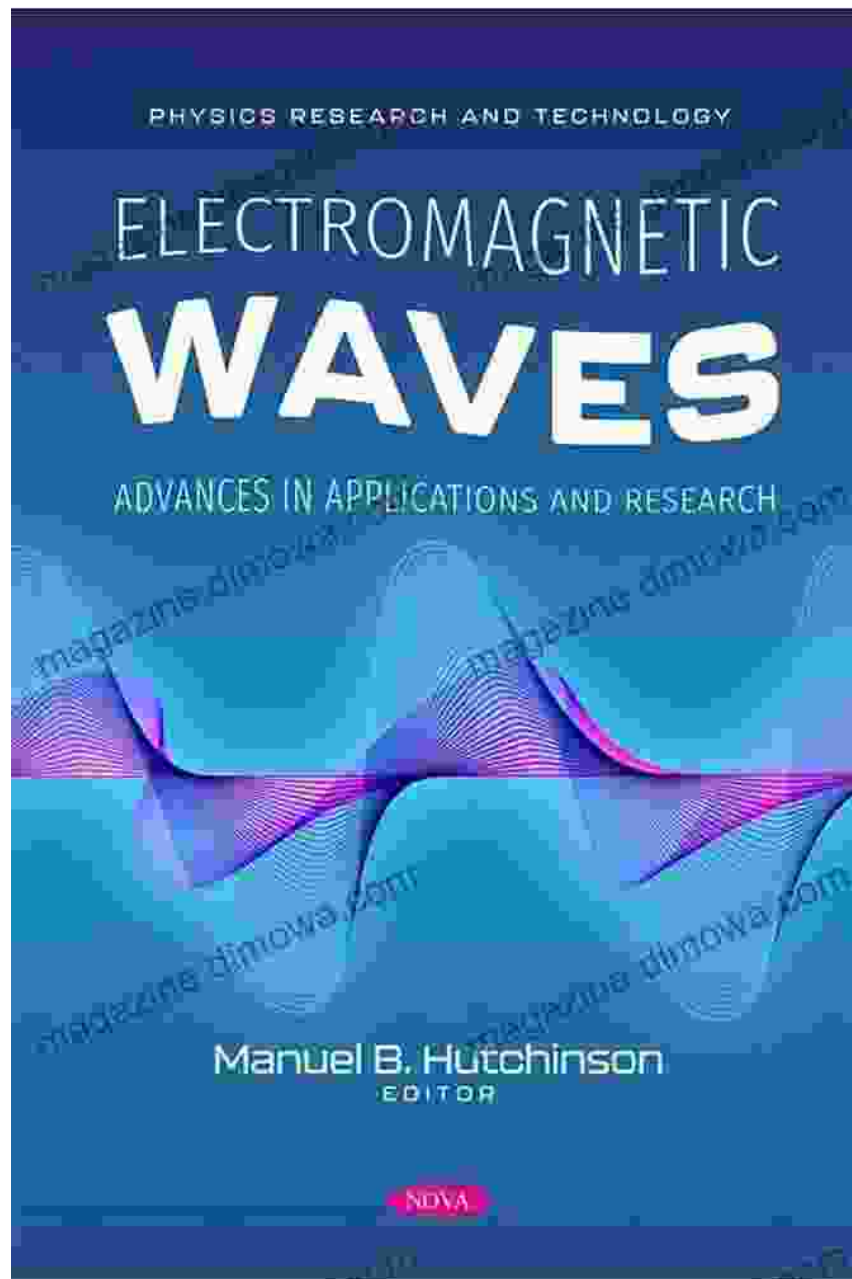


# Electromagnetic Wave Analysis: A Comprehensive Guide for Engineers, Scientists, and Students



About the Book

Electromagnetic waves are an essential part of our modern world. They carry information, enable wireless communication, and are used in a wide variety of applications, from radar systems to microwave ovens. But how do these waves work? And how can we analyze them to design and improve devices that use them?

In *Electromagnetic Wave Analysis*, Dr. John Mighton provides a comprehensive to the theory and applications of electromagnetic waves. This book is written for engineers, scientists, and students who need a deep understanding of this fundamental phenomenon.



### **Electromagnetic wave analysis** by John Mighton

★★★★☆ 4.8 out of 5

Language : English

File size : 3294 KB

Screen Reader : Supported

Print length : 275 pages

X-Ray for textbooks : Enabled



Mighton begins with a thorough discussion of the basic principles of electromagnetic waves, including their properties, propagation, and reflection. He then covers more advanced topics, such as antenna design, radar systems, and microwave engineering.

*Electromagnetic Wave Analysis* is an essential resource for anyone who wants to learn more about this important topic. With its clear and concise explanations, this book will help you to understand the theory and

applications of electromagnetic waves and to design and improve devices that use them.

## **Key Features**

- Covers the fundamentals of electromagnetic waves, including their properties, propagation, and reflection
- Provides a detailed discussion of antenna design, radar systems, and microwave engineering
- Includes numerous examples and exercises to help you understand the material
- Written by a leading expert in the field of electromagnetic waves

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## About the Author

Dr. John Mighton is a professor of electrical engineering at the University of Toronto. He is a leading expert in the field of electromagnetic waves and has published over 100 papers on the subject. Dr. Mighton is also the author of several textbooks, including *Electromagnetic Waves* and *Microwave Engineering*.

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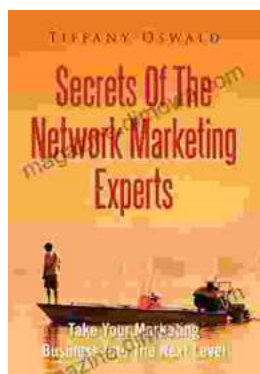
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