1. | | |
|---|---|
| Record Nr. | UNINA9910830659603321 |
| Titolo | Green networking [[electronic resource] /] / edited by Francine Krief |
| Pubbl/distr/stampa | London, : ISTE Ltd.
 Hoboken, N.J., : John Wiley & Sons, Inc., 2012 |
| ISBN | 1-118-56171-6
 1-299-18666-1
 1-118-57822-8
 1-118-58089-3 |
| Descrizione fisica | 1 online resource (296 p.) |
| Collana | ISTE |
| Altri autori (Persone) | KriefFrancine |
| Disciplina | 384.028/6
 384.0286
 621.3821 |
| 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