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"Emperor Jahangir is probably best known in the West as the father of Shahjahan, who built the Taj Mahal. Jahangir's reign was one of great prosperity, and his passion for art and nature encouraged an artistic flowering that rivaled European art during the rule of the Medicis. Jahangir's memoirs provide not only the history of his reign, but also his reflections on art, politics, and life, including the suicide of one of his wives, and selections of poetry written by members of his harem.

This volume is not an attempt to give a comprehensive treatment of the many facets of intelligence. Rather, the intention is to present multiple approaches to interesting and novel ways of looking at old problems. The focus is on the visual and some of the conceptual intelligences. Vision is man's primary cognitive contact with the world around him, and we are vividly reminded of this by Roman Jakobson's autobiographical note, "The Evasive Initial" with which this volume begins. That we see the world as well as we do is something of a miracle. Looking out through our eyes, our brains give us reliable knowledge about the world around us in all it beauty of form, color and movement. The chapters in the first section look at how this may come about from various perspectives. How from the intensity array which the world casts on the eye's retina does the brain achieve recognition? What may be some of the processes involved in seeing? We see shapes, textures and colors, and subsequently, at the more cognitive levels, recognize them as objects which we can manipulate: we inspect them to discover what to use them for. The objects are tools or food; they are things, beautiful, lovable or frightening. They are things to remember and to talk about to our friends, or to ask someone

for. We can ask for many or just a few. They are important to us or trivial.

This comprehensive book focuses squarely on academic portfolios, which may prove to be the most innovative and promising faculty evaluation and development technique in years. The authors identify key issues, red flag warnings, and benchmarks for success, describing the what, why, and how of developing academic portfolios. The book includes an extensively tested step-by-step approach to creating portfolios and lists 21 possible portfolio items covering teaching, research/scholarship, and service from which faculty can choose the ones most relevant to them. The thrust of this book is unique: It provides time-tested strategies and proven advice for getting started with portfolios. It includes a research-based rubric grounded in input from 200 faculty members and department chairs from across disciplines and institutions. It examines specific guiding questions to consider when preparing every subsection of the portfolio. It presents 18 portfolio models from 16 different academic disciplines. Designed for faculty members, department chairs, deans, and members of promotion and tenure committees, all of whom are essential partners in developing successful academic portfolio programs, the book will also be useful to graduate students, especially those planning careers as faculty members.

This book constitutes the proceedings of the 20th INternational Conference on Advanced Concepts for Intelligent Vision Systems, ACIVS 2020, held in Auckland, New Zealand, in February 2020. The 48 papers presented in this volume were carefully reviewed and selected from a total of 78 submissions. They were organized in topical sections named: deep learning; biomedical image analysis; biometrics and identification; image analysis; image restauration, compression and watermarking; tracking, and mapping and scene analysis.

Computer Vision – ECCV 2012
Saffron
Camelid Infectious Disorders
Crocus sativus L.
The Constitution of Algorithms
Zoonotic Diseases and One Health

The articles in this Research Topic provide a state-of-the-art overview of the current progress in integrating computational and empirical research on visual object recognition. Developments in this exciting multidisciplinary field have recently gained momentum: High performance computing enabled breakthroughs in computer vision and computational neuroscience. In parallel, innovative machine learning applications have recently become available for datamining the large-scale, high resolution brain data acquired with (ultra-high field) fMRI and dense multi-unit recordings. Finally, new techniques to integrate such rich simulated and empirical datasets for direct model testing could aid the development of a comprehensive brain model. We hope that this Research Topic contributes to these encouraging advances and inspires future research avenues in computational and empirical neuroscience.

