

# Digit Ratio A Pointer To Fertility Behavior And Health A Volume In The Rutgers Series In Human Evolution Edited By Robert Trivers

Finite Precision Number Systems and Arithmetic  
 Information Theory, Inference and Learning Algorithms  
 Genetics, Paleontology, and Macroevolution  
 The Praeger Handbook of Transsexuality  
 Manual of Digital Earth  
 Laterality  
 C++ Concurrency in Action  
 The Finger Ratio  
 Aggression in the Sports World  
 Advanced Bash Scripting Guide  
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## MIYA FINN

**Finite Precision Number Systems and Arithmetic** Cambridge University Press  
 Artificial intelligence (AI) is a field within computer science that is attempting to build enhanced intelligence into computer systems. This book traces the history of the subject, from the early dreams of eighteenth-century (and earlier) pioneers to the more successful work of today's AI engineers. AI is becoming more and more a part of everyone's life. The technology is

already embedded in face-recognizing cameras, speech-recognition software, Internet search engines, and health-care robots, among other applications. The book's many diagrams and easy-to-understand descriptions of AI programs will help the casual reader gain an understanding of how these and other AI systems actually work. Its thorough (but unobtrusive) end-of-chapter notes containing citations to important source materials will be of great use to AI scholars and researchers. This book promises to be the definitive history of a field that has captivated the imaginations of scientists, philosophers, and writers for centuries.  
 Рипол Классик

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### **Information Theory, Inference and Learning Algorithms** Digit Ratio

An expanded and updated second edition comprehensively looks at macroevolution, integrating evolutionary processes at all levels to explain animal diversity.

*Genetics, Paleontology, and*

*Macroevolution* Oxford University Press

Communication in Autism adopts a multidisciplinary approach to explore one of the most common developmental disorders associated with communication impairment. Perhaps the most fascinating thing about communication in autism is that variation is as extreme as it could possibly be. While some individuals with

autism have age-appropriate language, a number have exceptional language skills; others have little or no spoken language. In between these extremes are individuals who experience significant linguistic impairments. These impairments can affect peer relations and literacy skills. The chapters in this volume provide comprehensive coverage of both the theoretical underpinnings and the practical aspects of autistic communication. The result is a volume that showcases the wide range of methodologies being used in this field of research. It is invaluable for scientists, service providers, parents, individuals with autism, and students learning about communication and autism (e.g., in psychology, speech pathology, and education).

**The Praeger Handbook of Transsexuality** Cambridge University Press

Class-tested and coherent, this textbook teaches classical and web information retrieval, including web search and the related areas of text classification and text clustering from basic concepts. It gives an up-to-date treatment of all aspects of the design and implementation of systems for gathering, indexing, and searching documents; methods for evaluating systems; and an introduction to the use of machine learning methods on text collections. All the important ideas are explained using examples and figures, making it perfect for introductory courses in information retrieval for advanced undergraduates and graduate students in computer science. Based on feedback from extensive classroom experience, the book has been carefully structured in order to make teaching more natural and effective. Slides and additional exercises (with solutions for lecturers) are also available through the book's supporting website to help course instructors prepare their lectures.

**Manual of Digital Earth** Academic Press

\* Treats LISP as a language for commercial applications, not a language for academic AI concerns. This could be considered to be a secondary text for the Lisp course that most schools teach. This would appeal to students who sat through a LISP course in college without quite getting it – so a "nostalgia" approach, as in "wow-lisp can be practical..." \* Discusses the Lisp programming model and environment. Contains an introduction to the language and gives a thorough overview of all of Common Lisp's main features. \* Designed for experienced programmers no matter what languages they may be coming from and written for a modern

audience—programmers who are familiar with languages like Java, Python, and Perl. \* Includes several examples of working code that actually does something useful like Web programming and database access.

**Laterality** John Benjamins Publishing Company

A clear and concise introduction and reference for anyone new to the subject of statistics.

**C++ Concurrency in Action** "O'Reilly Media, Inc."

The proceeding is a collection of research papers presented at the International Colloquium on Sports Science, Exercise, Engineering and Technology (ICoSSEET2014), a conference dedicated to address the challenges in the areas of sports science, exercise, sports engineering and technology including other areas of sports, thereby presenting a consolidated view to the interested researchers in the aforesaid fields. The goal of this conference was to bring together researchers and practitioners from academia and industry to focus on the scope of the conference and establishing new collaborations in these areas. The topics of interest are as follows but are not limited to: 1. Sports and Exercise Science • Sports Nutrition • Sports Biomechanics • Strength and Conditioning • Motor Learning and Control • Sports Psychology • Sports Coaching • Sports and Exercise Physiology • Sports Medicine and Athletic Trainer • Fitness and Wellness • Exercise Rehabilitation • Adapted Physical Activity / Disability Sport • Physical Education • Dance, Games and Play 2. Sports Engineering and Technology Application • Sports Equipment Mechanics • Athlete Analysis and Measurement • Instrumentation and Measurement in Sports • Fluid Dynamics in Sports • Computational Modeling in Sports 3. Sports Industry and Management • Sports Event • Sports Management • Sports Tourism • Sports Marketing • Sports Ethics and Law • Sports Sociology • Outdoor and Recreation Management • Inclusive Recreation • Leisure

