1. Record Nr. UNINA9910715177203321

Titolo	An evaluation of the Ball-Matic device, a PVC air bleed
Pubbl/distr/stampa	[Ann Arbor, Mich.] : , : Technology Assessment and Evaluation Branch, Emission Control Technology Division, Office of Mobile Source Air Pollution Control, Environmental Protection Agency, , June 1976
Descrizione fisica	1 online resource (8 pages) : illustrations
Soggetti	Automobiles - Fuel consumption Automobiles - Pollution control devices - Testing Automobiles - Fuel systems - Testing Automobiles - Motors - Exhaust gas - Analysis Air quality management - United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"76-23 ALW." "June 1976." Chiefly tables.
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Titolo	Intelligent Healthcare : Infrastructure, Algorithms and Management / / edited by Chinmay Chakraborty, Mohammad R. Khosravi
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2022
ISBN	981-16-8150-3 981-16-8149-X
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (493 pages)
Collana	Computer Science Series
Disciplina	060
Soggetti	Medical informatics Computational intelligence Internet of things Biomedical engineering Image processing Computers and civilization Health Informatics Computational Intelligence Internet of Things Medical and Health Technologies Image Processing Computers and Society
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Chapter 1. Distributed and Big Health Data Processing for Remote and Ubiquitous Healthcare Services Using Blind Statistical Computing: Review and Trends on Blindness for Internet of Artificially Intelligent Medical Things -- Chapter 2. Computer Techniques for Medical Image Classifica-tion: A Review -- Chapter 3. Optimal Feature Selection for Computer-Aided Charac-terization of Tissues – Case Study of Mammograms -- Chapter 4. Breast Cancer Detection Using Particle Swarm Op-timization and Decision Tree Machine Learning Technique -- Chapter 5. Accountable, Responsible,Transparent Artificial Intelligence in Ambient IntelligenceSystems for Healthcare -- Chapter

6. Intelligent elderly people fall detection based on modified deep learning deep transfer learning and IoT using thermal imaging-assisted pervasive surveillance -- Chapter 7. An Analytic Approach to Diagnose Heart Stroke Using Supervised Machine Learning Techniques -- Chapter 8. A Predictive Analysis for Diagnosis of COVID-19, Pneumoniaand Lung Cancer Using Deep Learning -- Chapter 9. Internet of Things in the Healthcare Applications: Overview of Security and Privacy Issues -- Chapter 10. Secure and Privacy-aware Intelligent Healthcare Systems: A Review -- Chapter 11. Secure data transfer and provenance for distributed healthcare -- Chapter 12. Blockchain Technology in Healthcare: Use cases Study -- Chapter 13. Integrating Artificial Intelligence and Blockchain for Enabling a Trusted Ecosystem for Healthcare Sector -- Chapter 14. Internet of Medical Things (IoMT): Applications, Challenges, and Prospects in a Data-Driven Technology -- Chapter 15. Healthcare Infrastructure in Future Smart Cities -- Chapter 16. Wearable Sensors and Pervasive Computing for Remote Healthcare -- Chapter 17. A wavelet-based robust medical image watermarking technique using whale optimization algorithm for data exchange through internet of medical things -- Chapter 18. Emergence of 3D Printing Technology in the Intelligent Healthcare Systems: A BriefDrug Delivery Approach -- Chapter 19. Efficient Physical Layer Techniques for Healthcare Applications: Co-operative Network Coding Algorithms and Modified Equalizers -- Chapter 20. Emerging Paradigm of Smart Healthcare in the Management of COVID-19 Pandemic and Future Health Crisis -- Chapter 21. E-Health System for Automatic Control of Travel Certificates and Monitoring of the Spread of COVID-19 in Tunisia.

Sommario/riassunto

The book Intelligent Healthcare: Infrastructure, Algorithms, and Management® cover a wide range of research topics on innovative intelligent healthcare solutions and advancements with the latest research developments. Data analytics are relevant for healthcare to meet many technical challenges and issues that need to be addressed to realize this potential. The advanced healthcare systems have to be upgraded with new capabilities such as data analytics, machine learning, intelligent decision making, and more professional services. The Internet of Things helps to design and develop intelligent healthcare solutions assisted by security, data analytics, and machine learning. This book will provide federated learning, Data-driven infrastructure design, analytical approaches, and technological solutions with case studies for smart healthcare. This book aims to attract works on multidisciplinary research spanning across computer science and engineering, environmental studies, services, urban planning and development, Healthcare, social sciences, and industrial engineering on technologies, case studies, novel approaches, and visionary ideas related to data-driven innovative learning and computing solutions and big medical data-powered applications to cope with the real-world challenges for building smart healthcare sectors. Main Features: Ø Immersive technologies in healthcare Ø Internet of medical things Ø Federated learning algorithms Ø Explainable AI in Pervasive Healthcare Ø New management principles using biomedical data Ø Secured healthcare management systems This book aims to set up a better understanding of data scientists, researchers, and technologists under innovative digital health. The reader can find out existing research challenges, current market trends, and low-cost technologies to smoothly address the digital health issue.