1. Record Nr. UNINA9910678258803321

Autore	David Hanna
Titolo	Gifted Children and Adolescents Through the Lens of Neuropsychology / / by Hanna David, Eva Gyarmathy
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
ISBN	9783031227950 3031227956
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (147 pages)
Collana	SpringerBriefs in Education, , 2211-193X
Disciplina	016.37195 371.95
Soggetti	Special education Educational psychology Neuropsychology Psychiatry Special and Gifted Education Educational Psychology Infants superdotats Educació Psicologia Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Foreword -- 1. Supporting and encouraging the versatile gifted child or adolescent; David -- 2. "Keeping the light on" – rather than turning it off for gifted children with overexcitabilities"; David -- 3. Treating the profoundly gifted; Gyarmathy -- 4. Neurodiversity and supporting autistic-gifted child and adolescent; Gyarmathy -- 5. Understanding gifted children with executive dysfunction and helping them; Gyarmathy -- 6. Counselling, treating, and helping gifted children with specific learning difficulties; Gyarmathy -- 7. Teaching and instructing the bi- or tree-lingual gifted student; David -- 8. Understanding and supporting the homosexual and trans-sexual gifted adolescent; David.

Sommario/riassunto	This book addresses a wide range of issues situated in the core of theoreticians' and clinicians' work in the field of giftedness. It gathers practical issues, relevant for the lives of many gifted children, adolescents and adults, from a neuropsychological point of view. By studying the basic questions in gifted education through a neuropsychological lens, this book aims to establish a uniform new way for the treatment of gifted children with social or emotional difficulties, learning disabilities, physical limitations, or psychological and psychiatric disorders. This book helps educators and mental-health professionals to obtain a deeper understanding of the neurological system and its role in learning. This includes memory, knowledge-processing, making connections, and the implications on the cognitive, emotional, and physical aspects – all of which play major roles in the life of each gifted child and adolescent. By acquiring this new knowledge, more teachers, counsellors, psychologists and psychiatrists will be able to help individuals materialize their giftedness, while preserving their mental health and productivity. .

2.

Record Nr.	UNINA9910482965803321
Titolo	Artificial Neural Networks in Pattern Recognition : 6th IAPR TC 3 International Workshop, ANNPR 2014, Montreal, QC, Canada, October 6-8, 2014, Proceedings / / edited by Neamat El Gayar, Friedhelm Schwenker, Cheng Suen
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2014
ISBN	3-319-11656-8
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (XII, 289 p. 82 illus.)
Collana	Lecture Notes in Artificial Intelligence, , 2945-9141 ; ; 8774
Disciplina	006.32
Soggetti	Artificial intelligence Pattern recognition systems Data mining Computer vision User interfaces (Computer systems) Human-computer interaction Computer science Artificial Intelligence Automated Pattern Recognition Data Mining and Knowledge Discovery Computer Vision User Interfaces and Human Computer Interaction

	Theory of Computation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	A Decorrelation Approach for Pruning of Multilayer Perceptron Networks -- Entity Recognition -- Incremental Feature Selection by Block Addition and Block Deletion Using Least Squares SVRs -- Low-dimensional Data Representation in Data Analysis -- Analyzing dynamic ensemble selection techniques using dissimilarity Analysis -- Hidden Markov Models Based on Generalized Dirichlet Mixtures for Proportional Data Modeling -- Majority-Class aware Support Vector Domain Oversampling for Imbalanced Classification Problems -- Forward and Backward Forecasting Ensembles for the Estimation of Time Series Missing Data -- Dynamic Weighted Fusion of Adaptive Classifier Ensembles Based on Changing Data Streams: Combining Bipartite Graph Matching and Beam Search for Graph Edit Distance Approximation -- Computing Upper and Lower Bounds of Graph Edit Distance in Cubic Time -- Linear contrast classifiers in high-dimensional spaces -- A new multi-class fuzzy support vector machine algorithm -- A reinforcement learningalgorithm to train a Tetris playing agent -- Bio-inspired optic ow from event-based neuromorphic sensor input -- Comparative Study of Feature Selection for White Blood Cell End-Shape Recognition for Arabic Handwritten Text Segmentation -- Intelligent Ensemble Systems for Modeling NASDAQ Microstructure: A Comparative Study -- Face Recognition based on Discriminative Dictionary with Multilevel Feature Fusion -- Ensembles in Ubiquitous Healthcare Systems.
Sommario/riassunto	This book constitutes the refereed proceedings of the 6th IAPR TC3 International Workshop on Artificial Neural Networks in Pattern Recognition, ANNPR 2014, held in Montreal, QC, Canada, in October 2014. The 24 revised full papers presented were carefully reviewed and selected from 37 submissions for inclusion in this volume. They cover a large range of topics in the field of learning algorithms and architectures and discussing the latest research, results, and ideas in these areas.