The book provides a reference to biological control of arthropod pests in agriculture and of public health importance in Iran. A quick glance over the literature shows a long history of biocontrol attempts in the country. Some historically important events highlighting the interest of Iranian academic, research and extension fields to the natural enemies and

their applied aspects are provided. Iran, with an exception of the former USSR, was a pioneer in both basic and applied biocontrol in West Asia. The book consists of four parts: three parts for predators, parasitoids and pathogens, and last part for other approaches and analyses of the current state of biological control in Iran. The book provides the most up-to-date information on pest control and related topics of entomology in Iran. The chapters are written by scholars from major Universities and research centers in Iran.
This monograph presents a complete computational system for visual attention and object detection. VOCUS (Visual Object detection with a Computational attention System) represents a major step forward on integrating data-driven and model-driven information into a single framework. Additionally, the volume contains an extensive review of the literature on visual attention, detailed evaluations of VOCUS in different settings, and applications of the system.
Mirror neurons may hold the brain's key to social interaction - each coding not only a particular action or emotion but also the recognition of that action or emotion in others. The Mirror System Hypothesis adds an evolutionary arrow to the story - from the mirror system for hand actions, shared with monkeys and chimpanzees, to the uniquely human mirror system for language. In this accessible volume, experts from child development, computer science, linguistics, neuroscience, primatology and robotics present and analyse the mirror system and show how studies of action and language can illuminate each other. Topics discussed in the fifteen chapters include: what do chimpanzees and

humans have in common? Does the human capability for language rest on brain mechanisms shared with other animals? How do human infants acquire language? What can be learned from imaging the human brain? How are sign- and spoken-language related? Will robots learn to act and speak like humans?

A Handbook for College and University Administrators

12th European Conference on Computer Vision, Florence, Italy, October 7-13, 2012, Proceedings, Part II

Advances and Challenges

Developing and Applying Biologically-Inspired Vision Systems: Interdisciplinary Concepts

Dietary Phytochemicals

The Commentarial Introduction Entitled Nidāna-kātha, the Story of the Lineage

These proceedings gather carefully selected, peer-reviewed contributions from the International Conference on Pure and Applied Chemistry (ICPAC 2018). The event, the latest installment in a biennial conference series, was held in July 2018 in Mauritius. The respective chapters in this unique collection reflect a wide range of fundamental and applied research in the chemical sciences and various interdisciplinary subjects. In addition to reviews, they highlight cutting-edge advances.

A laboratory study that investigates how algorithms come into existence. Algorithms--often associated with the terms big data, machine learning, or artificial intelligence--underlie the technologies we use every day, and disputes over the consequences, actual or potential, of new algorithms arise regularly. In this book, Florian Jaton offers a new way to study computerized methods, providing an account of where algorithms come from and how they are constituted, investigating the practical activities by which algorithms are progressively assembled rather than what they may suggest or require once they are assembled.

This book emphasizes past and current research efforts about principles of natural control of major parasites affecting humans, animals, and crops. Each chapter is a complete and integrated subject that presents a problem and confers on the safe alternatives to chemicals. This book discusses and updates information about three major topics of natural remedies. The first topic is represented in a chapter outlining important information on biological control of parasites, the second topic is represented in three chapters dealing with botanicals as

promising antiparasitic agents, and the last four chapters deal with miscellaneous control strategies against parasites. This easily readable book is designed precisely for students as well as professors linked with the field of parasitic control. We enhanced words with breathing areas in the form of graphical abstracts, figures, photographs, and tables.

This contributed volume provides the state-of-the-art development on security and privacy for cyber-physical systems (CPS) and industrial Internet of Things (IIoT). More specifically, this book discusses the security challenges in CPS and IIoT systems as well as how Artificial Intelligence (AI) and Machine Learning (ML) can be used to address these challenges. Furthermore, this book proposes various defence strategies, including intelligent cyber-attack and anomaly detection algorithms for different IIoT applications. Each chapter corresponds to an important snapshot including an overview of the opportunities and challenges of realizing the AI in IIoT environments, issues related to data security, privacy and application of blockchain technology in the IIoT environment. This book also examines more advanced and specific topics in AI-

based solutions developed for efficient anomaly detection in IIoT environments. Different AI/ML techniques including deep representation learning, Snapshot Ensemble Deep Neural Network (SEDNN), federated learning and multi-stage learning are discussed and analysed as well. Researchers and professionals working in computer security with an emphasis on the scientific foundations and engineering techniques for securing IIoT systems and their underlying computing and communicating systems will find this book useful as a reference. The content of this book will be particularly useful for advanced-level students studying computer science, computer technology, cyber security, and information systems. It also applies to advanced-level students studying electrical engineering and system engineering, who would benefit from the case studies.

