

## Fp2 Original Paper June 2013

**Forecasting is required in many situations. Stocking an inventory may require forecasts of demand months in advance. Telecommunication routing requires traffic forecasts a few minutes ahead. Whatever the circumstances or time horizons involved, forecasting is an important aid in effective and efficient planning. This textbook provides a comprehensive introduction to forecasting methods and presents enough information about each method for readers to use them sensibly.**

**Soils are affected by human activities, such as industrial, municipal and agriculture, that often result in soil degradation and loss. In order to prevent soil degradation and to rehabilitate the potentials of degraded soils, reliable soil data are the most important prerequisites for the design of appropriate land-use systems and soil management practices as well as for a better understanding of the environment. The availability of reliable information on soil morphology and other characteristics obtained through examination and description of the soil in the field is essential, and the use of a common language is of prime importance. These guidelines, based on the latest internationally accepted systems and classifications, provide a complete procedure for soil description and for collecting field data. To help beginners, some explanatory notes are included as well as keys based on simple test and observations.--Publisher's description.**

**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.**

**A Cyber-Physical Systems Approach**

**Neuromodulatory Interventions for Pain**

**Brain Health and Clinical Neuroscience Editor's Pick 2021**

**Ocean Biogeochemistry**

**EEG Signal Processing**

**Brain Oscillations and Predictive Coding: What We Know and What We Should Learn**

**Distributed and Cloud Computing: From Parallel Processing to the Internet of Things** offers complete coverage of modern distributed computing technology including clusters, the grid, service-oriented architecture, massively parallel processors, peer-to-peer networking, and cloud computing. It is the first modern, up-to-date distributed systems textbook; it explains how to create high-performance, scalable, reliable systems, exposing the design principles, architecture, and innovative applications of parallel, distributed, and cloud computing systems. Topics covered by this book include: facilitating management, debugging, migration, and disaster recovery through virtualization; clustered systems for research or ecommerce applications; designing systems as web services; and social networking systems using peer-to-peer computing. The principles of cloud computing are discussed using examples from open-source and commercial applications, along with case studies from the leading distributed computing vendors such as Amazon, Microsoft, and Google. Each chapter includes exercises and further reading, with lecture slides and more available online. This book will be ideal for students taking a distributed systems or distributed computing class, as well as for professional system designers and engineers looking for a reference to the latest distributed technologies including cloud, P2P and grid computing. Complete coverage of modern distributed computing technology including clusters, the grid, service-oriented architecture, massively parallel processors, peer-to-peer networking, and cloud computing Includes case studies from the leading distributed computing vendors: Amazon, Microsoft, Google, and more Explains how to use virtualization to facilitate management, debugging, migration, and disaster recovery Designed for undergraduate or graduate students taking a distributed systems course—each chapter includes exercises and further reading, with lecture slides and more available online

The recording and analysis of electrical brain activity associated with eye movements has a history of several decades. While the early attempts were primarily focused on uncovering the brain mechanisms of eye movements, more recent approaches use eye movements as markers of the ongoing brain activity to investigate perceptual and cognitive processes. This recent approach of segmenting brain activity based on eye movement behavior has several important advantages. First, the eye movement system is closely related to cognitive functions such as perception, attention and memory. This is not surprising since eye movements provide the easiest and the most accurate way to extract information from our visual environment and the eye movement system largely determines what information is selected for further processing. The eye movement-based segmentation offers a great way to study brain activity in relation to these processes. Second, on the methodological level, eye movements constitute a natural marker to segment the ongoing brain activity. This overcomes the problem of introducing artificial markers such as ones for stimulus presentation or response execution that are typical for a lab-based research. This opens possibilities to study brain activity during self-paced perceptual and cognitive behavior under naturalistic conditions such as free exploration of scenes. Third, by relating eye movement behavior to the ongoing brain activity it is possible to see how perceptual and cognitive processes unfold in time, being able to predict how brain activity eventually leads to behavior. This research

topic illustrates advantages of the combined recording and analysis of eye movements and neural signals such as EEG, local field potentials and fMRI for investigation of the brain processes in humans and animals. The contributions include research papers, methodology papers and reviews demonstrating conceptual and methodological achievements in this rapidly developing field.

