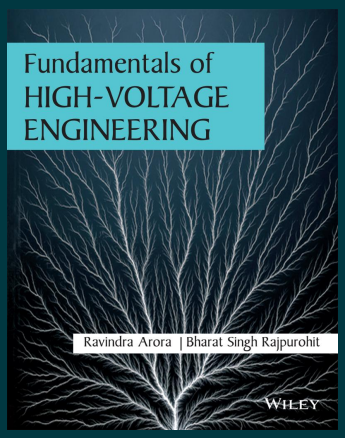
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Fundamentals of High-Voltage Engineering

By Ravindra Arora, Bharat Singh Rajpurohit

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Description

This book has a novel approach in describing the fundamental concept of field-dependent behavior of dielectrics when subjected to different types of high voltages. The contents begin with a systematic classification of electric fields and the techniques of field estimation. In-depth coverage of performance/behaviour of gaseous, solid and liquid dielectrics has been made in the book. The basics of high voltage laboratory techniques, non-destructive testing, measurement of high test voltages and dielectric properties are also covered in detail in this book.

About the Author

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Dr. Ravindra Arora retired from Indian Institute of Technology Kanpur in May 2008, where he worked for 34 years. At IITK, he established a unique high-voltage laboratory, where he conducted research activity for more than 40 master's theses, 2 PhDs, and a large number of undergraduate projects

Table of Contents

Preface

About the Authors

Acknowledgements

Preamble

Chapter 1 Introduction to High-Voltage Engineering

Chapter 2 Electric Field Intensity, Stress Control, and Types of Breakdown in Dielectrics

Chapter 3 Transient Overvoltages and Insulation Coordination in High-Voltage Networks

Chapter 4 Field-Dependent Electric Strength and Breakdown in Gaseous Dielectrics and Vacuum

Chapter 5 Lightning, a Breakdown Phenomenon in Atmospheric Air, Its Effects and Protection

Chapter 6 Solid- and Liquid-Insulating Materials, Their Classification, Properties, and Breakdown

Chapter 7 Generation of High Test Voltages

Chapter 8 Measurement of High Test Voltages

Chapter 9 Non-Destructive Testing and Quality Control of Electrical Equipment

Chapter 10 High-Voltage Test Laboratory Design and Curriculum Experiments

Experiment I

Experiment II

Experiment III
Experiment IV
Experiment V
Experiment VI
Experiment VII
Experiment VIII and IX
Experiment X
Summary
References
Worked Examples
Multiple-Choice Questions
Review Questions
Numerical Problems
Appendix A Finite Element Modelling and High-Voltage Engineering
A.1 Introduction to FEM Modelling in COMSOLTM
Reference
Practice Questions
Appendix B Travelling Waves on Transmission Lines
B.1 Evaluation of the Velocity of Wave Propagation
B.2 Reflection and Refraction Coefficients of Travelling Waves
Reference
Worked Examples
Numerical Problems
Answers
Index

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