The Successors of Genghis Khan

Proceedings of ICICC 2020, Volume 2

The Jahangirnama

Ground-Truthing, Programming, Formulating

Chemistry for a Clean and Healthy Planet

Camel Clinical Biochemistry and Hematology

Research into the methods and techniques used in simulating crowds has developed extensively within the last few years, particularly in the areas of video games and film. Despite recent impressive results when simulating and rendering thousands of individuals, many challenges still exist in this area. The comparison of simulation with reality, the realistic appearance of virtual humans and their behavior, group structure and their motion, and collision avoidance are just some examples of these challenges. For most of the applications of crowds, it is now a requirement to have real-time simulations – which is an additional challenge, particularly when crowds are very large. Crowd Simulation analyses these challenges in depth and suggests many possible solutions. Daniel Thalmann and Soraia Musse share their experiences and expertise in the application of: · Population modeling · Virtual human animation · Behavioral models for crowds · The connection between virtual and real crowds · Path planning and navigation · Visual attention models · Geometric and populated semantic environments · Crowd rendering The second edition presents techniques and methods developed since the authors first covered the simulation of crowds in 2007. Crowd Simulation includes in-depth discussions on the techniques of path planning, including a new hybrid approach between navigation graphs and potential-based methods. The importance of gaze attention – individuals

appearing conscious of their environment and of others – is introduced, and a free-of-collision method for crowds is also discussed.

Key features: Written by the scientist who named this parasite and was the first to set up proper diagnostic techniques Serves as the first ever book to provide information on the parasite structure, biology, pathogenesis, clinical signs, epidemiology, prevention, and control of neosporosis Covers both approaches toward preventing & controlling this disease: Developing an efficacious vaccine and sound cattle management practices Contains a wealth of illustrations, including many of the author's original photographs of the parasite Provides basic information on immunologic and molecular aspects of the disease Abortion is a worldwide problem in the livestock industry accounting for annual economic losses of billions of dollars, and N. caninum is a major cause of it. Neosporosis is a newly recognized disease of animals. Until 1988 it was misdiagnosed as toxoplasmosis. Considerable progress in understanding the biology of neosporosis has been made in the last 30 years, resulting in more than 2,000 scientific publications. The economic importance of abortion in cattle, and the availability of knowledge, reagents, and technology used to study toxoplasmosis, have contributed to the rapid progress in understanding the biology of neosporosis. Written by pioneers in this field, Neosporosis in Animals presents a

comprehensive summary of the biology of neosporosis, starting with chapter 1 on the historical background of the discovery of the disease. Subsequent chapters deal with general aspects of the biology of N. caninum (chapter 2), techniques (chapter 3), and the disease caused by this parasite in cattle (chapter 4), dogs (chapter 5), and all other animals including sheep, pigs, primates and humans (chapters 6-18). This book provides, for the first time in a single authoritative source, a complete account of the structure, biology, clinical disease, diagnosis, epidemiology, treatment, attempts at immunoprophylaxis, and control in all hosts. There are 175 illustrations and tables devoted to the life cycle, structure of parasitic stages, and lesions. More than 2100 references are cited, allowing the reader to locate additional information on specific topics in an efficient way. This book will be useful to a broad range of researchers in biology and veterinarians. This book includes high-quality research papers presented at the Second International Conference on Innovative Computing and Communication (ICICC 2019), which is held at the VŠB - Technical University of Ostrava, Czech Republic, on 21–22 March 2019. Introducing the innovative works of scientists, professors, research scholars, students, and industrial experts in the fields of computing and communication, the book promotes the transformation of fundamental research into institutional and industrialized research and the

