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Collana	Power electronics, electrical engineering, energy, and nanotechnology
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Altri autori (Persone)	YeHong <1973->
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front Cover; Contents; Preface; Authors; Chapter 1 - Introduction; Chapter 2 - Pulse Width-Modulated DC/AC Inverters; Chapter 3 - Voltage Source Inverters; Chapter 4 - Current Source Inverters; Chapter 5 - Impedance Source Inverters; Chapter 6 - Quasi-Impedance Source Inverters; Chapter 7 - Soft-Switching DC/AC Inverters; Chapter 8 - Multilevel DC/AC Inverters; Chapter 9 - Trinary Hybrid Multilevel Inverter (THMI); Chapter 10 - Laddered Multilevel DC/AC Inverters Used in Solar Panel Energy Systems; Chapter 11 - Super-Lift Converter Multilevel DC/AC Inverters Used in Solar Panel Energy Systems Chapter 12 - Switched-Capacitor Multilevel DC/AC Inverters in Solar Panel Energy Systems Chapter 13 - Switched Inductor Multilevel DC/AC Inverters Used in Solar Panel Energy Systems; Chapter 14 - Best Switching Angles to Obtain Lowest THD for Multilevel DC/AC Inverters; Chapter 15 - Design Examples for Wind Turbine and Solar Panel Energy Systems; Back Cover
Sommario/riassunto	Renewable energy systems require a large number of converters/inverters. Many new types of inverters have been created in

recent decades, and these circuits will largely improve the power factor and increase the power efficiency for the future. This book covers advances DC/AC inverters that are both concise and useful for engineering students and practicing professionals. It uses 150 diagrams to introduce more than 100 topologies of the advanced inverters originally developed by the authors. The book includes more than 50 new circuits--

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