General anesthesia is a standard medical procedure in today's hospital practice. Although in most cases the administration of anesthetics does not affect severely the patients health, side effects of anesthesia are well-known, such as nausea or cognitive impairment. Moreover 1-2 out of 1000 patients under surgery report a partial wake up from anesthesia during the operation. The reason for such a partial lack of control of depth of anesthesia is that medical procedures are highly optimized based on experience but the neural dynamics during general anesthesia is far from being understood. One reason for this lack of understanding is both the complex neural interactions of neurons on different spatial and temporal scales and the poorly understood action of anesthetics on neural populations. For instance, anesthetic agents act on synaptic receptors on a microscopic scale essentially evoking a macroscopic change of population activity, such as Local Field Potentials, EEG/MEG or resulting change of cerebral blood flow. This population effect then triggers the loss of consciousness in patients. This Research Topic aims to address recent theoretical and experimental advances in the field. The theoretical and experimental studies represent a good overview over the current state of research in the field and provides a deeper insight into the underlying neural mechanisms. Each article in the issue focusses on a specific current research topic in general anesthesia research and several articles introduce to the topic in a pedagogical way. The issue covers various types of anaesthesia and the most important topics in the field, such as (but not limited to) recent advances in theoretical models and states of consciousness reflected in experimental data, the connectivity changes observed during anesthesia or effects of specific drugs on brain activity. The introduction style of the papers facilitates the reader to understand the background of the research aspect and even allows readers not familiar with general anesthesia research to enter the research domain. Hence the Research Topic aims to provide on one hand an overview of the current state of the art and on the other hand a good starting point for new researchers in the field.

Neuropsychiatric Assessment

The Maternal Voice in Victorian Fiction

Brain-Computer Interface Systems

OECD Indicators, 1997

Phonological Representations and Mismatch Negativity Asymmetries

First International Conference, BIOMESIP 2021, Meloneras, Gran Canaria, Spain, July 19-21, 2021, Proceedings

*Think tanks are often thought of as a uniquely US phenomenon. Although the largest concentration of think tanks is in the United States, they can be found in virtually every country. Often overlooked, Canada's think tanks represent a highly diverse and eclectic group of public policy organizations such as the Canadian Centre for Policy Alternatives, the C.D. Howe Institute, the Fraser Institute, and the Mowat Centre among others. In Northern Lights, Donald Abelson explores the rise of think tanks in Canada and addresses many of the most commonly asked questions about how, and under what circumstances, they are able to affect public opinion and public policy. He identifies the ways in which Canadian think tanks often prioritize political advocacy over policy research, and seeks to explain why these organizations are well-suited and equipped to shape the discourse around key policy issues. The first comprehensive examination of think tanks in Canada, Northern Lights is both a primer for those looking to understand the role and function of think tanks in the policy-making process and a guide to the leading policy institutes in the country.*

*This book discusses the evolving principle of transitional justice in public international law and international relations from the female perspective at a time when the concept is increasingly recognised by the international community as an effective framework in which to negotiate and manage a community's post-conflict transition to peace and stability. The book adopts a gender lens with a particular focus on women's direct experiences and perceptions either as intended beneficiaries of transitional justice (TJ), protagonists in that process or as practitioners, in order to present a unique view in relation to the development of TJ. The range of experiences and knowledge in this collection provides a fresh and unique perspective through its blend of theory and practice. This book will be of particular interest to students and scholars of law, political science and gender studies.*

*This book constitutes the refereed proceedings of the First International Conference on Bioengineering and Biomedical Signal and Image Processing, BIOMESIP 2021, held in Meloneras, Gran Canaria, Spain, in July 2021. The 41 full and 5 short papers were carefully reviewed and selected from 121 submissions. The papers are grouped in topical issues on biomedical applications in molecular, structural, and functional imaging; biomedical computing; biomedical signal measurement, acquisition and processing; computerized medical imaging and graphics; disease control and diagnosis; neuroimaging; pattern recognition and machine learning for biosignal data; personalized medicine; and*

COVID-19.