conversion of applied exploration into real-time applications.
This two-volume set LNCS 12194 and 12195 constitutes the refereed proceedings of the 12th International Conference on Social Computing and Social Media, SCSM 2020, held as part of the 22nd International Conference, HCI International 2020, which was planned to be held in Copenhagen, Denmark, in July 2020. The conference was held virtually due to the COVID-19 pandemic. The total of 1439 papers and 238 posters have been accepted for publication in the HCII 2020 proceedings from a total of 6326 submissions. SCSM 2020 includes a total of 93 papers which are organized in topical sections named: Design Issues in Social Computing, Ethics and Misinformation in Social Media, User Behavior and Social Network Analysis, Participation and Collaboration in Online Communities, Social Computing and User Experience, Social Media Marketing and Consumer Experience, Social Computing for Well-Being, Learning, and Entertainment.
Natural Remedies in the Fight Against Parasites
Invariances in Human Information Processing
Interdisciplinary Concepts
12th International Conference, SCSM 2020, Held as Part of the 22nd HCI International Conference, HCII 2020, Copenhagen, Denmark, July 19–24, 2020,

Proceedings, Part I
Intelligent Computing Methodologies
Buddhist Birth-stories (Jataka Tales)

This two-volume set of LNCS 12463 and LNCS 12464 constitutes - in conjunction with the volume LNAI 12465 - the refereed proceedings of the 16th International Conference on Intelligent Computing, ICIC 2020, held in Bari, Italy, in October 2020. The 162 full papers of the three proceedings volumes were carefully reviewed and selected from 457 submissions. The ICIC theme unifies the picture of contemporary intelligent computing techniques as an integral concept that highlights the trends in advanced computational intelligence and bridges theoretical research with applications. The theme for this conference is "Advanced Intelligent Computing Methodologies and Applications." Papers related to this theme are especially solicited, addressing theories, methodologies, and applications in science and technology.

This work brings together a wealth of data regarding the reference values and factors of variation in biochemical parameters used by camel veterinarians and scientists to determine these animals' nutritional and clinical status. It also explores several technical aspects involved in determining these parameters, sampling procedures, and essential elements in the interpretation of the results. Though many texts are available on small and large ruminants, much less is

known about species confined to the marginal zones of tropical and Mediterranean countries, such as camels. This book addresses precisely this research gap, on the one hand by presenting an extensive review of the literature, and on the other by synthesizing the outcomes of the authors' numerous previous works. In veterinary medicine, blood tests to help diagnose diseases in cattle were first proposed nearly a century ago, but were mainly developed in the 1960s, initially at specialized research or veterinary services laboratories, and eventually, with the advent of new equipment and the miniaturization of the analyzers, finding their way into veterinarians' cabinets. Beyond their diagnostic value, veterinary surgeons and zootechnicians also speculated on the potential use of blood tests to evaluate animals' nutritional status. Thus, a whole range of analyses are now proposed to the stakeholders responsible for animal health. Such analyses could help to define a metabolic profile, which would offer a valuable decision-making tool for experts and researchers alike.

"This book presents advice and guidance based on previous court cases and the experience of administrators and campus hearing officers who have dealt with difficult First Ammendment issues and lived to tell about it" -- P. 2.

Nidena - Katha - The Story of the Lineage - Translated from Prof. V. Fausboll's edition of the Pali text by T.W. Rhys Davids - 19 cm.

Biological Control of Insect and Mite Pests in Iran
A Practical Guide to Documenting Teaching, Research, and Service
A Source of Novel Bioactive Compounds for the Treatment of Obesity, Cancer and Diabetes
Iran Sanctions
Proceedings of the 18th ACM International Conference on Multimodal Interaction
Crowd Simulation

Tinnitus ("ringing in the ears") is a serious health condition that can negatively affect a patient's quality of life. Although there is presently no way to cure tinnitus, there are some good, well-established methods that can significantly reduce the burden of tinnitus. Importantly, the only way to success is to understand the detailed knowledge offered by clinicians and researchers. Based on these concepts, the book incorporates updated developments as well as future perspectives in the ever-expanding field of tinnitus. This book can also serve as a reference for persons involved in this field whether they are clinicians, researchers, or patients. Once we've integrated the views of various disciplines and treatment options, we can go forth to manage tinnitus well. Contents: (1) Background of the Iran Sanctions Act (ISA): Key Provisions: ¿Triggers¿ and Available Sanctions; Waiver and Termination Authority; Iran Freedom Support Act Amendments; Effectiveness and Ongoing Challenges: Energy Routes and Refinery

