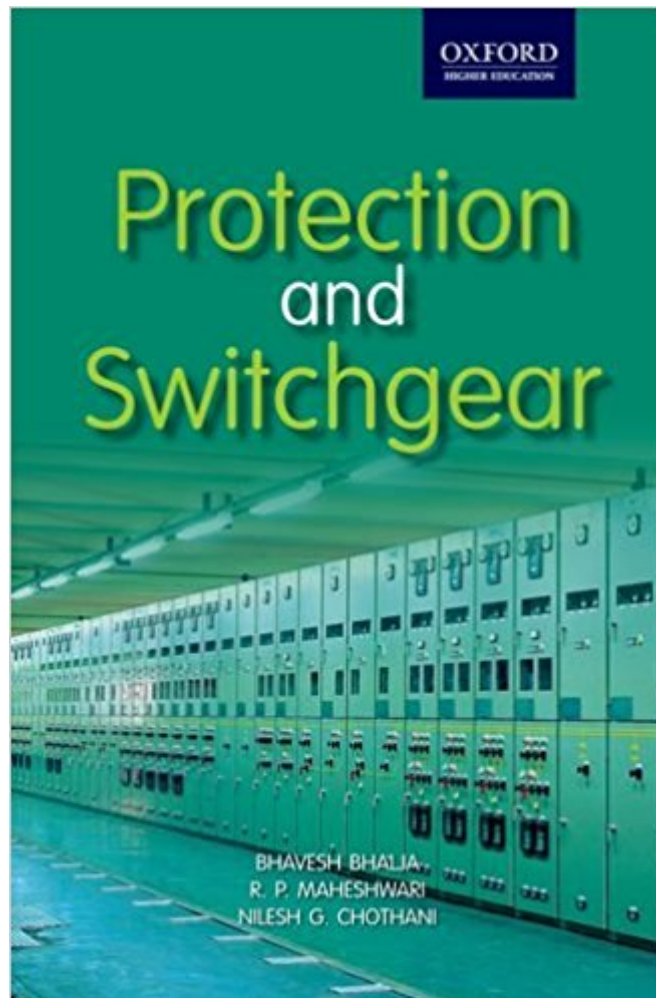




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# Protection And Switchgear (Oxford Higher Education)



## Synopsis

The book describes in detail the protection principles of each element of the power system network. The details of relay design and relay setting have also been covered. Further, the book contains a wide coverage of digital/numerical relaying scheme. Besides the relays, the book covers detailed theories of circuit breaking phenomenon and the construction and working of switchgears. The book is pedagogically rich with detailed relay and circuit diagrams, numerous solved examples, review questions, multiple-choice questions, and numerical exercises in each chapter. At the end of the book, an additional chapter on recent developments in protective relays covers the application of AI techniques in protective relays and discusses the concept of synchronized phasor measurements, wide area protection, along with other important topics.

## Book Information

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Bhavesh Bhalja is currently Professor and Head, Department of Electrical Engineering, A D Patel Institute of Technology, New Vidyanagar, Gujarat. A Ph D from IIT Roorkee, he has close to a decade of teaching experience. R. P. Maheshwari is currently Professor, Department of Electrical Engineering, IIT Roorkee. A Ph D from Roorkee University (now IIT Roorkee), he have over 15 years of teaching experience. Nilesh Chothani is currently Assistant Professor, Department of Electrical Engineering, A D Patel Institute of Technology, New Vidyanagar, Gujarat. His areas of interest are digital protection, system modelling and simulation, and artificial intelligence techniques.

Great reading!

I recommend it.

Very good book

This "book" is just a list of formulas with at most two paragraphs on each subject. I don't know how anyone could endorse this book as an introduction to power system protection. Wikipedia can easily beat this book. I'm out the \$15 I spent at ABEbooks. Instead consider the Lewis Blackburn books for the basics. If you can find a used copy of the Westinghouse "applied protective relaying", that is a good option. A few chapters in the SEL book are helpful. Check out the IEEE C37.xxx family of standards.

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