

1. Record Nr.	UNINA9910794560503321
Autore	Kokkos Alexis
Titolo	Exploring art for perspective transformation / / Alexis Kokkos
Pubbl/distr/stampa	Leiden, Netherlands ; ; Boston, Massachusetts : , : Brill Sense, , [2021] ©2021
ISBN	90-04-45534-5
Descrizione fisica	1 online resource (255 pages)
Collana	International Issues in Adult Education
Disciplina	370.115
Soggetti	Arts in education Critical pedagogy Transformative learning Learning - Philosophy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	The distinctive nature of Learning for Change -- Cognitive theory of art -- Aristotle's poetics -- The views of John Dewey and Maxine Greene -- The perspective of Frankfurt School -- The legacy of Freire and Gramsci -- Alternative approaches -- The theoretical foundations and principles of the method -- The stages of TLAE method -- Examples of implementation -- Inferences drawn from application -- Concluding reflections.
Sommario/riassunto	"We live in a socio-cultural reality which is dominated by an entrepreneurial and instrumental rationality, as well as by a discriminative and populist mentality. Questioning the validity of taken-for-granted sovereign perspectives is thus of vital importance. Our contact with art can serve as a pathway through which we might be empowered to identify false life values and develop the disposition and ability to challenge them. The learning potential of aesthetic experience is, however, barely exploited within educational systems. In addition, although major scholars have contributed to a deeper understanding of the liberating dimension of processing important artworks, there has been surprisingly little discussion in the relevant literature focusing on educational practice. Exploring Art for Perspective Transformation provides a comprehensive analysis and synthesis of theoretical views

pertaining to the emancipatory process of exploring art. Moreover, it presents the educational method Transformative Learning through Aesthetic Experience (TLAE), with reference to particular examples of implementation. TLAE is addressed to adult educators and school teachers regardless of the subject they teach and their theoretical background on aesthetics. It involves engaging learners in exploring works from fine arts, literature, theatre, cinema and music with a view to promoting critical reflection on one's potentially problematic perspectives"--

2. Record Nr.	UNINA9910279754603321
Autore	Trangenstein J. A (John Arthur), <1949->
Titolo	Scientific Computing : Vol. III - Approximation and Integration // by John A. Trangenstein
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-69110-4
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XXV, 592 p. 42 illus., 40 illus. in color.)
Collana	Texts in Computational Science and Engineering, , 1611-0994 ; ; 20
Disciplina	511.4
Soggetti	Computer science - Mathematics Differential equations Mathematical optimization Computational Mathematics and Numerical Analysis Ordinary Differential Equations Optimization
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	1. Interpolation and Approximation -- Differentiation and Integration -- Initial Value Problems -- Boundary Value Problems -- References -- Author Index.
Sommario/riassunto	This is the third of three volumes providing a comprehensive presentation of the fundamentals of scientific computing. This volume discusses topics that depend more on calculus than linear algebra, in

order to prepare the reader for solving differential equations. This book and its companions show how to determine the quality of computational results, and how to measure the relative efficiency of competing methods. Readers learn how to determine the maximum attainable accuracy of algorithms, and how to select the best method for computing problems. This book also discusses programming in several languages, including C++, Fortran and MATLAB. There are 90 examples, 200 exercises, 36 algorithms, 40 interactive JavaScript programs, 91 references to software programs and 1 case study. Topics are introduced with goals, literature references and links to public software. There are descriptions of the current algorithms in GSLIB and MATLAB. This book could be used for a second course in numerical methods, for either upper level undergraduates or first year graduate students. Parts of the text could be used for specialized courses, such as nonlinear optimization or iterative linear algebra.

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