*Women and Transitional Justice*

*Design, User Experience, and Usability: Health, Learning, Playing, Cultural, and Cross-Cultural User Experience*

*Rewriting the Patriarchal Family*

*Theory and Practice*

*Pain and Depression*

*General Anesthesia: From Theory to Experiments*

Publisher's note: In this 2nd edition, the following article has been updated: Kohn N, Morawetz C, Weymar M, Yuan J and Dolcos F (2021) Editorial: Cognitive Control of Emotions in Challenging Contexts. *Front. Behav. Neurosci.* 15:785875. doi: 10.3389/fnbeh.2021.785875

The EEG is a simple and widely available neurophysiological test that, if interpreted correctly, can provide valuable insight into the functioning of the brain. However, despite its increasing usage in a range of settings, there is a common misconception that the EEG is inherently difficult to interpret. Compounding the problem is the lack of dedicated training and no standardized approach by encephalographers. This book provides a clear and concise guide to reading and interpreting EEGs in a systematic way. Presented in three sections, the first delivers foundational technical knowledge of how EEGs work, and the second concentrates on a comprehensive, stepwise approach to reading and interpreting an EEG. The third section contains examples of EEGs in common scenarios, such as seizures and post-cardiac arrest, enabling readers to correlate their findings to clinical indications. Heavily illustrated with over 200 example EEGs, this is an essential pocket guide to interpreting these tests.

Educational Neuroscience presents a series of readings from educators, psychologists, and neuroscientists that explore the latest findings in developmental cognitive neurosciences and their potential applications to education. Represents a new research area with direct relevance to current educational practices and policy making Features individual chapters written collaboratively by educationalist, psychologists, and neuroscientists to ensure maximum clarity and relevance to a broad range of readers Edited by a trio of leading academics with extensive experience in the field

*Local Aspects of Sleep and Wakefulness*

*Perioperative Care of the Elderly*

*The Experience of Women as Participants*

*From Parallel Processing to the Internet of Things*

*Advanced Imaging Methods in Neuroscience*

*Cloud Computing*

What is neuropsychiatry? This remarkable volume answers that question -- and more. Neuropsychiatry, which focuses on assessment and diagnostic issues at the interface of psychiatry and neurology, is enjoying a renaissance, largely because of the technological innovations detailed in these five chapters. Here, 11 recognized experts have assembled an overview of the essential techniques, current research, and future trends in neuropsychiatric assessment, focusing on clinical applications for psychiatry patients. This eminently practical work begins with the cornerstone of any neuropsychiatric assessment, the physical examination and the medical and psychiatric history. Included here is a head-to-toe compendium of important signs and symptoms to elicit, along with the differential diagnoses of neuropsychiatric disorders to consider when faced with a particular constellation of signs and symptoms. Subsequent chapters discuss The critical importance of the neuropsychological examination, traditionally administered by neuropsychologists and thus often overlooked by psychiatrists in routine workups of their patients. Topics addressed include the clinical approach to the interview process, fixed- and flexible-battery approaches to assessment, interpretation pitfalls, and future trends. The authors illustrate how this essential tool can reveal the major cognitive domains that may be involved in neuropsychiatric disorders and show how specific patterns of deficits in certain domains may help determine a neuropsychiatric diagnosis. The relevance of electrophysiological testing, an underused but invaluable resource, to neuropsychiatric disorders. The authors discuss standard, topographic, and quantitative electroencephalography; cerebral evoked potentials, and polysomnography, providing recommendations for the application of these tools in certain clinical situations (e.g., cognitive decline, rapid-cycling bipolar disorder) and projections for broader uses of electrophysiological testing in the future. The key importance of laboratory testing, especially in view of the complex array of neurological and medical illnesses that may underlie the symptoms of neuropsychiatric patients. The lack of consensus guidelines for the use of conventional laboratory testing, chest X rays, and electrocardiograms in screening patients with neuropsychiatric symptoms continues to constrain our ability to help these patients. The potential of today's increasingly sophisticated neuroimaging approaches -- from structural and functional magnetic resonance imaging and magnetic resonance spectroscopy to diffusion tensor imaging and positron emission tomography -- to reveal the brain and its pathways with unprecedented clarity. The authors provide a fascinating overview of the techniques involved and the current research findings in schizophrenia, major affective disorder, and obsessive-compulsive disorder. Intended to bring us closer to our goals of early detection of, more specific treatments for, and, ultimately, prevention of psychiatric illness, this in-depth yet concise volume on the research and practice of neuropsychiatry will find a wide audience among students, residents, and clinicians.

