1. Record Nr. UNINA9910815423003321

Autore	Parrish Erin D.
Titolo	A profile of the textile manufacturing industry / / Erin D. Parrish
Pubbl/distr/stampa	New York, New York (222 East 46th Street, New York, NY 10017) : , : Business Expert Press, , 2016
ISBN	1-60649-549-6
Edizione	[First edition.]
Descrizione fisica	1 online resource (77 pages)
Collana	Industry profiles collection, , 2331-0073
Disciplina	338.4767700973
Soggetti	Textile industry - United States Textile manufacturers - United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references (pages 67-73) and index.
Nota di contenuto	1. Introduction -- 2. How the textile industry operates -- 3. Industry organization and competition -- 4. Outside market forces impacting the textile industry -- 5. Regulations in the textile industry -- 6. Challenges and opportunities -- Notes -- References -- Index.
Sommario/riassunto	The textile manufacturing industry (NAICS 313) has played an important role in the history of the United States and continues to be a major industrial employer, not only in the U.S., but also around the world. Textiles are mainly considered a component part of the supply chain, with end uses ranging from apparel to home textiles to industrial goods to medical textiles. Even though apparel is the largest end use of textiles and has increasingly moved offshore to low-cost labor countries, there remains a growing textile manufacturing industry in the U.S. for capital and technology-intensive products, such as nonwovens and those with military end uses. One unique aspect of textile manufacturing is that it includes sectors from agriculture, chemicals, industrial manufacturing, cutting-edge research and development, in addition to the fashion aspects of apparel and home goods. It is highly dependent on economic conditions and consumer demand, and competition is primarily based on price. Another unique aspect of the textile manufacturing industry is its fragmented nature. Whereas a few major players define most industries, there are over 8,000 textile establishments in the U.S., and no major textile firm has more than 2 percent share of the market. Also, unique to the textile

	industry is its importance in the global economy and to the economic development of other countries, particularly related to labor rights and women's issues. The textile manufacturing industry illustrates a variety of concepts including economics, technology and engineering, agriculture, history, marketing and fashion, globalization, social studies, labor issues, and environmental regulations, which would be useful to a number of audiences including students, industry, and public policymakers.

2. Record Nr. UNINA9910139594903321

Titolo	Mathematical modeling in biomedical imaging II : optical, ultrasound, and opto-acousitc tomographies / / Habib Ammari (ed.)
Pubbl/distr/stampa	Berlin, : Springer, 2012
ISBN	9783642229909 3642229905
Edizione	[1st ed. 2012.]
Descrizione fisica	1 online resource (IX, 160 p. 43 illus., 38 illus. in color.)
Collana	Lecture notes in mathematics, , 0075-8434 ; ; 2035
Altri autori (Persone)	AmmariHabib
Disciplina	519
Soggetti	Tomography - Mathematical models Biomedical engineering - Mathematical models
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Direct Reconstruction Methods in Optical Tomography -- Direct Reconstruction Methods in Ultrasound Imaging of Small Anomalies -- Photoacoustic Imaging for Attenuating Acoustic Media -- Attenuation Models in Photoacoustics -- Quantitative Photoacoustic Tomography.
Sommario/riassunto	This volume reports on recent mathematical and computational advances in optical, ultrasound, and opto-acoustic tomographies. It outlines the state-of-the-art and future directions in these fields and provides readers with the most recently developed mathematical and computational tools. It is particularly suitable for researchers and graduate students in applied mathematics and biomedical engineering.