1. Record Nr. UNISALENTO991000543309707536

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| Autore | Swales, John Malcolm |
| Titolo | Genre analysis : english in academic and research settings / John M. Swales |
| Pubbl/distr/stampa | Cambridge [England] : Cambridge university, 1990 |
| ISBN | 0521338131 |
| Descrizione fisica | xi, 260 p. ; 24 cm |
| Collana | The Cambridge applied linguistics series |
| Disciplina | 428 |
| Soggetti | Lingua inglese - Studio e insegnamento |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |

2. Record Nr. UNINA9910746973403321

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| Autore | Anveshkumar Nella |
| Titolo | Energy Harvesting Trends for Low Power Compact Electronic Devices / / edited by Anveshkumar Nella, Anirban Bhowmick, Chandan Kumar, Maheswar Rajagopal |
| Pubbl/distr/stampa | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023 |
| ISBN | 9783031359651<br>3031359658 |
| Edizione | [1st ed. 2023.] |
| Descrizione fisica | 1 online resource (227 pages) |
| Collana | EAI/Springer Innovations in Communication and Computing, , 2522-8609 |
| Altri autori (Persone) | BhowmickAnirban<br>KumarChandan<br>RajagopalMaheswar |
| Disciplina | 621.31 |
| Soggetti | Energy harvesting<br>Electronics<br>Internet of things<br>Renewable energy sources<br>Energy Harvesting<br>Electronics and Microelectronics, Instrumentation<br>Internet of Things<br>Renewable Energy |

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| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di contenuto | Introduction -- Energy harvesting techniques and trends in applications -- Material and components selection for efficient energy harvesting -- RF and millimeter wave energy harvesting techniques and applications -- Energy harvesting systems for agriculture needs -- Acoustic signal energy harvesting techniques and relevant systems -- Bio-medical devices adopting energy harvesting schemes -- Wireless sensor networks, smart electronic gadget energy needs and energy harvesting systems -- Piezo energy harvesting and application prospects -- Energy harvesting systems for military, space and defence applications -- Mechanical energy harvesting scheme and implementation aspects, applications -- Fluid based energy harvesting systems for electronic appliances -- Energy harvesting schemes for home appliances, vehicles, chargers -- Light energy harvesting systems and applications -- Thermal energy harvesting prospects, systems and applications -- Conclusion. |
| Sommario/riassunto | This book focuses on the numerous energy harvesting techniques and their system implementation towards the fulfilment of energy requirements in compact electronic devices. These cover a wide range of applications in portable devices, bio-medical services, agriculture needs, mechanical systems, sensor networks, automobiles, food sector, home appliances, industry needs, etc. The authors detail energy harvesting methods using the latest technologies in acoustics, bio-chemical, thermal, artificial light, fluid flow, vibrations, EM energy, RF energy, piezoelectric, electrostatic, photovoltaic, thermoelectric, hybrid harvesting, ultrasonic, infrared, light, wind, and solar. The book is intended for researchers, academics, professionals, and students in energy harvesting. Covers a wide variety of energy harvesting techniques, implementation, and study; Presents enormous electronic device applications, power requirements, and solutions; Includes discussionon efficient energy harvesting materials, component selection and implementation. |