This collection of essays and reviews represents the most significant and comprehensive writing on Shakespeare's *A Comedy of Errors*. Miola's edited work also features a comprehensive critical history, coupled with a full bibliography and photographs of major productions of the play from around the world. In the collection, there are five previously unpublished essays. The topics covered in these new essays are women in the play, the play's debt to contemporary theater, its critical and performance histories in Germany and Japan, the metrical variety of the play, and the distinctly modern perspective on the play as containing dark and disturbing elements. To compliment these new essays, the collection features significant scholarship and commentary on *The Comedy of Errors* that is published in obscure and difficulty accessible journals, newspapers, and other sources. This collection brings together these essays for the first time.

This innovative, comprehensive book covers the key elements of perioperative management of older patients. The book's chapter

structure coincides with the clinical path patients tread during their treatment, from preoperative evaluation to post-hospital care. Epidemiological aspects and aging processes are illustrated, providing keys to understanding the quick expansion of geriatric surgery and defining the clinical profile of older surgical patients in a cybernetic perspective. Preoperative evaluation and preparation for surgery, including medication reconciliation and pre-habilitation, are developed in the light of supporting decision-making about surgery in an evidence-based and patient-focused way. Intra- and postoperative management are discussed, aiming to tailor anesthetic, surgical and nursing approaches to specific patients' needs, in order to prevent both general and age-related complications. This volume also addresses issues relevant to geriatric surgery, from different organizational models to clinical risk management and systems engineering applied to hospital organization.

**The New Frontier of Network Physiology: From Temporal Dynamics to the Synchronization and Principles of Integration in Networks of Physiological Systems**

**Clinical and Organizational Aspects**

**Second International Conference, DUXU 2013, Held as Part of HCI International 2013, Las Vegas, NV, USA, July 21-26, 2013, Proceedings, Part II**

**Reproductive Neuroendocrinology and Social Behavior**

**Neuromodulatory Control of Brainstem Function in Health and Disease**

**Exploring Canada's Think Tank Landscape**

Electroencephalograms (EEGs) are becoming increasingly important measurements of brain activity and they have great potential for the diagnosis and treatment of mental and brain diseases and abnormalities. With appropriate interpretation methods they are emerging as a key methodology to satisfy the increasing global demand for more affordable and effective clinical and healthcare services. Developing and understanding advanced signal processing techniques for the analysis of EEG signals is crucial in the area of biomedical research. This book focuses on these techniques, providing expansive coverage of algorithms and tools from the field of digital signal processing. It discusses their applications to medical data, using graphs and topographic images to show simulation results that assess the efficacy of the methods.

Additionally, expect to find: explanations of the significance of EEG signal analysis and processing (with examples) and a useful theoretical and mathematical background for the analysis and processing of EEG signals; an exploration of normal and abnormal EEGs, neurological symptoms and diagnostic information, and representations of the EEGs; reviews of theoretical approaches in EEG modelling, such as restoration, enhancement, segmentation, and the removal of different internal and external artefacts from the EEG and ERP (event-related potential) signals; coverage of major abnormalities such as seizure, and mental illnesses such as dementia, schizophrenia, and Alzheimer's disease, together with their mathematical interpretations from the EEG and ERP signals and sleep phenomenon; descriptions of nonlinear and adaptive digital signal processing techniques for abnormality detection, source localization and brain-computer interfacing using multi-channel EEG data with emphasis on non-invasive techniques, together with future topics for research in the area of EEG signal processing. The information within EEG Signal Processing has the potential to enhance the clinically-related information within EEG signals, thereby aiding physicians and ultimately providing more cost effective, efficient diagnostic tools. It will be beneficial to psychiatrists, neurophysiologists, engineers, and students or researchers in neurosciences. Undergraduate and postgraduate biomedical engineering students and postgraduate epileptology students will also find it a helpful reference.

