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Autore	Castillo Ayala Jorge Enrique
Titolo	Aportes analíticos al estudio de aguas residuales y potables
Pubbl/distr/stampa	Colombia, : Universidad Santiago de Cali, 2020
Descrizione fisica	1 electronic resource (194 pages)
Disciplina	628.162
Soggetti	Sewage treatment & disposal Colombia
Lingua di pubblicazione	Spagnolo
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	El lector podrá encontrar en el libro las definiciones más importantes en los procesos de validación de métodos analíticos; acceder a la validación de la demanda química de oxígeno y demanda bioquímica de oxígeno para la determinación del contenido de materia orgánica y biodegradabilidad en aguas residuales de un ingenio azucarero. También, encontrará contribuciones a la evaluación de metales pesados (plomo y cadmio) en agua cruda y potable por espectroscopia de absorción atómica con horno de grafito del acueducto del municipio de Cerrito. Así mismo, la validación del método de análisis para nitratos en agua potable del corregimiento Paso de la bolsa del municipio de Jamundí mediante la técnica de espectroscopia ultravioleta. El libro hace énfasis en la importancia de la medición de los parámetros fisicoquímicos en el proceso de potabilización y control de calidad de agua pozo del Paraíso (Santander de Quilichao) utilizada en una planta de tratamiento de agua y en el seguimiento del crecimiento microbiano en una laguna facultativa de un ingenio azucarero del Valle del Cauca.

2. Record Nr. UNINA9911019180603321

Autore	Vyas Ajay Kumar
Titolo	Metaverse Technologies, Security, and Applications for Healthcare
Pubbl/distr/stampa	Newark : , : John Wiley & Sons, Incorporated, , 2025 ©2025
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Descrizione fisica	1 online resource (411 pages)
Altri autori (Persone)	KaurHarleen SharmaSourabh AlankarBhavya
Disciplina	610.285
Soggetti	Virtual reality in medicine Metaverse
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Nota di contenuto	Cover -- Series Page -- Title Page -- Copyright Page -- Contents -- Preface -- Acknowledgments -- Part I: Metaverse Technology -- Chapter 1 Introduction to Metaverse for Healthcare -- 1.1 Introduction of Metaverse -- 1.2 Metaverse in Healthcare -- 1.3 Potential Uses of Metaverse in Healthcare -- 1.3.1 Telemedicine and Virtual Consultations -- 1.3.2 Medical Education and Training -- 1.3.3 Patient Education and Engagement -- 1.3.4 Mental Health -- 1.3.5 Rehabilitation -- 1.4 Technological Infrastructure -- 1.4.1 Technologies -- 1.4.2 Wearable and Hardware -- 1.5 Benefits and Opportunities -- 1.5.1 Improved Accessibility -- 1.5.2 Enhanced Patient Experience -- 1.5.3 Cost Reduction -- 1.6 Challenges and Risks -- 1.6.1 Hardware -- 1.6.2 Ethical Concerns -- 1.6.3 Privacy and Data Security -- 1.6.4 Identity Hacking -- 1.6.5 Addiction and Mental Health -- 1.6.6 Regulatory and Legal Issues -- 1.6.7 Currency and Digital Payment -- 1.6.8 Technical Challenges -- 1.7 Metaverse's Prospects for the Future in Healthcare -- 1.7.1 Predictions for the Future -- 1.7.2 Potential Technological Advancements -- 1.7.3 Long-Term Implications -- 1.8 Conclusion -- References -- Chapter 2 Metaverse and Virtual Healthcare: Opportunities and Challenges -- 2.1

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Sommario/riassunto

Unlock the transformative potential of the Metaverse with this crucial book that delves into vital information, security concerns, and innovative applications that can significantly enhance personalized patient care in a rapidly evolving digital landscape. This book explores insights into information security concerns, preventive measures, and their impact on healthcare applications in the Metaverse. The Metaverse is an amplified virtual world derived from the conjunction of virtual and physical space, where users can interact in an augmented world to meet each other virtually and engage in virtual activities that give authentic practice. The healthcare industry will tremendously benefit from this technology by using it to enhance personalized care for clients. Public health experts believe that while much has been said about the potential of the Metaverse in the entertainment and gaming industry, healthcare is another industry where its impact could be transformational. This volume provides a better understanding of healthcare applications in the Metaverse and why digital information security is of major concern. Recently, the world saw the impacts of the COVID-19 pandemic, which physically stopped mobility. Life is taken care of using digital interactions and the movement of information digitally through the Metaverse. This book explores implementation issues and performance evaluations of emerging technologies, along with research results and networking methods to demonstrate the immense benefits of this emerging technology. Readers will find this book: Provides comprehensive coverage of the Metaverse, including theoretical modeling of Metaverse architecture and protocols, prospective challenges, and information security; Explores wide applications of the Metaverse and their relevance in healthcare; Introduces solutions to real-life problems and the future prospects of the Metaverse. Audience Researchers, students, educators, and healthcare professionals focused on information communication technologies and their benefits in healthcare.