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Autore	Kayser, Wolfgang Johannes <1906-1960>
Titolo	Kleine deutsche Versschule / von Wolfgang Kayser
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Titolo	Intelligent Systems and Methods to Combat Covid-19 / / edited by Amit Joshi, Nilanjan Dey, K. C. Santosh
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Nota di contenuto	<p>Chapter 1. Data Analytics: COVID-19 Prediction using Multimodal Data</p> <p>-- Chapter 2. COVID-19 Apps: Privacy and security concerns --</p> <p>Chapter 3. Coronavirus Outbreak: Multi-objective Prediction and Optimization</p> <p>-- Chapter 4. AI-Enabled Framework to Prevent COVID-19 from Further Spreading</p> <p>-- Chapter 5. Artificial Intelligence Enabled Robotic Drones for COVID-19 Outbreak</p> <p>-- Chapter 6. Understanding and Analysis of Enhanced COVID-19 Chest X-Ray Images</p> <p>-- Chapter 7. Deep Learning-based COVID-19 Diagnosis and Trend Predictions</p> <p>-- Chapter 8. COVID-19: Loose Ends</p> <p>-- Chapter 9. Social Distancing and Artificial Intelligence- Understanding the Duality in the times of Covid-19</p> <p>-- Chapter 10. Post Covid-19 and Business Analytics.</p>
Sommario/riassunto	<p>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.</p>