

1. Record Nr.	UNINA9910589201303321
Autore	Mesiti, Domenico
Titolo	Diritto della previdenza sociale / Domenico Mesiti
Pubbl/distr/stampa	Milano, : Giuffrè Francis Lefebvre, c2020
ISBN	978-88-28-81935-6
Descrizione fisica	VIII, 311 p. ; 24 cm
Disciplina	344.4502
Locazione	FGBC
Collocazione	VII E 235
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNINA9910300427003321
Autore	Salvatore Stefano
Titolo	Optical Metamaterials by Block Copolymer Self-Assembly // by Stefano Salvatore
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-05332-9
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (89 p.)
Collana	Springer Theses, Recognizing Outstanding Ph.D. Research, , 2190-5053
Disciplina	621.30284
Soggetti	Nanoscience Nanostructures Optical materials Electronics - Materials Polymers Nanotechnology Engineering—Materials Nanoscale Science and Technology Optical and Electronic Materials Polymer Sciences Materials Engineering

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 at the end of each chapters.
Nota di contenuto	Introduction -- Background -- Gyroid Metamaterial Fabrication -- Gyroid Metamaterial Characterization -- Tuning Methods -- Hollow Gyroid -- Flexible and Stretchable Gyroid Metamaterials -- Metamaterial Sensors.
Sommario/riassunto	Metamaterials are artificially designed materials engineered to acquire their properties by their specific structure rather than their composition. They are considered a major scientific breakthrough and have attracted enormous attention over the past decade. The major challenge in obtaining an optical metamaterial active at visible frequencies is the fabrication of complex continuous metallic structures with nanometric features. This thesis presents the fabrication and characterization of optical metamaterials made by block copolymer self-assembly. This approach allows fabrication of an intriguing and complex continuous 3D architecture called a gyroid, which is replicated into active plasmonic materials such as gold. The optical properties endowed by this particular gyroid geometry include reduction of plasma frequency, extraordinarily enhanced optical transmission, and a predicted negative refractive index. To date, this is the 3D optical metamaterial with the smallest features ever made.