Anti-social behaviors and social deficits induced mental disorders are critical problems in our society today. Social behaviors and interactions are shaped by experience, hereditary components (genes, hormones and neuropeptides) and environmental factors (photoperiods and metabolic signals). In addition to the classical gonadotropin-releasing hormone, RFamide peptides, kisspeptin and gonadotropin-inhibiting hormone are emerging as important regulators of the reproductive axis. These neuropeptides are evolutionarily conserved and are regulated by environmental factors. In this Research Topic, we advocate more recent advances in reproductive neuropeptides and sex steroids in the domains of social behavior including sexual and parental behavior, aggression, stress and anxiety. Using multiple species model, we also review how genes and the neuroendocrine system interact at the cell and organismic levels to contribute to social behavior in particular the epigenetic genomic changes caused by early life environment. We provide comprehensive insights of distinct neural networks and how cellular and molecular events in the brain regulate social behavior from a comparative perspective.

Oceans account for 50% of the anthropogenic CO<sub>2</sub> released into the atmosphere. During the past 15 years an international programme, the Joint Global Ocean Flux Study (JGOFS), has been studying the ocean carbon cycle to quantify and model the biological and physical processes whereby CO<sub>2</sub> is pumped from the ocean's surface to the depths of the ocean, where it can remain for hundreds of years. This project is one of the largest multi-disciplinary studies of the oceans ever carried out and this book synthesises the results. It covers all aspects of the topic ranging from air-sea exchange with CO<sub>2</sub>, the role of physical mixing, the uptake of CO<sub>2</sub> by marine algae, the fluxes of carbon and nitrogen through the marine food chain to the subsequent export of carbon to the depths of the ocean. Special emphasis is laid on predicting future climatic change.

Northern Lights

Functional Brain Mapping of Epilepsy Networks: Methods and Applications

Bioengineering and Biomedical Signal and Image Processing

Forecasting: principles and practice

Recent Progress and Future Prospects

Toward a More Representative Brain: the Importance and Absence of Diversity in Human Neuroscience Research Across the Lifespan

**Cloud Computing: Theory and Practice provides students and IT professionals with an in-depth analysis of the cloud from the ground up. Beginning with a discussion of parallel computing and architectures and distributed systems, the book turns to contemporary cloud infrastructures, how they are being deployed at leading companies such as Amazon, Google and Apple, and how they can be applied in fields such as healthcare, banking and science. The volume also examines how to successfully deploy a cloud application across the enterprise using virtualization, resource management and the right amount of networking support, including content delivery networks and storage area networks. Developers will find a complete introduction to application development provided on a variety of platforms. Learn about recent trends in cloud computing in critical areas such as: resource management, security, energy consumption, ethics, and complex systems Get a detailed hands-on set of practical recipes that help simplify the deployment of a cloud based system for practical use of computing clouds along with an in-depth discussion of several projects Understand the evolution of cloud computing and why the cloud computing paradigm has a better chance to succeed than previous efforts in large-scale distributed computing**

**An introduction to the engineering principles of embedded systems, with a focus on modeling, design, and**

analysis of cyber-physical systems. The most visible use of computers and software is processing information for human consumption. The vast majority of computers in use, however, are much less visible. They run the engine, brakes, seatbelts, airbag, and audio system in your car. They digitally encode your voice and construct a radio signal to send it from your cell phone to a base station. They command robots on a factory floor, power generation in a power plant, processes in a chemical plant, and traffic lights in a city. These less visible computers are called embedded systems, and the software they run is called embedded software. The principal challenges in designing and analyzing embedded systems stem from their interaction with physical processes. This book takes a cyber-physical approach to embedded systems, introducing the engineering concepts underlying embedded systems as a technology and as a subject of study. The focus is on modeling, design, and analysis of cyber-physical systems, which integrate computation, networking, and physical processes. The second edition offers two new chapters, several new exercises, and other improvements. The book can be used as a textbook at the advanced undergraduate or introductory graduate level and as a professional reference for practicing engineers and computer scientists. Readers should have some familiarity with machine structures, computer programming, basic discrete mathematics and algorithms, and signals and systems.

