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	Autore	Kayser, Wolfgang Johannes <1906-1960>
	Titolo	Kleine deutsche Verssschule / von Wolfgang Kayser
	Pubbl/distr/stampa	München : L. Lehnen, c1947
	Edizione	[3. verb. Aufl.]
	Descrizione fisica	118 p. ; 18 cm
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	Livello bibliografico	Monografia
2.	Record Nr.	UNINA9910863113903321
	Titolo	Intelligent Systems and Methods to Combat Covid-19 // edited by Amit Joshi, Nilanjan Dey, K. C. Santosh
	Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2020
	ISBN	981-15-6572-4
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	Descrizione fisica	1 online resource (xii, 91 pages) : illustrations
	Collana	SpringerBriefs in Computational Intelligence, , 2625-3712
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	Soggetti	Computational intelligence Artificial intelligence Medical informatics Control engineering Robotics Automation Big data Computational Intelligence Artificial Intelligence Health Informatics Control, Robotics, Automation Big Data

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Nota di contenuto	Chapter 1. Data Analytics: COVID-19 Prediction using Multimodal Data -- Chapter 2. COVID-19 Apps: Privacy and security concerns -- Chapter 3. Coronavirus Outbreak: Multi-objective Prediction and Optimization -- Chapter 4. AI-Enabled Framework to Prevent COVID-19 from Further Spreading -- Chapter 5. Artificial Intelligence Enabled Robotic Drones for COVID-19 Outbreak -- Chapter 6. Understanding and Analysis of Enhanced COVID-19 Chest X-Ray Images -- Chapter 7. Deep Learning-based COVID-19 Diagnosis and Trend Predictions -- Chapter 8. COVID-19: Loose Ends -- Chapter 9. Social Distancing and Artificial Intelligence- Understanding the Duality in the times of Covid-19 -- Chapter 10. Post Covid-19 and Business Analytics.
Sommario/riassunto	This book discusses intelligent systems and methods to prevent further spread of COVID-19, including artificial intelligence, machine learning, computer vision, signal processing, pattern recognition, and robotics. It not only explores detection/screening of COVID-19 positive cases using one type of data, such as radiological imaging data, but also examines how data analytics-based tools can help predict/project future pandemics. In addition, it highlights various challenges and opportunities, like social distancing, and addresses issues such as data collection, privacy, and security, which affect the robustness of AI-driven tools. Also investigating data-analytics-based tools for projections using time series data, pattern analysis tools for unusual pattern discovery (anomaly detection) in image data, as well as AI-enabled robotics and its possible uses, the book will appeal to a broad readership, including academics, researchers and industry professionals.