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Titolo	Electric Power Engineering Research and Education : A festschrift for Gerald T. Heydt // edited by Elias Kyriakides, Siddarth Suryanarayanan, Vijay Vittal
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Collana	Power Electronics and Power Systems, , 2196-3185
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Soggetti	Energy systems Power electronics Energy Systems Power Electronics, Electrical Machines and Networks
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Power system harmonics -- A meta-heuristic approach for optimal classification of power quality disturbances -- Synchrophasor measurements -- Renewable resource reliability and availability -- Geographical information systems and loop flows in power systems -- Introduction to transmission expansion planning in power systems -- Evolution of smart distribution systems -- Legacy of Professor G. T. Heydt to power engineering education, research and outreach -- The power engineering workforce in Washington and the Pacific Northwest: Opportunities and challenges.
Sommario/riassunto	<ul style="list-style-type: none"> <li>· Explains cutting edge research and education ventures that are transforming the re-emerging electric power engineering field</li> <li>· Covers key issues in power quality, transmission engineering, energy storage and distributed generation · Highlights renowned Professor Gerald T. Heydt's seminal contributions to the field This unique volume covers some of the most compelling areas of advance in electric power engineering, from distributed generation and dispatch to power quality improvement and transmission systems engineering. The authors particularly highlight the seminal contributions of Professor</li> </ul>

Gerald T. Heydt in the development and teaching of these technological advances, which have impacted the power industry and academia over the last four decades in areas such as transmission and distribution engineering, power engineering education, and power quality.

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