Investment: Refinery Construction; Significant Purchase Agreements; Efforts in the 110th and 111th Congress to Expand ISA Application; Other Energy-Related Sanctions Ideas; (2) Relationships to Other U.S. Sanctions: Ban on U.S. Trade and Investment With Iran; Treasury Department ¿Targeted Financial Measures¿; Terrorism-Related Sanctions; Executive Order 13224; Proliferation-Related Sanctions; Efforts to Promote Divestment; Blocked Iranian Property and Assets. Tables.

Understanding parasite biology and impact is essential when giving advice on parasite control in farm animals. In the first review devoted to parasites of domestic cattle and sheep alone, this book provides in-depth, focused advice which can be tailored to individual farms. It considers the impact of parasites, both as individual species and as co-infections, as well as epidemiological information, monitoring, and diagnostic procedures. Supported throughout by diagrams and photos to aid diagnosis, it also reviews the basis for control measures such as the responsible use of parasiticides, adaptive animal husbandry and other management practices.

This work presents a systematic review of traditional herbal medicine and their active compounds, as well as their mechanism of action in the prevention and treatment of diabetes and obesity. The side effects and safety of herbal-derived anti-diabetic and anti-obesity phytochemicals are detailed in depth, and the text has a strong focus on current and future trends in anti-diabetic medicinal plants. This unique and comprehensive

text is the only current book on the market focusing exclusively on medicinal plants used to combat obesity and diabetes. An introductory chapter focuses on diabetes and obesity and introduces the major causes and main treatments of this increasing epidemic in modern society. Readers are then introduced to medicinal plants, including details on their therapeutic aspects, plus side effects and safety. Following chapters focus on anti-diabetic and anti-obesity medicinal plants, as well as phytogenic natural products in the treatment of each. The text closes by focusing on present and future trends and challenges in these medicinal plants. Anti-diabetes and Anti-obesity Medicinal Plants and Phytochemicals: Safety, Efficacy, and Action Mechanisms is a much-needed and truly original work, finally presenting in one place all the necessary information on medicinal plants used in conjunction with obesity and diabetes prevention.

The Enriching Views of Treatment Options

Safety, Efficacy, and Action Mechanisms

Memoirs of Jahangir, Emperor of India

The First Amendment on Campus

Camel Meat and Meat Products

Advanced Concepts for Intelligent Vision Systems

This book includes high-quality research papers presented at the Third International

Conference on Innovative Computing and Communication (ICICC 2020), which is held at the Shaheed Sukhdev College of Business Studies, University of Delhi, Delhi, India, on 21–23 February, 2020. Introducing the innovative works of scientists, professors, research scholars, students and industrial experts in the field of computing and communication, the book promotes the transformation of fundamental research into institutional and industrialized research and the conversion of applied exploration into real-time applications.

The seven-volume set comprising LNCS volumes 7572-7578 constitutes the refereed proceedings of the 12th European Conference on Computer Vision, ECCV 2012, held in Florence, Italy, in October 2012. The 408 revised papers presented were carefully reviewed and selected from 1437 submissions. The papers are organized in topical sections on geometry, 2D and 3D shapes, 3D reconstruction, visual recognition and classification, visual features and image matching, visual monitoring: action and activities, models, optimisation, learning, visual tracking and image registration, photometry: lighting and colour, and image segmentation.

