1. Record Nr. UNIPARTHENOPE000018919

Autore	Mignotte, Maurice
Titolo	Mathematics for computer algebra / Maurice Mignotte ; translated by Catherine Mignotte
Pubbl/distr/stampa	New York : Springer, c1992
Titolo uniforme	Mathematique pour le calcul formel <in inglese>
ISBN	0-387-97675-2
Descrizione fisica	XIV, 346 p. ; 25 cm
Disciplina	512
Collocazione	M 512.15
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910992774403321

Autore	Sarkar Bidyut
Titolo	AI for Advanced Manufacturing and Industrial Applications / / Bidyut Sarkar and Rudrendu Kumar Paul
Pubbl/distr/stampa	Cham : , : Springer, , [2025]264 ©2025
ISBN	9783031860911
Descrizione fisica	1 online resource (xx, 174 pages) : illustrations
Disciplina	006.3
Soggetti	Artificial intelligence - Industrial applications Manufacturing processes - Automation Industrial engineering Production engineering Big data Artificial Intelligence Industrial and Production Engineering Big Data Intel·ligència artificial Aplicacions industrials Enginyeria industrial Llibres electrònics

Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction to AI in Manufacturing -- AI-Driven Manufacturing Processes -- AI and Advanced Analytics Applications -- Intelligent Supply Chains -- Implementation Challenges and Solutions -- AI Safety and Ethical Considerations -- The Road Ahead.
Sommario/riassunto	This book provides a deep dive into the applications of Artificial Intelligence (AI) in advanced manufacturing and intelligent autonomous systems. Through real-world use cases and cutting-edge insights, it examines how AI, machine learning, IoT, and Industry 5.0 are revolutionizing manufacturing processes from end to end. Discover how integrating AI technologies with data analytics and IoT can unlock smarter, more efficient, and adaptable manufacturing solutions. Learn how predictive algorithms can foresee equipment failures, optimize inventory in real time, and enable autonomous robots to handle complex tasks, from assembly to logistics. With these innovations, manufacturers can achieve new levels of productivity, drive innovation, and create future-ready business models. Designed for industry practitioners, decision-makers, and aspiring professionals, this comprehensive guide offers actionable strategies and practical insights for implementing AI in advanced manufacturing. Whether you’re a leader seeking to modernize operations or a graduate student aiming to enter this dynamic field, this book will empower you to navigate and leverage the next frontier of industrial innovation.