

1. Record Nr.	UNINA9910829919303321
Titolo	Semiconducting polymers : chemistry, physics, and engineering
Pubbl/distr/stampa	[Place of publication not identified], : Wiley VCH, 2000
ISBN	1-280-56081-9 9786610560813 3-527-60218-6
Descrizione fisica	1 online resource (656 pages)
Disciplina	547/.704577
Soggetti	Organic semiconductors - Electric properties Polymers - Optical properties Polymers - Materials Semiconductor doping Electronics Organic Chemistry Chemistry Physical Sciences & Mathematics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Sommario/riassunto	The field of semiconducting polymers has attracted many researchers from a diversity of disciplines. While, on the one hand, some of the foreseen applications are already being realized in industrial products, there is, on the other hand, still a deficient knowledge of the basic phenomena. Many of our insights derive from the pioneering studies of conducting polymers in the 1980's. Whereas conjugated polymers in their conducting (doped) form have seen limited practical use so far, the potential of semiconducting polymers looks enormous. For the latter, the processibility requirements for device fabrication can be more easily met. This book describes the various approaches taken by prominent researchers in the fields of synthetic chemistry, physical chemistry, engineering, computational chemistry, theoretical physics, and applied physics to understand and control the properties of these

fascinating molecular materials.

2. Record Nr.	UNISA996207326603316
Titolo	Journal of molecular modeling
Pubbl/distr/stampa	Berlin, : Springer, ©1996-
ISSN	0948-5023
Soggetti	Molecules - Models Molecular structure - Mathematical models Molecular structure - Data processing Molécules - Modèles Structure moléculaire - Modèles mathématiques Structure moléculaire - Informatique Molekulardesign Zeitschrift Online-Ressource Models, Molecular Models, Chemical Molecular Structure Periodicals. Zeitschrift Online-Publikation Periodical
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Title from homepage (viewed Feb. 18, 1998). Refereed/Peer-reviewed

