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Titolo	Artificial Intelligence for Fashion Industry in the Big Data Era / / edited by Sébastien Thomassey, Xianyi Zeng
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ISBN	9789811300806 981-13-0080-1
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Descrizione fisica	1 online resource (288 pages)
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Soggetti	Marketing research Textile industry Artificial intelligence Market Research/Competitive Intelligence Textile Engineering Artificial Intelligence
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Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	AI based fashion sales forecasting methods in big data era -- Enhanced Predictive Models for Purchasing in the Fashion Field by Applying Regression Trees Equipped with Ordinal Logistic Regression -- A Data Mining Based Framework for Multi-Item Markdown Optimization -- Social Media Analytics for decision support in Fashion Buying Processes -- Review of Artificial Intelligence Applications in Garment Manufacturing -- AI for Apparel Manufacturing in Big Data Era: A Focus on Cutting and Sewing -- A Discrete Event Simulation Model with Genetic Algorithm Optimization for Customized Textile Production Scheduling -- An intelligent fashion replenishment system based on data analytics and expert judgement -- Blockchain based secured traceability system for textile and clothing supply chain -- Artificial intelligence applied to multisensory studies of textile products -- Evaluation of Fashion Design Using Artificial Intelligence Tools -- Garment wearing comfort analysis using data mining technology -- Garment fit evaluation using machine learning technology.
Sommario/riassunto	This book provides an overview of current issues and challenges in the

fashion industry and an update on data-driven artificial intelligence (AI) techniques and their potential implementation in response to those challenges. Each chapter starts off with an example of a data-driven AI technique on a particular sector of the fashion industry (design, manufacturing, supply or retailing), before moving on to illustrate its implementation in a real-world application.