1. Record Nr. UNINA9910824951703321

Autore	Charles Victoria
Titolo	1000 Acuarelas de los Grandes Maestros / / Victoria Charles
Pubbl/distr/stampa	New York : , : Parkstone International, , [2018] ©[2018]
ISBN	1-68325-452-X
Descrizione fisica	1 online resource (544 pages) : illustrations (some color), tables
Disciplina	370.1
Soggetti	Education - Philosophy Teachers
Lingua di pubblicazione	Spagnolo
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.

2. Record Nr. UNINA9910806191703321

Autore	Papakostas Christos
Titolo	Special Topics in Artificial Intelligence and Augmented Reality : The Case of Spatial Intelligence Enhancement / / by Christos Papakostas, Christos Troussas, Cleo Sgouropoulou
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	9783031520051 303152005X
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (183 pages)
Collana	Cognitive Technologies, , 2197-6635
Disciplina	006.3
Soggetti	Virtual reality Augmented reality Artificial intelligence User interfaces (Computer systems) Human-computer interaction Multiagent systems Expert systems (Computer science) Virtual and Augmented Reality Artificial Intelligence User Interfaces and Human Computer Interaction Intelligence Augmentation Multiagent Systems Knowledge Based Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Foreword -- Preface -- 1. Introduction and Overview of AI-enhanced Augmented Reality in Education -- 2. Review of the Literature on AI-enhanced Augmented Reality in Education -- 3. AI-driven and SOLO-based Domain Knowledge Modeling in PARSAT AR Software -- 4. Fuzzy Logic for modeling the Knowledge of Users in PARSAT AR Software -- 5. Artificial Intelligence-enhanced PARSAT AR Software: Architecture and Implementation -- 6. Multi-Model Evaluation of the Artificial Intelligence-Enhanced PARSAT AR Software -- 7. Conclusions of AI-

driven AR in Education.

Sommario/riassunto

This monograph explores the synergy of Artificial Intelligence (AI), Augmented Reality (AR) and cognitive processes to enhance spatial abilities — an integral aspect of cognitive development. The ability to comprehend and manipulate spatial information is not only fundamental to our understanding of the physical world but also plays a pivotal role in numerous academic and professional fields. Recognizing the profound impact of spatial ability on scientific disciplines and educational achievement, this monograph takes on the challenge of enhancing spatial skills among users. The authors present the design and development of a mobile training system that incorporates AR features to enhance learners' spatial ability. Involving mental generation, transformation, and rotation of visual images for understanding spatial relationships, spatial ability is closely linked to success in various scientific disciplines and educational pursuits. While spatial visualization skillstests are available, this monograph takes a unique approach by focusing on developing targeted interventions to improve spatial ability. It aims to unlock new avenues for cognitive growth and dive into the untapped potential within the realm of spatial intelligence. Beyond its emphasis on spatial ability enhancement, this monograph goes above and beyond traditional approaches by integrating AI techniques into the training system. As such, it aims to provide personalized and adaptive learning experiences for learners. The training system, through intelligent techniques, dynamically analyzes individual learners' strengths, weaknesses, and progress, tailoring content and challenges to their specific needs. This effort establishes a new frontier in educational technology, offering a groundbreaking solution that not only augments spatial ability development but also showcases the transformative potential of AI in reshaping the learning experience. The book is a valuable resource for researchers, educators, developers and technology enthusiasts, as it exemplifies the profound impact of AI and AR in shaping the future of online learning experiences.