1. Record Nr.   UNINA9911019703503321

Titolo	Green networking / / edited by Francine Krief
Pubbl/distr/stampa	London, : ISTE Ltd. Hoboken, N.J., : John Wiley & Sons, Inc., 2012
ISBN	9781118561713 1118561716 9781299186668 1299186661 9781118578223 1118578228 9781118580899 1118580893
Descrizione fisica	1 online resource (296 p.)
Collana	ISTE
Altri autori (Persone)	KriefFrancine
Disciplina	384.028/6
Soggetti	Telecommunication - Energy conservation Telecommunication - Environmental aspects Computer networks - Environmental aspects Sustainable engineering Computer networks - Energy conservation Green technology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Environmental impact of networking infrastructures -- A step towards energy-efficient wired networks -- A step towards green mobile networks -- Green telecommunications networks -- Cognitive radio in the service of green communication and networking -- Autonomous green networks -- Reconfigurable green terminals : a step towards sustainable electronics -- Schemes for putting base stations in sleep mode in mobile networks : presentation and evaluation -- Industrial application of green networking : a smart city. pt. 1. A step towards energy-efficient networks -- pt. 2. A step towards smart green networks and sustainable terminals -- pt. 3. Research

projects on green networking conducted by industrial actors.

Sommario/riassunto	This book focuses on green networking, which is an important topic for the scientific community composed of engineers, academics, researchers and industrialists working in the networking field. Reducing the environmental impact of the communications infrastructure has become essential with the ever increasing cost of energy and the need for reducing global CO_2 emissions to protect our environment.Recent advances and future directions in green networking are presented in this book, including energy efficient networks (wired networks, wireless networks, mobile networks), adaptive networ