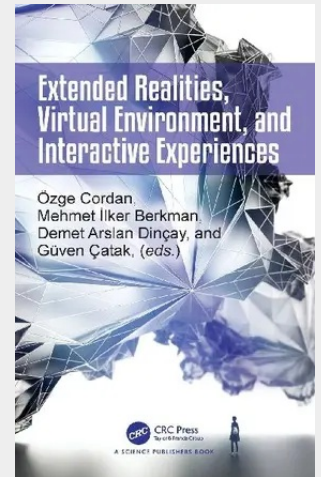


Extended Realities, Virtual Environment, and Interactive Experiences

Technologies, applications and practices for virtual environments create interactive and immersive experiences and blend the transitions and permeabilities between the virtual and physical world. In a world rapidly embracing technological innovation, the book serves as an illuminating guide to the dynamic and multifaceted landscapes of Extended Reality (XR). It explores a wide array of topics at the intersection of virtual and physical realms, offering readers an in-depth understanding of the transformative potential of XR, from education and training to entertainment and beyond. The book explores the intricacies of augmented reality (AR), virtual reality (VR), mixed reality (MR), assisted reality (AsR), and the ever-expanding metaverse through real-world applications. The aim of the book is to discuss issues, applications, and practices of computer sciences, design, education, tourism, neuroscience, cultural heritage, and game studies in the scope of virtual environment, interactive experiences and extended realities through presenting case studies from disciplinary and interdisciplinary fields. Each study focuses on users' perceptions and attitudes regarding their interactions with XR applications and introduces methods and key issues with an anchor to the primary discipline of the study. This helps to increase collaboration, convergence, and communication between different fields. Whether you are a seasoned professional, a curious enthusiast, or an academic seeking insights into the future of human-computer interaction, "Extended Realities, Virtual Environment, and Interactive Experiences" is your guide to the captivating realm where digital and physical realities converge.



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