1. Record Nr. UNINA9910865262903321

Autore	Chen Jessie Y. C
Titolo	Virtual, Augmented and Mixed Reality : 16th International Conference, VAMR 2024, Held as Part of the 26th HCI International Conference, HCII 2024, Washington, DC, USA, June 29 – July 4, 2024, Proceedings, Part II / / edited by Jessie Y. C. Chen, Gino Fragomeni
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	9783031610448 9783031610431
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (332 pages)
Collana	Lecture Notes in Computer Science, , 1611-3349 ; ; 14707
Altri autori (Persone)	FragomeniGino
Disciplina	005.437 004.019
Soggetti	User interfaces (Computer systems) Human-computer interaction Computer engineering Computer networks Application software Artificial intelligence Computer vision User Interfaces and Human Computer Interaction Computer Engineering and Networks Computer and Information Systems Applications Artificial Intelligence Computer Communication Networks Computer Vision
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Part 1: Immersive Collaboration and Environment Design: Navigating Real-to-Virtual Onboarding: A Holistic Exploration and Framework for Immersive Transitions -- Research on the Benefits of Biophilia Effects in Virtual Environments -- LimberUI: A Model-Based Design Tool for 3D UI Layouts Accommodating Uncertainty in Context of Use and User Attributes -- XR Smart Environments Design and Fruition: Personalizing

Shared Spaces -- Exploring VR Wizardry: A Generic Control Tool for Wizard of Oz Experiments -- The Impact of Different Levels of Spatial Cues on Size Perception: A Spatial Perception Study of Altered Conditions -- Modeling and Simulation Technologies for Effective Multi-Agent Research -- Optimizing XR User Experiences through Network-Based Asset Bundles -- Enhancing Remote Collaboration Through Drone-Driven Agent and Mixed Reality -- Identifying Influencing Factors of Immersion in Remote Collaboration. Part 2: Sensory, Tangible and Embodied Interaction in VAMR: Study of Perception and Cognition in Immersive Digital Twins for Robotic Assembly Processes -- A Literature Review and Proposal Towards the Further Integration of Haptics in Aviation -- Investigation of the Impression Given by the Appearance and Gestures of a Virtual Reality Agent Describing a Display Product -- Assessing the Influence of Passive Haptics on User Perception of Physical Properties in Virtual Reality -- Collecting and Analyzing the Mid-Air Gestures Data in Augmented Reality and User Preferences in Closed Elicitation Study -- Research on the Multisensory Feedback Representation of the Menu Cards in VR Home Interface -- Augmented Reality Compensatory Aid for Improved Weapon Splash-Zone Awareness -- Augmented Virtuality – A Simplified, Scalable, and Modular Open-Source Unity Development System for Tangible VR with the Meta Quest 2 -- An Analysis of the Sense of Presence and Cybersickness in Virtual Reality: The Influence of Content Type, Exposure Time, and Gender -- Proof-of-concept MARG-based Glove for Intuitive 3D Human-Computer Interaction -- An Effective Design on Locomotion and View Management for An Immersive Analytics Platform in Everyday Use.

Sommario/riassunto

This three-volume set LNCS 14706-14708 constitutes the refereed proceedings of the 16th International Conference on Virtual, Augmented and Mixed Reality, VAMR 2024, held as part of the 26th International Conference, HCI International 2024, in Washington, DC, USA, during June 29 – July 4, 2024. The total of 1271 papers and 309 posters included in the HCII 2024 proceedings was carefully reviewed and selected from 5108 submissions. The VAMR 2024 proceedings were organized in the following topical sections: Part I: : Perception, Interaction and Design; User Experience and Evaluation. Part II: Immersive Collaboration and Environment Design; Sensory, Tangible and Embodied Interaction in VAMR. Part III: Immersive Education and Learning; VAMR Applications and Development.

2. Record Nr. UNINA9910300426003321

Autore	Huebener Rudolf P
Titolo	Conductors, Semiconductors, Superconductors : An Introduction to Solid State Physics / / by Rudolf P. Huebener
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-09141-7
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (XIII, 215 p. 110 illus., 22 illus. in color.)
Collana	Undergraduate Lecture Notes in Physics, , 2192-4791
Disciplina	530.41
Soggetti	Semiconductors Optical materials Electronics - Materials Microwaves Optical engineering Solid state physics Superconductivity Superconductors Optical and Electronic Materials Microwaves, RF and Optical Engineering Solid State Physics Strongly Correlated Systems, Superconductivity
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Spectacular Advances -- Well-Ordered Lattice Structures in Crystals -- Permanent Movement in the Crystal Lattice -- Electric Conductor or Insulator? – Energy Bands -- Metals Obey the Rules of Quantum Statistics -- Less Can Be More: Semiconductors -- Circling Electrons in High Magnetic Fields -- The Winner: Superconductors -- The Big Surprise: High-Temperature Superconductivity -- Magnetism: Order Among the Elementary Magnets -- Nanostructures: Superlattices, Quantum Wires, and Quantum Dots -- Defects in the Crystal Lattice: Useful or Harmful?.
Sommario/riassunto	In the second half of the last century solid state physics and materials

science experienced a great advance and established itself as an important and independent new field. This book provides an introduction to the fundamentals of solid state physics, including a description of the key people in the field and the historic context. The book concentrates on the electric and magnetic properties of materials. It is written for students up to the bachelor in the fields of physics, materials science, and electric engineering. Because of its vivid explanations and its didactic approach, it can also serve as a motivating pre-stage and supporting companion in the study of the established and more detailed textbooks of solid state physics. The book is suitable for a quick repetition prior to examinations. For his scientific accomplishments, in 1992 the author received the Max-Planck Research Price and in 2001 the Cryogenics Price. He studied physics and mathematics at the University of Marburg, as well at the Technical Universities of Munich and Darmstadt. In 1958 he obtained his PhD in experimental physics at the University of Marburg. After working at the Research Center Karlsruhe and at a research institute near Albany, New York, he worked for 12 years at the Argonne National Laboratory near Chicago, Illinois. In 1974 he accepted an appointment at a chair of Experimental Physics at the University of Tübingen. There he taught and performed research until his retirement in 1999.