

1. Record Nr.	UNINA9910462673203321
Titolo	Optical thin films and coatings : from materials to applications // edited by Angela Piegari and Francois Flory
Pubbl/distr/stampa	Philadelphia, PA : , : Woodhead Pub., , 2013
ISBN	0-85709-731-8
Descrizione fisica	1 online resource (869 p.)
Collana	Woodhead Publishing series in electronic and optical materials, , 2050-1501 ; ; number 49
Altri autori (Persone)	PiegariAngela FloryFrancois
Disciplina	681 681.4 681/.4
Soggetti	Optical films Optical coatings Thin films 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 bibliographical references and index.
Nota di contenuto	part I. Design and manufacturing of optical thin films and coatings -- part II. Unconventional features of optical thin films and coatings -- part III. Novel materials for optical thin films and coatings -- part IV. Applications of optical thin films and coatings.
Sommario/riassunto	Optical coatings, including mirrors, anti-reflection coatings, beam splitters, and filters, are an integral part of most modern optical systems. Optical thin films and coatings provides an overview of thin film materials, the properties, design and manufacture of optical coatings and their use across a variety of application areas.Part one explores the design and manufacture of optical coatings. Part two highlights unconventional features of optical thin films including scattering properties of random structures in thin films, optical properties of thin film materials at short waveleng