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Nota di contenuto	1 Virtual Reality Mental Health Interventions: AR/VR Solutions for Well-being -- 2 Understanding Virtual Reality (VR) and its Applications in Healthcare -- 3 Immersive Virtual Reality Exposure Therapy: Breakthrough Real-Time scientific investigation for addressing Social Phobia among Management students -- 4 Virtual Reality Therapy for Mental Disorder -- 5 Energy Efficient - Analysis of Virtual Reality and Augmented Reality in Modern Healthcare Systems -- 6 Science Behind Augmented Reality and Virtual Reality in Healthcare -- 7 Virtual Reality-based intelligent Internet of Medical Things health monitoring system: In Future aspects -- 8 Exploring Virtual Reality's Impact on Medical Education in Healthcare: A Comprehensive Overview -- 9 Monitoring and Remote Patient Management with Immersive Technologies -- 10 Current state of AR and VR in healthcare -- 11 Paradise of Virtual Reality (VR) and Augmented Reality (AR) in Mental Health Treatment: Breaking Down Barriers Advancing Supremely Smart

Sommario/riassunto

This book is an essential resource that delves into the transformative potential of augmented reality (AR) and virtual reality (VR) within the healthcare industry. In a world where technology is continually reshaping the way we approach medical treatment, training, and education, this book provides a comprehensive exploration of how AR and VR technologies are becoming integral to the advancement of healthcare. It serves as a bridge between the rapidly evolving field of healthcare and the cutting-edge innovations in AR and VR, addressing the significant impact these technologies have on patient care, medical training, and the ethical considerations surrounding their use. The book has a broad audience, including healthcare professionals, students, and technology enthusiasts. It explores the practical applications of AR and VR in healthcare, highlighting their roles in patient education, pain management, telemedicine, and medical training. Additionally, the book delves into the ethical and regulatory considerations of integrating AR and VR into healthcare, sparking conversations around patient privacy and moral dilemmas. With real-world case studies and emerging technologies, "Augmented Wellness" provides readers with the knowledge to navigate the ever-changing landscape of augmented and virtual reality in healthcare. It is an invaluable resource for anyone seeking to understand, embrace, or innovate within this dynamic intersection of healthcare and technology. It ensures that healthcare transformation through AR and VR is beneficial and ethically responsible. This comprehensive book explores the vast and intricate universe of Virtual and Augmented Reality in healthcare. It delves into the multitude of ways in which these technologies are being harnessed to diagnose, treat, educate, and support patients. The aim is to provide an in-depth understanding of the present state and exciting potential future of VR and AR in the healthcare ecosystem. We have created a resource accessible to a broad audience, from healthcare professionals and technology enthusiasts to policymakers and students. The book offers a balanced blend of real-world case studies, expert insights, technical details, and practical applications, covering a wide range of topics, from using VR for pain management and physical therapy to AR's role in assisting surgeons during complex procedures.

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