

1. Record Nr.	UNINA9910467751303321
Autore	Chen Yunfei <1976->
Titolo	Energy harvesting communications : principles and theories // Yunfei Chen, University of Warwick, Coventry, UK
Pubbl/distr/stampa	Hoboken, New Jersey : , : Wiley : , : IEEE Press, , 2019
ISBN	1-119-38305-6
Edizione	[1st edition]
Descrizione fisica	1 online resource (326 pages)
Disciplina	621.38232
Soggetti	Wireless communication systems - Power supply Energy harvesting Microharvesters (Electronics) Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	Provides a systematic overview of a hot research area, examining the principles and theories of energy harvesting communications. This book provides a detailed and advanced level introduction to the fundamentals of energy harvesting techniques and their use in state-of-the-art communications systems. It fills the gap in the market by covering both basic techniques in energy harvesting and advanced topics in wireless communications. More importantly, it discusses the application of energy harvesting in communications systems to give readers at different levels a full understanding of these most recent advances in communications technologies. The first half of Energy Harvesting Communications: Principles and Theories focuses on the challenges brought by energy harvesting in communications. The second part of the book looks at different communications applications enhanced by energy harvesting. It offers in-depth chapters that: discuss different energy sources harvested for communications; examine the energy harvesters used for widely used sources; study the physical layer and upper layer of the energy harvesting communications device; and investigate wireless powered communications, energy harvesting cognitive radios, and energy harvesting relaying as

applications. Methodically examines the state-of-the-art of energy harvesting techniques Provides comprehensive coverage from basic energy harvesting sources and devices to the end users of these sources and devices Looks at the fundamental principles of energy harvesting communications, and biomedical application and intra-body communications Written in a linear order so that beginners can learn the subject and experienced users can attain a broader view Written by a renowned expert in the field, Energy Harvesting Communications: Principles and Theories is an excellent resource for students, researchers, and others interested in the subject.

2. Record Nr.	UNINA9910706576303321
Autore	Oleson Steven R (Steven Robert), <1964->
Titolo	Advanced Hall electric propulsion for future in-space transportation // Steven R. Oleson and John M. Sankovic
Pubbl/distr/stampa	Cleveland, Ohio : , : National Aeronautics and Space Administration, Glenn Research Center, , April 2001
Descrizione fisica	1 online resource (11 pages) : illustrations
Collana	NASA/TM ; ; 2001-210676
Soggetti	Hall thrusters Electric propulsion Low Earth orbits Hydrazines Liquid rocket propellants
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"April 2001." "Prepared for the Third International Spacecraft Propulsion Conference cosponsored by the Centre National D'Etudes Spatiales and the European Space Agency, Cannes, France, October 10-13, 2000." "Performing organization: National Aeronautics and Space Administration, John H. Glenn Research Center at Lewis Field"--Report documentation page.
Nota di bibliografia	Includes bibliographical references (pages 10-11).

