1. Record Nr. UNINA990010043550403321

Autore: Alisio, Giancarlo <1930-2005>

Titolo: Campi Flegrei : dodici tavole a colori / con un saggio di Giancarlo Alisio

Pubbl/distr/stampa: Napoli : Franco Di Mauro editore, 1997

Descrizione fisica: 7 p., 12 tav. sciolte ; 44 cm

Locazione: DARST

Collocazione: G. F 73

Lingua di pubblicazione: Italiano

Formato: Materiale a stampa

Livello bibliografico: Monografia

2. Record Nr. UNINA9910465343803321

Titolo: Advances in FDTD computational electrodynamics : photonics and nanotechnology / / Allen Taflove, editor ; Ardavan Oskooi and Steven G. Johnson, Coeditors

Pubbl/distr/stampa: Boston : , : Artech House, , 2013

[Piscataqay, New Jersey] : , : IEEE Xplore, , [2013]

ISBN: 1-60807-171-5

Descrizione fisica: 1 online resource (639 p.)

Collana: Artech House antennas and propagation library

Disciplina: 537.6

Soggetti: Nanophotonics

Maxwell equations - Numerical solutions

Photonics - Mathematical models

Electronic books.

Lingua di pubblicazione: Inglese

Formato: Materiale a stampa

Livello bibliografico: Monografia

Note generali: Description based upon print version of record.

Nota di bibliografia: Includes bibliographic references and index.

Nota di contenuto: ""Advances in FDTD Computational Electrodynamics Photonics and

Sommario/riassunto

This book presents the current state-of-the-art in formulating and implementing computational models of light with materials such as silicon and gold at the nanoscale. Maxwell's equations are solved using the finite-difference time-domain (FDTD) technique. It will help you understand the latest developments in computational modeling of nanoscale optical microscopy and microchip lithography. You will also explore cutting-edge details in modeling nanoscale plasmonics, including nonlocal dielectric functions, molecular interactions, and multi-level semiconductor gain. Other topics include nanoscale biophotonics, especially for detecting early-stage cancers, and quantum vacuum, including the Casimir effect and blackbody radiation.
--