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Autore	Vyas Ajay Kumar
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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.
