1. Record Nr.   UNISA996466274903316

   Titolo   Computational Intelligence in Music, Sound, Art and Design [[electronic resource]] : 8th International Conference, EvoMUSART 2019, Held as Part of EvoStar 2019, Leipzig, Germany, April 24–26, 2019, Proceedings / / edited by Anikó Ekárt, Antonios Liapis, María Luz Castro Pena

   Pubbl/distr/stampa Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019

   ISBN   3-030-16667-8

   Edizione   [1st ed. 2019.]

   Descrizione fisica 1 online resource (X, 249 p. 113 illus., 78 illus. in color.)

   Collana   Theoretical Computer Science and General Issues, , 2512-2029 ; ; 11453

   Disciplina   005.11

   Soggetti   Algorithms
                       Artificial intelligence
                       Data mining
                       Computer arithmetic and logic units
                       Artificial Intelligence
                       Data Mining and Knowledge Discovery
                       Arithmetic and Logic Structures

   Lingua di pubblicazione   Inglese

   Formato   Materiale a stampa

   Livello bibliografico   Monografia

   Nota di contenuto   Deep Learning Concepts for Evolutionary Art -- Adversarial Evolution and Deep Learning – How Does An Artist Play with Our Visual System -- Autonomy, Authenticity, Authorship and Intention in Computer Generated Art -- Camera Obscurer: Generative Art for Design Inspiration -- Swarm-Based Identification of Animation Key Points from 2D-medialness Maps -- Paintings, Polygons and Plant Propagation -- Evolutionary Games for Audiovisual Works: Exploring the Demographic Prisoner's Dilemma -- Emojinating: Evolving Emoji Blends -- Automatically Generating Engaging Presentation Slide Decks -- Tired of choosing? Just Add Structure and Virtual Reality -- EvoChef: Show Me What to Cook! Artificial Evolution of Culinary Arts -- Comparing Models for Harmony Prediction in An Interactive Audio Looper -- Stochastic Synthesizer Patch Exploration in Edisyn -- Evolutionary Multi-Objective

Training Set Selection of Data Instances and Augmentations for Vocal Detection -- Automatic Jazz Melody Composition Through a Learning-Based Genetic Algorithm -- Exploring Transfer Functions in Evolved CTRNNs for Music Generation. .

Sommario/riassunto	This book constitutes the refereed proceedings of the 8th International Conference on Evolutionary Computation in Combinatorial Optimization, EvoMUSART 2019, held in Leipzig, Germany, in April 2019, co-located with the Evo*2019 events EuroGP, EvoCOP and EvoApplications. The 16 revised full papers presented were carefully reviewed and selected from 24 submissions. The papers cover a wide range of topics and application areas, including: visual art and music generation, analysis, and interpretation; sound synthesis; architecture; video; poetry; design; and other creative tasks.