1. Record Nr. UNINA9910160331803321

Autore	Kitchin Dennis
Titolo	War in aquariuis : memoir of an American infantryman in the Vietnam war / / Dennis Kitchin
Pubbl/distr/stampa	Jefferson, North Carolina ; ; London, [England] : , : McFarland & Company, Inc., Publishers, , 1994 ©1994
ISBN	0-7864-8759-3
Descrizione fisica	1 online resource (204 pages)
Disciplina	959.70438
Soggetti	Vietnam War, 1961-1975
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910317737703321

Autore	Reza Fazel-Rezai
Titolo	Brain-computer interface system : recent progress and future prospects
Pubbl/distr/stampa	IntechOpen, 2013 [Place of publication not identified] : , : IntechOpen, , 2013 ©2013
ISBN	953-51-4247-X
Edizione	[1st ed.]
Descrizione fisica	1 online resource (284 pages)
Disciplina	612.80285
Soggetti	COMPUTERS / Human-Computer Interaction (HCI)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Brain-Computer Interface (BCI) systems allow communication based on a direct electronic interface which conveys messages and commands directly from the human brain to a computer. In the recent years, attention to this new area of research and the number of publications discussing different paradigms, methods, signal processing algorithms, and applications have been increased dramatically. The objective of this book is to discuss recent progress and future prospects of BCI systems. The topics discussed in this book are: important issues concerning end-users; approaches to interconnect a BCI system with one or more applications; several advanced signal processing methods (i.e., adaptive network fuzzy inference systems, Bayesian sequential learning, fractal features and neural networks, autoregressive models of wavelet bases, hidden Markov models, equivalent current dipole source localization, and independent component analysis); review of hybrid and wireless techniques used in BCI systems; and applications of BCI systems in epilepsy treatment and emotion detections.

3. Record Nr. UNINA9910878986503321

Autore	Zhou Xinlin
Titolo	Brain and Mathematical Cognition : Evidence from China / / by Xinlin Zhou
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
ISBN	9789819737635 9789819737628
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (189 pages)
Disciplina	612.8
Soggetti	Neurosciences Cognitive psychology Psycholinguistics Neuroscience Cognitive Psychology Psycholinguistics and Cognitive Lingusitics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. Numerosity Sense and Mathematical Achievement -- Chapter 2. Spatial Representation for Symbolic Numbers and Numerosity -- Chapter 3. Experience Shapes the Arithmetic Brain -- Chapter 4. Cognitive Correlate for Mathematical Problem Solving: Spatial or Logic? -- Chapter 5. Developmental Spatial Model in One-Step Math Word Problem Solving -- Chapter 6. The Semantic Network Supports Mathematical Processing -- Chapter 7. Three-Component Mathematics Education -- Chapter 8. Gender Difference in Mathematics -- Chapter 9. Preschoolers' Mathematics -- Chapter 10. Form Perception Deficit in Chinese Children with Developmental Dyscalculia -- Chapter 11. Abacus in Mathematics Education -- Chapter 12. Mathematics Anxiety.
Sommario/riassunto	This book intends to present a series of insights coming from in-depth investigation of brain and mathematical cognition in Chinese population. Specifically, the book introduces research on the associations among number sense, visual form perception and mathematical fluency; symbolic and non-symbolic mental number line;

and the role of spatial modeling and logical inference in mathematical problem solving. The book summarizes author's previous studies on the involvement of semantic network other than visuospatial network in mathematical cognition. The three-component mathematical model that comes out of more than 10 years of research on mathematical cognition is introduced. The book presents the effect of learning experience on arithmetic-related brain system. Chinese abacus that can be used to eradicate developmental dyscalculia in classroom is briefly discussed. Special attention in this book is paid to mathematical anxiety and mathematical learning disorders in Chinese schoolchildren. Finally, gender differences in mathematical cognition are also reviewed.