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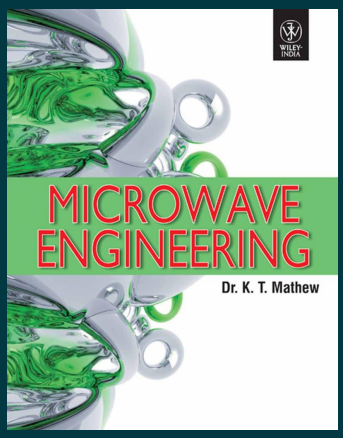

Microwave Engineering

By Dr. K.T. Mathew

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Description

This book introduces microwaves and explains the salient features. In the first 6 chapters of the book, the basic electromagnetics is discussed. The higher portions in electromagnetics such as electromagnetic wave propagation in free space, bounded media including transmission lines and wave guides, microwave generators, important waveguide components, microwave radio propagation, Radar, ionospheric and satellite propagations are discussed in the proceeding chapters. The last chapter is exclusively meant for those who are doing research on microwave propagation and materials study. It deals with the essentials of microwave propagation. Solved problems are also given where ever necessary. “Multiple Choice Questions” and “Problems and Questions” are provided at the end of each chapter for practice.

About the Author

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Table of Contents

Chapter 1: Vector Identities and Operators

· Solved Problems

· Summary

· Appendix

· Problems and Questions

· Bibliography

Chapter 2: Coulomb’s Law and Electric Potential

· Solved Problems

· Summary

· Problems and Questions

· Bibliography

Chapter 3: Magnetostatics and Magnetic Potential

· Summary

· Problems and Questions

· Bibliography

Chapter 4: Maxwell’s Equations
· Summary
· Problems and Questions
· Bibliography
Chapter 5: Poynting’s Theorem
· Summary
· Review Questions
· Bibliography
Chapter 6: Electromagnetic Wave Propagation
· Solved Problems
· Summary
· Problems and Questions
· Bibliography
Chapter 7: Microwave Generators
· Solved Problems
· Summary
· Problems and Questions
· Bibliography
Chapter 8: Transmission Lines
· Solved Problems
· Summary
· Problems and Questions
· Bibliography
Chapter 9: Theory of Waveguide Transmission
· Solved Problems
· Summary
· Problems and Questions
· Bibliography
Chapter 10: Microwave Cavities and Hybrid Circuits
· Solved Problems
· Summary
· Problems and Questions
· Bibliography
Chapter 11: Basic Antenna Theory
· Solved Problems
· Summary
· Problems and Questions
· Bibliography

Chapter 12: Ionospheric Propagation and Fundamentals of Satellite Communications

· Solved Problems

· Summary

· Problems and Questions

· Bibliography

Chapter 13: Microwave Radio Communication and Radar

· Solved Problems

· Summary

· Problems and Questions

· Bibliography

Chapter 14: ISM Applications of Microwaves

· Summary

· Bibliography

Appendix A Laboratory Experiments

Appendix B List of Constants

Appendix C Powers of Ten

Appendix D Equivalence of Units

Appendix E Microwave Bands

Appendix F List of Physical Constants and Units

Index

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