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| 1. | Record Nr. | UNINA990001087640403321 |
| | Autore | Bullen, K.E. |
| | Titolo | An Introduction to the Theory of Mechanics / by K.E. Bullen |
| | Pubbl/distr/stampa | Cambridge : Cambridge University Press, 1965 |
| | Edizione | [7th ed.] |
| | Disciplina | 531 |
| | Locazione | FI1 |
| | Collocazione | 24-118 |
| | Lingua di pubblicazione | Inglese |
| | Formato | Materiale a stampa |
| | Livello bibliografico | Monografia |
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| 2. | Record Nr. | UNISALENTO991003208339707536 |
| | Autore | Lange, Hermann |
| | Titolo | Haftung für neues leben? / von Hermann Lange |
| | Pubbl/distr/stampa | Mainz : Akademie der wissenschaften und der literatur
Stuttgart : Franz Steiner, c1991 |
| | ISBN | 3515058842 |
| | Descrizione fisica | 19 p. ; 24 cm |
| | Collana | Abhandlungen der Geistes- und Sozialwissenschaftlichen Klasse /
Akademie der Wissenschaften und der Literatur ; 1991/2 |
| | Lingua di pubblicazione | Tedesco |
| | Formato | Materiale a stampa |
| | Livello bibliografico | Monografia |

3. Record Nr.	UNINA9910299475803321
Autore	Jha Kumud Ranjan
Titolo	Terahertz planar antennas for next generation communication / / Kumud Ranjan Jha, Ghanshyam Singh
Pubbl/distr/stampa	Cham [Switzerland] : , : Springer, , 2014
ISBN	3-319-02341-1
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (xxi, 207 pages) : illustrations (some color)
Collana	Gale eBooks
Disciplina	620 621.3 621.381 621.3815
Soggetti	Antennas (Electronics) Terahertz spectroscopy
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	Terahertz Sources and Antennas -- Multilayered microstrip transmission-line -- Microstrip Antenna Design by using Electromagnetic Bandgap Material -- Patch Array Antenna on EBG Substrate -- Ring-resonator Integrated Hemi-elliptical Lens Antenna -- Design of Highly Directive Cavity type Terahertz Antenna -- Performance Analysis of an Open-Loop Resonator Loaded Terahertz Microstrip Antenna -- Comparison Method to Predict the Directivity of Terahertz Patch Antenna -- THz Frequency Selective Surface -- Development in the Terahertz Communication System.
Sommario/riassunto	This book describes various methods to enhance the directivity of planar antennas, enabling the next generation of high frequency, wireless communication. The authors discuss various applications to the terahertz regime of the electromagnetic spectrum, with an emphasis on gain enhancement mechanisms. The numerical models of these antennas are presented and the analytical results are supported, using commercial simulators. The multilayer substrate microstrip transmission line at terahertz frequency is also explored and a method to obtain the various parameters of this interconnect at high frequency is described. This book will be a valuable resource for anyone needing

to explore the terahertz band gap for future wireless communication, in an effort to solve the bandwidth (spectrum scarcity) problem. • Enables development of terahertz communication systems in a license-free band of the electromagnetic spectrum; • Describes methods to design a multi-layered substrate transmission line to reduce various losses in the terahertz band; • Includes methods to enhance the directivity of planar antennas using electromagnetic bandgap material, double layered substrate material and frequency selective surface (FSS) in the terahertz band.