Current theories of visual change detection emphasize the importance of conscious attention to detect unexpected changes in the visual environment. However, an increasing body of studies shows that the human brain is capable of detecting even small visual changes, especially if such changes violate non-conscious probabilistic expectations based on repeating experiences. In other words, our brain automatically represents statistical regularities of our visual environment. Since the discovery of the auditory mismatch negativity (MMN) event-related potential (ERP) component, the majority of research in the field has focused on auditory deviance detection. Such automatic change detection mechanisms operate in the visual modality too, as indicated by the visual mismatch negativity (vMMN) brain potential to rare changes. VMMN is typically elicited by stimuli with infrequent (deviant) features embedded in a stream of frequent (standard) stimuli, outside the focus of attention. In this research topic we aim to present vMMN as a prediction error signal. Predictive coding theories account for phenomena such as mismatch negativity and repetition suppression, and place them in a broader context of a general theory of cortical responses. A wide range of vMMN studies has been presented in this Research Topic. Twelve articles address roughly four general sub-themes including attention, language, face processing, and psychiatric disorders. Additionally, four articles focused on particular subjects such as the oblique effect, object formation, and development and time-frequency analysis of vMMN. Furthermore, a review paper presented vMMN in a hierarchical predictive coding framework. Each paper in this Research Topic is a valuable contribution to the field of automatic visual change detection and deepens our understanding of the short term plasticity underlying predictive processes of visual perceptual learning.

#### **Educational Neuroscience**

##### **Application of Neural Technology to Neuro-Management and Neuro-Marketing**

##### **Eye movement-related brain activity during perceptual and cognitive processing**

#### **What is Musical Creativity? Interdisciplinary Dialogues and Approaches**

##### **Electronic Books and ePublishing**

Over the past few years the e-book has received much attention - the new generation of books can be downloaded from the Internet. Indeed, many publishing applications nowadays enable the production of electronic books. This book shows readers how to design electronic books using the book metaphor. The information presented is a culmination of the author's experience as an author and researcher. It contains valuable information gathered through user surveys, user focus groups, usability testing, and participation in industry groups and standards organisations. A definite must-have for anyone interested in the new generation of books.

The four-volume set LNCS 8012, 8013, 8014 and 8015 constitutes the proceedings of the Second International Conference on Design, User Experience, and Usability, DUXU 2013, held as part of the 15th International Conference on Human-Computer Interaction, HCII 2013, held in Las Vegas, USA in July 2013, jointly with 12 other thematically similar conferences. The total of 1666 papers and 303 posters presented at the HCII 2013 conferences was carefully reviewed and selected from 5210 submissions. These papers address the latest research and development efforts and highlight the human aspects of design and use of computing systems. The papers accepted for presentation thoroughly cover the entire field of Human-Computer Interaction, addressing major advances in knowledge and effective use of computers in a variety of application areas. The total of 282 contributions included in the DUXU proceedings were carefully reviewed and selected for inclusion in this four-volume set. The 67 papers included in this volume are organized in the following topical sections: cross-cultural and intercultural user experience; designing for the learning and culture experience; designing for the health and quality of life experience; and games and gamification.

Predictive coding (PC) is a neurocognitive concept, according to which the brain does not process the whole qualia of external information, but only residual mismatches occurring between incoming information and an individual, inner model of the world. At the time of issue initiation, I expected an essential focus on mismatch signals in the brain, especially those captured by neurophysiologic oscillations. This was because one most plausible approach to the PC concept is to identify and validate mismatch signals in the

brain. Announcing the topic revealed a much deeper consideration of intelligible minds of researchers. It turned out that what was of fundamental interest was which brain mechanisms support the formation, maintenance and consolidation of the inner model determining PC. Is PC a dynamic construct continuously modulated by external environmental or internal mental information? The reader will be delighted to get acquainted with the current views and understanding of eminent scholars in the field. It will be challenging to discover the realm of sleep where both physiological, energy preserving and mental qualia principles build on the inner models to shape and transform the self. And where neurophysiologic oscillations may both transmit external information and translate inner models from state to state to preserve the self-continuity and compactness.

Cognitive Control of Emotions in Challenging Contexts, 2nd edition

RNA Modification in Human Cancers: Roles and Therapeutic Implications

Deciphering the biomarkers of Alzheimer's disease

Introduction to Embedded Systems

Book of Numbers

Visual Mismatch Negativity (vMMN): a Prediction Error Signal in the Visual Modality

*The OECD education indicators enable countries to see themselves in light of other countries performance. They reflect on both the human and financial resources invested in education and on the returns of these investments.*

*Distributed and Cloud Computing*

*A Practical Guide for Authors*

*Guidelines for Soil Description*

*How to Read an EEG*

*Adam Spencer's*

*Education at a Glance*