1. Record Nr. UNINA9910701480803321

Autore	Rossetti Barbara
Titolo	Optical scanning technology for purposes other than ballot counting [[electronic resource] /] / author Barbara Rossetti ; managed and edited by William C. Kimberling
Pubbl/distr/stampa	Washington, D.C. : , : National Clearinghouse on Election Administration, Federal Election Commission, , [1992]
Descrizione fisica	1 online resource (ii, 19 pages) : illustrations
Collana	Innovations in election administration ; ; 2
Altri autori (Persone)	KimberlingWilliam C
Soggetti	Optical character recognition Scanning systems Image processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from PDF title screen (viewed Feb. 6, 2012). "August 1992."

2. Record Nr. UNINA9910299238403321

Titolo	Patterns of Intuition : Musical Creativity in the Light of Algorithmic Composition / / edited by Gerhard Nierhaus
Pubbl/distr/stampa	Dordrecht : , : Springer Netherlands : , : Imprint : Springer, , 2015
ISBN	94-017-9561-4
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (416 p.)
Disciplina	004 006.3 519 620
Soggetti	Artificial intelligence Physics System theory Music Computational complexity Artificial Intelligence Applications of Graph Theory and Complex Networks Complex Systems Complexity
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Outline of the compositional structure(s) to be investigated -- The algorithms/procedures used -- Findings -- Improvisation in Trees -- Electronic Music for an Acoustic Piano -- Forbidden Melodies -- The Semantics of a String Quartet -- Comments from renowned scientists from related research areas of Algorithmic Composition, Musicology, Artistic Research, Creativity.
Sommario/riassunto	The present book is the result of a three year research project which investigated the creative act of composing by means of algorithmic composition. Central to the investigation are the compositional strategies of 12 composers, which were documented through a dialogic and cyclic process of modelling and evaluating musical materials. The

aesthetic premises and compositional approaches configure a rich spectrum of diverse positions, which is reflected also in the kinds of approaches and methods used. These approaches and methods include the generation and evaluation of chord sequences using genetic algorithms, the application of morphing strategies to research harmonic transformations, an automatic classification of personal preferences via machine learning, and an application of mathematical music theory to the analysis and resynthesis of musical material. The second part of the book features contributions by Sandeep Bhagwati, William Brooks, David Cope, Darla Crispin, Nicolas Donin, and Guerino Mazzola. These authors variously consider the project from different perspectives, offer independent approaches, or provide more general reflections from their respective research fields.