1. Record Nr. UNINA9910820217603321

Autore	Pujolar Cos Joan
Titolo	Claves para Entender el Multilinguismo / / Joan Pujolar Cos and Luisa Martin Rojo
Pubbl/distr/stampa	[Place of publication not identified] : , : Editorial UOC, , [2020] ©2020
ISBN	84-9180-814-0
Descrizione fisica	1 online resource (266 pages)
Disciplina	306.446
Soggetti	Multilingualism - Social aspects Multilingualism - History
Lingua di pubblicazione	Spagnolo
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Sommario/riassunto	El libro ofrece una explicación de nuevos conceptos y teorías sociolingüísticos orientada a la formación de jóvenes universitarios e investigadores, e incluye propuestas de actividades didácticas y lecturas complementarias. En este contexto, los autores también plantean cuestiones sobre el papel que desempeña el multilingüismo en la sociedad y política contemporáneas, así como el papel que la lingüística podría alcanzar en estos debates.

2. Record Nr. UNINA9910254037203321

Autore	Choudhury Balamati
Titolo	Active Terahertz Metamaterial for Biomedical Applications / / by Balamati Choudhury, Arya Menon, Rakesh Mohan Jha
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2016
ISBN	981-287-793-2
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (63 p.)
Collana	SpringerBriefs in Computational Electromagnetics, , 2365-6239
Disciplina	620.11
Soggetti	Materials science Engineering—Materials Biomedical engineering Characterization and Evaluation of Materials Materials Engineering Biomedical Engineering and Bioengineering
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 indexes.
Nota di contenuto	Introduction -- Background Theory -- Methodology -- Design and Result Analysis -- Conclusion.
Sommario/riassunto	This book describes a metamaterial-based active absorber for potential biomedical engineering applications. Terahertz (THz) spectroscopy is an important tool for imaging in the field of biomedical engineering, due to the non-invasive, non-ionizing nature of terahertz radiation coupled with its propagation characteristics in water, which allows the operator to obtain high-contrast images of skin cancers, burns, etc. without detrimental effects. In order to tap this huge potential, it is important to build highly efficient biomedical imaging systems by introducing terahertz absorbers into biomedical detectors. The biggest challenge faced in the fulfilment of this objective is the lack of naturally occurring dielectrics, which is overcome with the use of artificially engineered resonant materials, viz. metamaterials. This book describes such a metamaterial-based active absorber. The design has been optimized using particle swarm optimization (PSO), eventually resulting in an ultra-thin active terahertz absorber. The absorber shows near unity absorption for a tuning range of terahertz (THz) application.