1. Record Nr. UNINA9910793846503321

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.".

2. Record Nr. UNINA9910879593403321

Autore	Amster Pablo
Titolo	Topological Methods for Delay and Ordinary Differential Equations : With Applications to Continuum Mechanics / / edited by Pablo Amster, Pierluigi Benevieri
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Birkhäuser, , 2024
ISBN	3-031-61337-6
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (220 pages)
Collana	Advances in Continuum Mechanics, , 2524-4647 ; ; 51
Altri autori (Persone)	BenevieriPierluigi
Disciplina	515.35
Soggetti	Differential equations Continuum mechanics Differential Equations Continuum Mechanics Mecànica dels medis continus Equacions diferencials Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Periodic solutions of Hamiltonian systems with symmetries -- Prescribed energy periodic solutions of Kepler problems with relativistic corrections -- A survey on some existence results for the relativistic pendulum equation -- Recent advances on periodic motions in parallel-plate electrostatic actuators -- Analysis of a mathematical model of competition in a chain of periodic chemostats in series -- Nontrivial solutions of a parameter-dependent Nontrivial solutions of a parameter-dependent -- Branches of forced oscillations for a class of implicit equations involving the -Laplacian -- Atypical bifurcation for a class of delay differential equations -- New elements for a theory of chaos topology.
Sommario/riassunto	This volume explores the application of topological techniques in the study of delay and ordinary differential equations with a particular focus on continuum mechanics. Chapters, written by internationally recognized researchers in the field, present results on problems of

existence, multiplicity localization, bifurcation of solutions, and more. Topological methods are used throughout, including degree theory, fixed point index theory, and classical and recent fixed point theorems. A wide variety of applications to continuum mechanics are provided as well, such as chemostats, non-Newtonian fluid flow, and flows in phase space. Topological Methods for Delay and Ordinary Differential Equations will be a valuable resource for researchers interested in differential equations, functional analysis, topology, and the applied sciences.