1. Record Nr.   UNINA9910824630503321

Titolo   Augmented reality in educational settings / / edited by Theodosia Prodromou

Pubbl/distr/stampa   Leiden Boston : , : Brill | Sense, , 2020

ISBN   90-04-40884-3

Descrizione fisica   1 online resource (475 pages)

Disciplina   371.33468

Soggetti   Augmented reality
Computer-assisted instruction
Virtual reality in education

Lingua di pubblicazione   Inglese

Formato   Materiale a stampa

Livello bibliografico   Monografia

Nota di bibliografia   Includes bibliographical references and index.

Nota di contenuto   Uses of augmented reality in pre-primary education / Eva Severini, Blanka Kozik Lehotayova and Eva Csandova -- Uses of augmented reality for development of natural literacy in pre-primary education / Katerina Jancarikovaand Eva Severini -- Empowering teachers to augment students' reading experience : the Living Book Project approach / Maria Meletiou-Mavrotheris, Constadina Charalambous, Katerina Mavrou, Christos Dimopoulos, Yiota Anastasi, Ilona-Elefteryja Lasica, Nayia Stylianidou and Christina Vasou -- Uses of augmented reality in primary education / Lilla Korenova, Eva Csandova and Renata Tothova -- Augmented reality applications in early childhood education / Lilla Korenova, Zsolt Lavicza and Ibolya Veress-Bagyi -- Mathematics learning and augmented reality in a virtual school / Gilles Aldon and Corinne Raffin -- Engaging students in covariational reasoning within an augmented reality environment / Osama Swidan, Florian Schacht, Cristina Sabena, Michael Fried, Jihad El-Sana and Ferdinando Arzarello -- Uses of augmented reality in biology education / Maria Fuchsova, Miriam Adamkova and Miroslava Pirhacova Lapsanska -- Uses of augmented reality in tertiary education / Martina Siposova and Tomas Hlava -- An augmented reality based intelligent diagnosis platform for medical training / Utku Kose and Omer Deperlioglu -- Augmented reality and future mathematics teachers / Martina Babinska, Monika Dillingerova and Lilla Korenova -- Enlivened laboratories within STEM

education (EL-STEM) : a case study of augmented reality in secondary education / Lasica Ilona-Elefteryja, Meletiou-Mavrotheris Maria, Mavrotheris Efstathios, Pitsikalis Stavros, Katzis Konstantinos, Dimopoulos Christos and Tiniakos Christos -- Augmented playgrounds : questioning simulations to question intuitions / Chronis Kynigos, Zacharoula Smyrnaiou and Marianthi Grizioti -- Augmented reality in mathematics education : the case of GeoGebra AR / Melanie Tomaschko and Markus Hohenwarter -- Automatically augmented reality with GeoGebra / F. Botana, Z. Kovacs, A. Martinez-Sevilla and T. Recio -- Augmented reality in museums and cultural heritage settings / Georgios Papaioannou -- Applications of augmented reality apps in teaching technical skills courses / Lilla Korenova, Maria Kozuchova, Zsolt Lavicza and Jiri Dostal -- Devices for virtual and augmented reality / Robert Bohdal.

| Sommario/riassunto | "New digital technologies offer many exciting opportunities to educators who are looking to develop better teaching practices. When technologies are new, however, the potential for beneficial and effective implementations and applications is not yet fully recognized. This book is intended to provide teachers and researchers with a wide range of ideas from researchers working to integrate the new technology of Augmented Reality into educational settings and processes. It is hoped that the research and theory presented here can support both teachers and researchers in future work with this exciting new technology.". |