**The Finger Ratio** Springer Nature

The true role of biology in determining sexual orientation is an oft-debated issue in both the popular media and scientific communities, and evaluating the literature on the topic can be daunting. Nature's Choice: What Science Reveals About the Biological Origins of Sexual Orientation offers both a comprehensive review of the scientific literature and a fresh perspective on this complex and politically charged subject. Respected researcher, speaker, and author Dr. Cheryl Weill offers readers

of all backgrounds an enlightening analysis of findings from over twenty years of research on the factor of biology in the determination of sexual orientation.

Nature's Choice: What Science Reveals About the Biological Origins of Sexual Orientation brilliantly distills complicated studies and research findings dealing with brain anatomy, genetics, sex-typical behavior in children, auditory, startle reflex, and many other areas. Spanning a wide range of important topics including human sexual development and the effects of hormones, Ellis and Ames' Gestational Neurohormonal Theory, the ins, outs, and implications of how scientific research is funded, and model of the role of testosterone in determining human sexuality, Nature's Choice: What Science Reveals About the Biological Origins of Sexual Orientation is an exciting book to educate and inspire readers from scientific and non-scientific backgrounds equally. *Aggression in the Sports World* Andrews UK Limited

Practical C++ Programming thoroughly covers: C++ syntax · Coding standards and style · Creation and use of object classes · Templates · Debugging and optimization · Use of the C++ preprocessor · File input/output.

**Advanced Bash Scripting Guide**

Greenwood Publishing Group

Behavioral correlates of hormones, emphasized by psychologists, have captured the attention of economists in the past years. Behavioral economists, in particular, have investigated the possible roles of hormones on economic decision making and behavior as well as social preferences and cognitive abilities. Testosterone, oxytocin, dopamine, serotonin and stress hormones are the foremost studied ones in economic contexts. Yet, the results are mixed and the relationship between hormones and economic behavior is under-investigated to this date. Hormone levels are measurable and manipulatable (e.g. activate, de-activate, block). The fact that the behavioral economics also employs experimental methodology makes it possible to observe both correlational and causal relationships between hormones and economic behavior. Since numerous environmental, social and biological factors interact with hormone fluctuations, capturing the true impacts of hormones on decisions and behavior is challenging. Manipulating hormone levels in the body is a method that is used to tackle this issue. Such studies compare observed behaviors of hormones or placebo administered participants to determine causal relationships. This Research Topic

welcomes the studies on the direct or indirect correlates of hormones on economic behavior and decision making to create new insights on the economic consequences of endocrine activity.

Neural Mechanisms Underlying Internet Gaming Disorder Oxford University Press, UK

The first comprehensive and statistically significant analysis of the predictive powers of each cross-cultural model, based on nation-level variables from a range of large-scale database sources such as the World Values Survey, the Pew Research Center, the World Bank, the World Health Organization, the UN Statistics Division, UNDP, the UN Office on Drugs and Crime, TIMSS, OECD PISA. Tables with scores for all culture-level dimensions in all major cross-cultural analyses (involving 20 countries or more) that have been published so far in academic journals or books. The book will be an invaluable resource to masters and PhD students taking advanced courses in cross-cultural research and analysis in Management, Psychology, Sociology, Anthropology, and related programs. It will also be a must-have reference for academics studying cross-cultural dimensions and differences across the social and behavioral sciences.

**Procedures for Testing Color Vision** Apress

Hormones, Brain and Behavior, Third Edition offers a state-of-the-art overview of hormonally-mediated behaviors, including an extensive discussion of the effects of hormones on insects, fish, amphibians, birds, rodents, and humans. Entries have been carefully designed to provide a valuable source of information for students and researchers in neuroendocrinology and those working in related areas, such as biology, psychology, psychiatry, and neurology. This third edition has been substantially restructured to include both foundational information and recent developments in the field. Continuing the emphasis on interdisciplinary research and practical applications, the book includes articles aligned in five main subject sections, with new chapters included on genetic and genomic techniques and clinical investigations. This reference provides unique treatment of all major vertebrate and invertebrate model systems with excellent opportunities for relating behavior to molecular genetics. The topics cover an unusual breadth (from molecules to ecophysiology), ranging from basic science to clinical research, making this reference of interest to a broad range of scientists in a variety of fields. Key Features \* Contributors from 16 different

