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Nota di contenuto	Cover; Contents; Preface; 1. Introduction; 1.1. Background; 1.2. History; 1.3. Nomenclature; 2. Preparation, Analysis, and Degradation; 2.1. Preparation of Monomers; 2.2. Ring-Opening Polymerizations; 2.3. Other Approaches and Copolymerizations; 2.4. Structural Features; 2.5. Elastomer Technology; 2.6. Analysis and Testing; 2.7. Degradation; 3. Types of Polysiloxanes; 3.1. Homopolymers; 3.2. Reactive Chains; 3.3. Dendrimers and Hyperbranched Polymers; 3.4. Liquid-Crystalline Polymers; 3.4.1. Main-Chain Liquid-Crystalline Elastomers; 3.4.2. Side-Chain Liquid-Crystalline Elastomers; 3.5. Cyclics; 3.5.1. Introduction; 3.5.2. Miscellaneous Properties of Polysiloxane Cyclics; 3.5.3. Comparisons Between Polysiloxane Cyclics and Polysiloxane Linear Chains; 3.6. Other Novel Materials; 3.6.1. Blends; 3.6.2. Ceramic Phases and Coatings; 3.6.3. Micropatterned Materials; 3.6.4. Nanofilaments and Molecular Wires; 3.6.5. Thermosets; 4. Some Characterization Techniques Useful for Polysiloxanes; 4.1. General Comments; 4.2. Optical and Spectroscopic Techniques; 4.3. Microscopies; 4.4. Nuclear Magnetic Resonance; 4.5. Thermoporometry; 4.6. Scattering of Light, X-Rays, and Neutrons; 4.7. Brillouin Scattering; 4.8. Pulse Propagation; 4.9. Theory and Simulations; 5. General Properties; 5.1. Some General Information; 5.2. Conformations and Spatial Configurations; 5.2.1. Symmetrically Substituted Polysiloxanes; 5.2.2. Stereochemically Variable Polysiloxanes; 5.2.3. Some Unusual Side Groups; 5.2.4. Poly

(dimethylsilmethylene); 5.3. Flexibility of the Polymer Chains; 5.3.1. Equilibrium Flexibility; 5.3.2. Dynamic Flexibility; 5.3.3. Viscoelasticity; 5.4. Permeability; 5.5. Dielectric Constants and Dipole Moments; 5.6. Stability, Safety Aspects, and Environmental Impacts 5.7. Thermodynamics 5.8. Crystallinity; 5.9. Some Additional Unusual Properties of PDMS; 6. Surfaces; 6.1. Introduction; 6.2. Interactions with Water; 6.2.1. Hydrophilicity and Hydrophobicity; 6.2.2. Superhydrophilicity and Superhydrophobicity; 6.3. Characterization; 6.3.1. Contact Angles; 6.3.2. Wettability; 6.3.3. Spreading; 6.3.4. Surface Pressure; 6.3.5. Atomic Force Microscopy; 6.3.6. Nuclear Magnetic Resonance; 6.3.7. Swelling; 6.3.8. Exposure to Seawater; 6.4. Chains Bonded to or Embedded in Surfaces; 6.4.1. Tethering; 6.4.2. Grafting; 6.5. Radiation Treatments 6.5.1. Plasmas and Photons 6.5.2. UV and UV/Ozone Treatments; 6.5.3. Ion Beams; 6.6. Some Additional Chemical Aspects; 6.6.1. Emulsions; 6.6.2. Radical Polymerization; 6.6.3. Copolymers with Polyurethanes; 6.7. Migration; 6.7.1. Surface Segregation; 6.7.2. Recovery and Restructuring; 6.7.3. Self-Healing; 6.8. Interactions with Biomolecules; 6.8.1. Trapped Biomolecules; 6.8.2. Controlled Release; 6.8.3. Protein Adsorption; 6.8.4. Cells and Antigen Molecules; 6.8.5. Biofouling; 6.9. Mechanical Aspects; 6.9.1. Friction and Lubricity; 6.9.2. Adhesion; 6.9.3. Tribology; 6.10. Some Novel Materials 6.10.1. Dendrimers

Sommario/riassunto

A synthesis of the novel aspects of polysiloxane science and engineering.

2. Record Nr.	UNINA9910966479203321
Titolo	Women's work : making dance in Europe before 1800 // edited by Lynn Matluck Brooks
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ISBN	9786612255984 9780299225339 029922533X 9781282255982 1282255983
Edizione	[1st ed.]
Descrizione fisica	1 online resource (282 p.)
Collana	Studies in dance history
Altri autori (Persone)	BrooksLynn Matluck
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Soggetti	Women dancers - Europe - History Dance - Europe - History
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	The doubly invisible: Dance in history, women in dance history / Lynn Matluck Brooks -- Isabella and the dancing Este brides, 1473-1514 / Barbara Sparti -- Fabritio Caroso's patronesses / Angene Feves -- At the Queen's command : Henrietta Maria and the development of the English masque / Anne Daye -- The female ballet troupe of the Paris Opera from 1700 to 1725 / Nathalie Lecomte -- Francoise Prevost : the unauthorized biography / Regine Astier -- The shaping of Galatea : who controlled the career of Marie Salle? / Sarah McCleave -- In pursuit of the dancer-actress / Moira Goff -- Elisabeth of Spalbeek : dancing the passion / Karen Silen -- Galanterie and gloire : women's will and the eighteenth-century worldview in Les Indes galantes / Joellen A. Meglin.
Sommario/riassunto	Like the history of women, dance has been difficult to capture as a historical subject. Yet in bringing together these two areas of study, the nine internationally renowned scholars in this volume shed new and surprising light on women's roles as performers of dance, choreographers, shapers of aesthetic trends, and patrons of dance in Italy, France, England, and Germany before 1800. Through dance,

women asserted power in spheres largely dominated by men: the court, the theater, and the church. As women's dance worlds intersected with men's, their lives and visions were supported or opposed, creating a complex politics of creative, spiritual, and political expression. From a women's religious order in the thirteenth-century Low Countries that used dance as a spiritual rite of passage to the salon culture of eighteenth-century France where dance became an integral part of women's cultural influence, the writers in this volume explore the meaning of these women's stories, performances, and dancing bodies, demonstrating that dance is truly a field across which women have moved with finesse and power for many centuries past.
