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| Autore                  | Narducci Dario  |
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| Descrizione fisica      | 1 online resource (165 pages)   |
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| Disciplina              | 621.31243   |
| Soggetti                | Renewable energy resources<br>Materials science<br>Force and energy<br>Energy systems<br>Renewable and Green Energy<br>Energy Materials<br>Energy Systems   |
| Lingua di pubblicazione | Inglese   |
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| Livello bibliografico   | Monografia  |
| Nota di contenuto       | Introduction -- A primer on thermoelectric generators -- Solar thermoelectric generators -- A Primer on Photovoltaic Generators -- Hybrid photovoltaic–thermoelectric generators: Theory of Operation -- Hybrid photovoltaic–thermoelectric generators: Materials Issues -- Photovoltaic-thermoelectric-thermodynamic co-generation -- Technological Challenges, Economic Issues, and Perspectives -- Index.  |
| Sommario/riassunto      | This book provides a comprehensive overview on fully thermal and hybrid solar generators based on thermoelectric devices. The book fills a gap in the literature on solar conversion and thermoelectrics, because despite the growing number of papers dealing with the use of thermoelectrics in solar power conversion, no book exists for PV specialists or thermoelectricity experts to enter this field. The book is intended as a primer for scientists or engineers willing to complement their expertise in one of the two fields, and to get an updated, critical review of the state of the art in thermoelectric solar harvesting. |

