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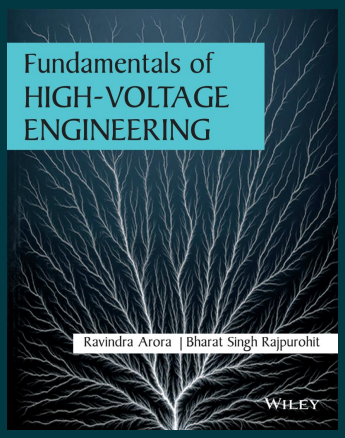

Fundamentals of High-Voltage Engineering

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

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