

1. Record Nr.	UNINA9910794660803321
Titolo	Use of AI, Robotics, and Modern Tools to Fight Covid-19. // Arpit Jain [and three others], editors
Pubbl/distr/stampa	Denmark : , : River Publishers, , [2021] ©2021
ISBN	1-00-333996-4 1-003-33996-4 1-000-79479-2 87-7022-442-0
Edizione	[1st ed.]
Descrizione fisica	1 online resource (248 pages)
Collana	River Publishers series in automation, control and robotics
Disciplina	610.28563
Soggetti	Artificial intelligence - Medical applications COVID-19 (Disease)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Preface; Acknowledgement; List of Contributors; List of Figures; List of Tables; List of Notations and Abbreviations; 1 The History of Pandemics and Evolution So Far; 2 Tracing the Origins of COVID-19; 3 AI for COVID-19: The Journey So Far; 4 Technological Opportunities to Fight COVID-19 for; 5 Mobile Robots in COVID-19; 6 Predictor System for Tracing COVID-19 Spread; 7 Discovery of Robust Distributions of COVID-19 Spread; 8 Toward Smart Hospital: An Intelligent Personnel Scheduling Using Evolutionary Algorithms; 9 Role of Artificial Intelligence Based Wireless Sensor Network for Pandemic Control: A Case; 10 Peculiarities of Technical Measures During the COVID-19 Pandemic; 11 Climate Change and COVID-19: An Interplay; 12 COVID-19 Pandemic: A New Era in Higher Education; 13 Virtual Reality: Solution to Reduce the Impact of COVID-19 on Global Economy; References; Index About the Editors.
Sommario/riassunto	This book describes the various AI, IoT, robotics, mathematical and computational modelling tools that have been used to fight the Covid-19 pandemic.