countries and more than 70 institutions \* Unlike any other hormone reference on the market Hormones, Brain and Behavior addresses hormone effects in all major vertebrate and non-vertebrate models \* A timely, current reference on an emerging field with each chapter providing an in-depth exploration of the topic \* Discusses molecular aspects of hormone function, systems, development, and hormone-related diseases \* Addresses hormone effects in both the developing and adult nervous system Topics include: \* Mammalian and Non-mammalian Hormone-behavior Systems \* Cellular and Molecular Mechanisms of Hormone Actions on Behavior \* Development of Hormone-dependent Neuronal Systems \* Hormone/Behavior Relations of Clinical Importance

*The Implications of Embodiment* Elsevier  
Pulitzer Prize-winning author and astronomer Carl Sagan imagines the greatest adventure of all—the discovery of an advanced civilization in the depths of space. In December of 1999, a multinational team journeys out to the stars, to the most awesome encounter in human history. Who—or what—is out there? In *Cosmos*, Carl Sagan explained the universe. In *Contact*, he predicts its future—and our own.

**Growth and maturation in human biology and sports** Springer

Some classes of behaviors, including gambling, Internet gaming, and sexual behaviors, may lead to compulsive engagement for a minority of individuals. In extreme cases where individuals may feel unable to control these behaviors without external influence, these behaviors may be considered non-substance or behavioral addictions. Many such behaviors may occur predominantly online, such as gaming, social media, shopping, and pornography, and may be driven by constant accessibility via smartphone and other mobile device technologies. This Research Topic presents diverse papers on neurobiological evidence of behavioral addictions, encompassing gambling disorder, Internet-based disorders, including Internet gaming disorder and smartphone addiction, and compulsive sexual behaviors.

**Principles of Gender-Specific Medicine** Simon and Schuster

Anthropometry is the physical measurement of linear growth and body composition. In this handbook all facets and features of anthropometry are described. Each chapter includes applications to other areas of health and disease.

Asymmetry, Developmental Stability and

Evolution Elsevier

Digit Ratio Rutgers University Press

**Digit Ratio** Simon and Schuster

Fundamental arithmetic operations support virtually all of the engineering, scientific, and financial computations required for practical applications, from cryptography, to financial planning, to rocket science. This comprehensive reference provides researchers with the thorough understanding of number representations that is a necessary foundation for designing efficient arithmetic algorithms. Using the elementary foundations of radix number systems as a basis for arithmetic, the authors develop and compare alternative algorithms for the fundamental operations of addition, multiplication, division, and square root with precisely defined roundings. Various finite precision number systems are investigated, with the focus on comparative analysis of practically efficient algorithms for closed arithmetic operations over these systems. Each chapter begins with an introduction to its contents and ends with bibliographic notes and an extensive bibliography. The book may also be used for graduate teaching: problems and exercises are scattered throughout the text and a solutions manual is available for instructors.

**Introduction to Information Retrieval**

Springer Science & Business Media

Ever wanted to learn palmistry but been confused by the mumbo-jumbo? This no-nonsense book is for everyone and the most innovative approach to the subject in the last two hundred years. It draws on ground-breaking scientific research into individual fingerprint patterns, and is illustrated with images of actual hands, including those of Einstein, ex-UK prime minister Tony Blair and the hands of various celebrities. After only 24 hours of study, this book will enable you to see into the deepest realms of the human condition.

Palmistry: From Apprentice To Pro In 24 "O'Reilly Media, Inc."

Left-handedness has been connected to many different conditions, traits, and abilities. This is especially true for pathological syndromes, such as schizophrenia, along with learning disabilities and autism. The published research on handedness is vast and frequently contradictory, often raising more questions than providing answers. Questions such as: Is handedness genetic? Can handedness be changed? Are there consequences to training someone to switch handedness? Are there positive traits associated with left-handedness like creativity? Are there negative traits

associated with left-handedness like trouble reading maps? Is it abnormal to do some things right-handed and other things left-handed? Are the brains of left-handers different from the brains of right-handers? *Laterality: Exploring the Enigma of Left-Handedness* examines the research

conducted over the past 50 years with special emphasis on twenty-first century research on handedness and translates this literature into an accessible and readable form. Each chapter is based on a question or questions covering diverse topics such as genetic and biological origins of handedness, familial and

hormonal influences on handedness, and the effects of a majority right-handed world on the behaviors of left-handers. Summarizes scientific research on laterality Separates fact from fiction in common beliefs about laterality Includes illustrative interviews with left-handers