Multimodal Behavioral Analysis in the Wild: Advances and Challenges presents the state-of- the-art in behavioral signal processing using different data modalities, with a special focus on identifying the strengths and limitations of current technologies. The book focuses on audio and video modalities, while also emphasizing emerging modalities, such as accelerometer or proximity data. It covers tasks at different levels of complexity, from low level (speaker detection, sensorimotor links, source separation), through middle level (conversational group detection, addresser and addressee

identification), and high level (personality and emotion recognition), providing insights on how to exploit inter-level and intra-level links. This is a valuable resource on the state-of-the- art and future research challenges of multi-modal behavioral analysis in the wild. It is suitable for researchers and graduate students in the fields of computer vision, audio processing, pattern recognition, machine learning and social signal processing. Gives a comprehensive collection of information on the state-of-the-art, limitations, and challenges associated with extracting behavioral cues from real-world scenarios Presents numerous applications on how different behavioral cues have been successfully extracted from different data sources Provides a wide variety of methodologies used to extract behavioral cues from multi-modal data

During the last three decades, there have been enormous advances in our understanding of the neural mechanisms of selective attention at the network as well as the cellular level. The Oxford Handbook of Attention brings together the different research areas that constitute contemporary attention research into one comprehensive and authoritative volume. In 40 chapters, it covers the most important aspects of attention research from the areas of cognitive psychology, neuropsychology, human and animal neuroscience, computational modelling, and philosophy. The book is divided into 4 main sections. Following an introduction from Michael Posner, the books starts by looking at theoretical models of attention. The next two sections are dedicated to spatial attention and non-spatial attention respectively. Within section 4, the authors consider the interactions between attention and other psychological domains. The last two sections focus on attention-related disorders, and finally, on computational models

of attention. Aimed at both scholars and students, the Oxford Handbook of Attention provides a concise and state-of-the-art review of the current literature in this field.
VOCUS: A Visual Attention System for Object Detection and Goal-Directed Search
Matters of Intelligence
Anti-diabetes and Anti-obesity Medicinal Plants and Phytochemicals
Integrating Computational and Neural Findings in Visual Object Perception
Proceedings of ICICC 2019, Volume 1
The Cognitive Neurosciences, fifth edition

Providing a comprehensive and contemporary overview of the status of this particular genus, this book will be of interest to all those concerned with the study and uses of spices, medicinal and aromatic plants.

The fifth edition of a work that defines the field of cognitive neuroscience, with entirely new material that reflects recent advances in the field. Each edition of this classic reference has proved to be a benchmark in the developing field of cognitive neuroscience. The fifth edition of The Cognitive Neurosciences continues to chart new directions in the study of the biological underpinnings of complex cognition—the relationship between the structural and physiological mechanisms of the nervous system and the psychological reality of the mind. It offers entirely new material, reflecting recent advances in the field. Many of the developments in cognitive neuroscience have been shaped by the introduction of novel tools and methodologies, and a new section is devoted to methods that promise to guide the field into the future—from sophisticated models of causality in brain function to the application of network theory to massive data sets. Another new section treats

neuroscience and society, considering some of the moral and political quandaries posed by current neuroscientific methods. Other sections describe, among other things, new research that draws on developmental imaging to study the changing structure and function of the brain over the lifespan; progress in establishing increasingly precise models of memory; research that confirms the study of emotion and social cognition as a core area in cognitive neuroscience; and new findings that cast doubt on the so-called neural correlates of consciousness.

Camel meat has many benefits as a meat product. It has low fat content and is highly nutritious, and has potential to be used to combat hyperacidity, hypertension, pneumonia and respiratory disease. This book reviews up-to-date literature on camel meat and meat products, carcass and meat quality characteristics, muscle structure, post-mortem analysis and the nutritive value to humans. A comparatively small component of global meat consumption, camel meat has the potential to undergo an explosion of production worldwide, and currently farming for camel meat in Asia, Africa, Latin America and Australia is undergoing significant expansion. The potential of camel meat in helping to meet projected world food shortages, and being sustainably farmed, is also explored by the editors.

Humans are part of an ecosystem, and understanding our relationship with the environment and with other organisms is a prerequisite to living together sustainably. Zoonotic diseases, which are spread between animals and humans, are an important issue as they reflect our relationship with other animals in a common environment. Zoonoses are still presented with high occurrence rates, especially in rural communities, with direct and

indirect consequences for people. In several cases, zoonosis could cause severe clinical manifestations and is difficult to control and treat. Moreover, the persistent use of drugs for infection control enhances the potential of drug resistance and impacts on ecosystem balance and food production. This book demonstrates the importance of understanding zoonosis in terms of how it allows ecosystems to transform, adapt, and evolve. Ecohealth/One Health approaches recognize the interconnections among people, other organisms, and their shared developing environment. Moreover, these holistic approaches encourage stakeholders of various disciplines to collaborate in order to solve problems related to zoonosis. The reality of climate change necessitates considering new variables in studying diseases, particularly to predict how these changes in the ecosystems can affect human health and how to recognize the boundaries between medicine, veterinary care, and environmental and social changes towards healthy and sustainable development.

