

1. Record Nr.	UNINA9910798285803321
Autore	Agarwal Seema
Titolo	Electrospinning : a practical guide to nanofibers / / Seema Agarwal [and three others]
Pubbl/distr/stampa	Berlin, [Germany] ; ; Boston, [Massachusetts] : , : de Gruyter, , 2016 ©2016
ISBN	3-11-033351-1 3-11-038260-1
Descrizione fisica	1 online resource (190 p.)
Collana	De Gruyter Textbook
Disciplina	620.1/97
Soggetti	Nanofibers Fibers Electrospinning
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes indexes.
Nota di contenuto	Frontmatter -- Preface -- Contents -- 1. Introduction and fiber-processing methods -- 2. Nanofibers -- 3. Characterization of spinning solutions and fibers -- 4. Electrospinning experiments -- 5. Selected applications of electrospun fibers and chemistry of corresponding polymers -- List of abbreviations -- Polymer index -- Subject Index
Sommario/riassunto	Focuses on basic aspects of nano/microfibers made by electrospinning with details on spinning recipes, characterization techniques and chemistry of the polymers in use. The basic understanding provided in the book, is useful for producing 1D and 3D fibrous structures with specific properties for applications, e.g. textiles, membranes, reinforcements, catalysis, filters or biomedical uses. Students and practitioners will find great value in the step by step instructions how to manufacture nanofibers. - Electrospinning equipment- History of electrospinning and nanofibers -characterization-fundamentals of electrospun fibers- Ready-made recipes for spinning solutions- Conditions for the productions of highly diverse fiber morphologies and arrangements- Chemistry of fiber forming materials

2. Record Nr.	UNINA9910821754003321
Titolo	Commutative algebra and algebraic geometry : Joint International Meeting of the American Mathematical Society and the Indian Mathematical Society on Commutative Algebra and Algebraic Geometry, Bangalore, India, December 17-20, 2003 / / Sudhir Ghorpade, Hema Srinivasan, Jugal Verma, editors
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , [2005] ©2005
ISBN	0-8218-7980-4 0-8218-3629-3
Descrizione fisica	1 online resource (192 p.)
Collana	Contemporary mathematics, , 0271-4132 ; ; 390
Disciplina	512/.44
Soggetti	Commutative algebra Geometry, Algebraic
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.
Nota di contenuto	""Contents""; ""Preface""; ""Foreword""; ""List of Speakers""; ""List of Young Researchers""; ""Simultaneous Surface Resolution in Quadratic and Biquadratic Galois Extensions""; ""An analogue of a theorem due to Levin and Vasconcelos""; ""On Quillen's Local Global Principle""; ""Asymptotic Behaviour of Cohomology: Tameness, Supports and Associated Primes""; ""Conic divisor classes over a normal monoid algebra""; ""Multi-graded algebras associated to surface singularities""; ""Some Results on Subalgebras of Polynomial Algebras"" ""Rees algebras of the second syzygy module of the residue field of a regular local ring""""A Note on Syzygies of Projective Varieties""; ""A Local Global Principle for the Elementary Unimodular Vector group""; ""Picture invariants and the isomorphism problem for complex semisimple Lie algebras""; ""Geometric reductivity (Mumford's Conjecture) a€? revisited""; ""On the arithmetic rank of certain Segre products""; ""On a Question of Huneke-Jaffe concerning Seminormality""; ""Strong semistability and Hilbert-Kunz multiplicity for singular plane curves""

