

1. Record Nr.	UNINA9910151703803321
Autore	Fulay Pradeep P. <1960-, >
Titolo	Electronic, magnetic, and optical materials // Pradeep Fulay, Jung-Kun Lee
Pubbl/distr/stampa	Boca Raton : , : CRC Press, , [2017] ©2017
ISBN	1-4987-0173-6 1-315-37187-1 1-4987-0172-8
Edizione	[Second edition.]
Descrizione fisica	1 online resource (554 pages) : illustrations
Collana	Advanced materials and technologies series
Disciplina	621.381
Soggetti	Electronics - Materials Magnetic materials Optical materials
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	chapter 1. Introduction -- chapter 2. Electrical conduction in metals and alloys -- chapter 3. Fundamentals of semiconductor materials -- chapter 4. Fermi energy levels in semiconductors -- chapter 5. Semiconductor p-n junctions -- chapter 6. Semiconductor devices -- chapter 7. Linear dielectric materials -- chapter 8. Optical properties of materials -- chapter 9. Electrical and optical properties of solar cells -- chapter 10. Ferroelectrics, piezoelectrics, and pyroelectrics -- chapter 11. Magnetic materials.