



Resonant Power Converters

By Marian K. Kazimierczuk, Dariusz Czarkowski

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Resonant power converters have many applications in the computer industry, telecommunications and in industrial electronics. Their advantage over traditional converters lies in their ability to transform power at very high frequencies. This book discusses resonant power converters.

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Editorial Review

Review

Solutions Manual available. -- *The publisher, John Wiley & Sons*

From the Publisher

Offers a thorough understanding of existing high-frequency inverters, rectifiers and dc-dc resonant converters. Contains a rigorous in-depth analysis to aid readers in understanding how and why power converters are built as they are. Uses the fundamental-frequency component throughout the text to provide excellent insight into circuit operation and to simplify the design process. Includes graphical representations of various characteristics as well as numerous analysis and design examples.

From the Back Cover

The first book devoted exclusively to resonant energy conversion, *Resonant Power Converters* is a practical, systematic guide to the analysis and design of the various dc-ac resonant inverters, high-frequency rectifiers, and dc-dc resonant converters that are the building blocks of many of today's high-frequency energy processors. Designed to function as both a superior senior- to graduate-level text for electrical engineering courses and a valuable professional reference, it provides students and engineers with a solid grasp of existing high-frequency technology, while acquainting them with a number of easy-to-use tools for the analysis and design of resonant power circuits.

The most timely, comprehensive coverage of state-of-the-art resonant technology available

- Design procedures for a large variety of inverters, rectifiers, and converters
- Chapters feature numerous analysis and design examples, schematics, review problems, summaries, experimental characteristics, extensive bibliographies, and more
- Solutions Manual also available

The only book focusing entirely on high-frequency power conversion, *Resonant Power Converters* is an indispensable resource for electrical engineering students as well as practicing engineers, researchers, and consultants.

Users Review

From reader reviews:

Jacob Smith:

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Sally Rose:

A lot of people always spent their own free time to vacation as well as go to the outside with them loved ones or their friend. Were you aware? Many a lot of people spent they will free time just watching TV, or perhaps playing video games all day long. In order to try to find a new activity that is look different you can read a book. It is really fun for you. If you enjoy the book that you just read you can spent the entire day to reading a e-book. The book Resonant Power Converters it is rather good to read. There are a lot of people who recommended this book. They were enjoying reading this book. Should you did not have enough space to bring this book you can buy the actual e-book. You can m0ore simply to read this book through your smart phone. The price is not too expensive but this book provides high quality.

Johnnie Colby:

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Katherine Contreras:

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