A Review from Fundamental and Applied Aspects

16th International Conference, ICIC 2020, Bari, Italy, October 2–5, 2020, Proceedings, Part III

AI-Enabled Threat Detection and Security Analysis for Industrial IoT

Multimodal Behavior Analysis in the Wild

The Academic Portfolio

Buddhist Birth Stories : Or, Jātaka Tales

ICMI '16: INTERNATIONAL CONFERENCE ON MULTIMODAL INTERACTION Nov 12, 2016–Nov 16, 2016 Tokyo, Japan. You can view more

information about this proceeding and all of ACM's other published conference proceedings from the ACM Digital Library: http://www.acm.org/dl.

"This book provides interdisciplinary research that evaluates the performance of machine visual models and systems in comparison to biological systems, blending the ideas of current scientific knowledge and biological vision"--

This book presents comprehensive coverage on the importance of good nutrition in the treatment and management of obesity, cancer and diabetes. Naturally occurring bioactive compounds are ubiquitous in most dietary plants available to humans and provide opportunities for the management of diseases. The text provides information about the major causes of these diseases and their association with nutrition. The text also covers the role of dietary phytochemicals in drug development and their pathways. Later chapters emphasize novel bioactive compounds as anti-diabetic, anti-cancer and anti-obesity agents and describe

their mechanisms to regulate cell metabolism. Written by global team of experts, Dietary Phytochemicals: A Source of Novel Bioactive Compounds for the Treatment of Obesity, Cancer and Diabetes describes the potentials of novel phytochemicals, their sources, and underlying mechanism of action. The chapters were drawn systematically and incorporated sequentially to facilitate proper understanding. This book is intended for nutritionists, physicians, medicinal chemists, drug developers in research and development, postgraduate students and scientists in area of nutrition and life sciences.

Invariances in Human Information Processing examines and identifies processing universals and how they are implemented in elementary judgemental processes. This edited collection offers evidence that these universals can be extracted and identified from observing law-like principles in perception, cognition, and action. Addressing memory operations, development, and conceptual learning, this book considers basic and complex meso- and makro-stages of

information processing. Chapter authors provide theoretical accounts of cognitive processing that may offer tools for identification of functional components in brain activity in cognitive neuroscience

Parasites of Cattle and Sheep

A Practical Guide to their Biology and Control

Conceptual Structures in Cognitive Neuroscience

The Oxford Handbook of Attention

Action to Language via the Mirror Neuron System

A key property of neural processing in higher mammals is the ability to focus resources by selectively directing attention to relevant perceptions, thoughts or actions. Research into attention has grown rapidly over the past two decades, as new techniques have become available to study higher brain function in humans, non-human primates, and other mammals. Neurobiology of Attention is the first encyclopedic volume to summarize the latest developments in attention research. An authoritative collection of over 100 chapters organized into thematic sections provides both broad coverage and

access to focused, up-to-date research findings. This book presents a state-of-the-art multidisciplinary perspective on psychological, physiological and computational approaches to understanding the neurobiology of attention. Ideal for students, as a reference handbook or for rapid browsing, the book has a wide appeal to anybody interested in attention research. * Contains numerous quick-reference articles covering the breadth of investigation into the subject of attention * Provides extensive introductory commentary to orient and guide the reader * Includes the most recent research results in this field of study

Neosporosis in Animals

Social Computing and Social Media. Design, Ethics, User Behavior, and Social Network Analysis

Management of Tinnitus

Neurobiology of Attention

International Conference on Innovative Computing and Communications

20th International Conference, ACIVS 2020, Auckland, New Zealand, February 10–14, 2020, Proceedings