1. Record Nr. UNINA9910795894203321

Autore	Torres Fernandez Cristobal
Titolo	Diversidad Sexual y Genero a Traves de la Educacion y Las Artes / / Cristobal Torres Fernandez [and four others]
Pubbl/distr/stampa	Madrid : , : Dykinson, S.L., , [2021] ©2021
ISBN	84-1377-824-7
Edizione	[First edition.]
Descrizione fisica	1 online resource (196 pages)
Disciplina	302.2
Soggetti	Communication Technology transfer
Lingua di pubblicazione	Spagnolo
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910890178403321

Autore	Trubin Alexander
Titolo	Introduction to the Theory of Dielectric Resonators / / by Alexander Trubin
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	3-031-65396-3
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (372 pages)
Collana	Springer Series in Advanced Microelectronics, , 2197-6643 ; ; 65
Disciplina	530.41
Soggetti	Solid state physics Microresonators (Optoelectronics) Optics Optical materials Physics Astronomy Electronic Devices Microresonators Optics and Photonics Optical Materials Applied and Technical Physics Physics and Astronomy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Natural Oscillations of Isolated Dielectric Resonators -- Dielectric Resonators in Regular Metal Waveguides -- Mutual Coupling Coefficients of Dielectric Resonators in Cut-off Waveguides -- Coupling Coefficients of Dielectric Resonators in Microstrip Lines -- Dielectric Resonators in Open Space -- Coupling Coefficients of Dielectric Resonators in Open Space -- Coupled Oscillations of Dielectric Resonators -- Scattering of Electromagnetic Waves on Systems of Dielectric Resonators in Transmission Lines -- Scattering of Electromagnetic Waves on Systems of Coupled Dielectric Resonators in Open Space -- Antennas on Dielectric Resonators -- Scattering of Electromagnetic Pulses on Systems of Coupled Dielectric Resonators.

Sommario/riassunto

Embark on a comprehensive exploration of high-Q dielectric resonators. The book covers various shapes, introducing innovative scattering theories and new perspectives on coupling coefficients. It breaks ground by investigating coupled oscillations in diverse resonator types, shapes, and dielectrics, extending to frequency-detuned resonators and lattice formations. The revolutionary S-matrix methodology is presented with practical applications, including complex structures like optical microcavities. The book concludes by delving into the time domain, exploring pulse scattering and radiation by antenna arrays of dielectric resonators. Primarily targeted at researchers, engineers, and students in electromagnetics, materials science, and physics. This work uniquely combines theoretical depth with practical applications in high-Q dielectric resonators.