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isolated dc to dc converters and resonant soft switching converters the final chapters address
traditional diode and scr converters and dc ac inverters highlights each chapter features at least
10 exercises which will help you understand basic concepts equations and circuit operations
throughout the text more than 250 problems of varying levels of difficulty give you the
opportunity to use what you ve learned special design problems highlighted with a d offer
open ended opportunities to apply design techniques solved examples help you refine your
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and converter types provides the background you need to understand power electronics
concepts features detailed discussion on resonant and soft switching dc to dc converters
provides a simplified discussion of pulse wide modulation pwm technique a site is provided
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this fully updated textbook provides complete coverage of electrical circuits and introduces
students to the field of energy conversion technologies analysis and design chapters are
designed to equip students with necessary background material in such topics as devices
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contains a large number of examples exercises and problems to help enforce the material presented in each chapter a detailed discussion of resonant and softswitching dc to dc converters is included along with the addition of new chapters covering digital control non linear control and micro inverters for power electronics applications designed for senior undergraduate and graduate electrical engineering students this book provides students with the ability to analyze and design power electronic circuits used in various industrial applications

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