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Descrizione fisica	1 online resource (224 pages)
Disciplina	621,398 4,019
Soggetti	Human-machine systems Machine learning Natural language processing (Computer science) Human-Machine Interfaces Machine Learning Natural Language Processing (NLP)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- How to define intelligence -- The Historical Development -- Mathematics on the Computer -- Polynomial and Exponential Complexity -- Game Theory Cybernetics and Information Theory -- Machine Learning and Neural Networks -- Other Applications -- Digitization -- Image processing -- Robotics -- Artificial Intelligence in Finance -- Artificial Intelligence and Education -- Artificial Intelligence in the Arts -- Artificial Intelligence in Law -- The Development in South and Central America and the Caribbean -- Future Developments.
Sommario/riassunto	This book demystifies the topic of Artificial Intelligence for readers of varying backgrounds. The content should enable many people to discuss and follow ongoing developments in an informed way, to draw conclusions for their own life and workplace and to acquire the necessary new knowledge. The book strives to provide basic knowledge that will objectify the discussions and relieve some of the creepiness of utopian films. It must also be understood that research results are a

necessary condition for progress; they are not sufficient until they can be translated into practice embedded in programs. This difficult relationship between theory and practice has been known for a long time. Offers a concise introduction to Artificial Intelligence (AI), accessible to readers of varying backgrounds; Discusses the development of AI in an historical context; Describes various, current applications of AI, their development and use cases.
