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The author of the phenomenal # 1 New York Times bestseller Men Are from Mars, Women Are from Venus, John Gray has helped millions of men and women achieve lasting love and happiness. Now he turns his wisdom and expertise to one of the most sensitive and essential issues in a relationship: sex. In Mars and Venus in the Bedroom, he explains how we can use advanced relationship skills to keep the fires of passion burning and achieve much greater intimacy. Romance can thrive when we accept that men and women have very different, yet complementary, emotional and physical needs. Dr. Gray shows us how we can make small but important adjustments in our attitudes, schedules, and techniques so that both partners are happy in the bedroom -- and in the relationship. From learning advanced skills for greater sex to achieving greater confidence in the bedroom, discovering the joy of quickies to rekindling the passion and keeping romance alive, John Gray has the answers for you. Compiles top research from the world's leading experts on many topics related to electronic commerce. Covers topics including mobile commerce, virtual enterprises, business-to-business applications, Web services, and enterprise methodologies. Intended to support the national initiative to strengthen learning in areas of science, technology, engineering, and mathematics, this book helps librarians who

work with youth in school and public libraries to build better collections and more effectively use these collections through readers' advisory and programming. • Introduces more than 500 STEM resource suggestions for toddlers to young adults • Highlights more than 25 detailed library program or activity suggestions to be paired with STEM book titles • Provides resource suggestions for professional development • Contains bonus sections on STEM-related graphic novels, apps, and other media

Explores broadband adoption and the digital divide through a global perspective. Presents research on constructs such as relative advantage, utilitarian outcomes, hedonic outcomes, and service quality. Provides multicultural insight into what factors influence consumers' decisions to adopt broadband.

Both beginning/novice amateur astronomers (at the level of *Astronomy and Night Sky* magazine readers), as well as more advanced amateur astronomers (level of *Sky and Telescope*) will find this book invaluable and fascinating. It includes detailed up-to-date information on sources, selection and use of virtually every major type, brand and model of such instruments on today's market. The book also includes details on the latest released telescope lines, e.g. the 10-, 12-, 14- and 16-inch aperture models of the Meade LX-R series. As a former editor for *Sky & Telescope*, *Astronomy*, and *Star & Sky* magazines, the author is the ideal person to write this book.

This document presents Mars Global Reference Atmospheric Model 2001 Version (Mars-GRAM 2001) and its new features. As with the previous version (mars-2000), all parameterizations for temperature, pressure, density, and winds versus height, latitude, longitude, time of day, and season (Ls) use input data tables from NASA Ames Mars General Circulation Model (MGCM) for the surface through 80-km altitude and the University of Arizona Mars Thermospheric General Circulation Model (MTGCM) for 80 to 70 km. Mars-GRAM 2001 is based on topography from the Mars Orbiter Laser Altimeter (MOLA) and includes new MGCM data at the topographic surface. A new auxiliary program allows Mars-GRAM output to be

used to compute shortwave (solar) and longwave (thermal) radiation at the surface and top of atmosphere. This memorandum includes instructions on obtaining Mars-GRAM source code and data files and for running the program. It also provides sample input and output and an example for incorporating Mars-GRAM as an atmospheric subroutine in a trajectory code. Justus, C. G. and Johnson, D. L. Marshall Space Flight Center MARS ATMOSPHERE; ATMOSPHERIC GENERAL CIRCULATION MODELS; MARS SURFACE; PARAMETERIZATION; ATMOSPHERIC MODELS; ATMOSPHERIC CIRCULATION; TOPOGRAPHY; THERMOSPHERE; LONG WAVE RADIATION; TRAJECTORIES This book constitutes the refereed proceedings of the Third International Conference on Intelligent Text Processing and Computational Linguistics, CICLing 2002, held in Mexico City, Mexico in February 2002. The 44 revised papers presented together with four invited papers were carefully reviewed and selected from a total of 67 submissions. The papers are organized in topical sections on semantics, word sense disambiguation, anaphora, syntax and parsing, part of speech tagging, lexicon and corpus, text generation, morphology, speech, spelling, information extraction and information retrieval, summarization, text mining, and text classification and categorization, document processing, and demo descriptions. The Cancun User's Guide contains 204 densely packed pages of independent, honest advice, recommendations and cultural information about Cancun and Mexico by an American family living here since 1981. Written in a clear, popular style, and illustrated with photographs, drawings and maps, it will help you save money and have more fun when visiting Cancun. It's also funny and heartwarming, written by celebrated author Jules Siegel, whose works have appeared in Playboy, Rolling Stone, Best American Short Stories and many other publications. Completely updated for 2005! The Cancun User's Guide is the only independent locally-produced guide! Utilizes a travel guide format to bring together recent scientific discoveries about

Mars, describing such features as its dry riverbeds, huge volcano, possible ancient sea floor, and impact craters. Precision Agriculture presents the latest scientific results from worldwide research, field studies and practical application. The book contains peer-reviewed papers that were presented at the 4th European Conference on Precision Agriculture. The papers focus on precision agriculture research containing interdisciplinary site analysis, integrative measures and management strategies as well as on practical applications. The economic and environmental effects of implementing the precision agriculture concept are featured in many of them. The unique feature of the fourth conference was that it was held in parallel with the 1st European Conference on Precision Livestock Farming - the links between both technologies were drawn and the possible interactions between them were shown for the first time. The potential is to integrate both technologies to encompass the whole farm. Peer-reviewed papers from the Precision Livestock conference are presented in a companion proceedings, Precision Livestock Farming.

Computers and Astrology - ISBN 0-9624648-1-3

Computers and Astrology is a unique keep-by-your-computer reference for astrologers. There is no other book of its kind that tells you in graphic detail the many options available in today's high-powered astrological computing programs. Here you can find answers to such questions as: what's the difference between the 20+ different house systems - and which one is best to use when? What are progressed angles and primary directions? What is the significance of planetary patterns such as kite, grand cross, yod, etc. How to read a 90° sort graphic ephemeris? The answers are all here - often graphically with over 100 diagrams and tables to clarify confusing concepts. Computers and Astrology is actually four books in one: (1) a Universal Software User's Guide that describes the many options available when electronically casting charts. This section includes examples of chart output types, house systems, coordinates, points, city databases, ephemeris, asteroids, uranians and more; (2) a

software comparison methodology that explains how to assess commercially available astrology programs to find the most suitable one based upon your needs and budget, (3) an astrological dictionary that offers an encyclopedia presentation of hard to find astrology and astronomy related facts and definitions; (4) information useful for casting charts such as time zones, major life transits, and a listing of over 1,000 major world city coordinates. Software programs evolve daily, but almost all the information in this book remains timelessly current. You can find more about Computers and Astrology, including the table of contents, This A-to-Z guide to the most common emergency situations, ailments, and injuries focuses on how to use household, herbal, and homeopathic remedies safely and effectively in combination with basic emergency-response procedures and protocols. LNCS volumes 2073 and 2074 contain the proceedings of the International Conference on Computational Science, ICCS 2001, held in San Francisco, California, May 27-31, 2001. The two volumes consist of more than 230 contributed and invited papers that reflect the aims of the conference to bring together researchers and scientists from mathematics and computer science as basic computing disciplines, researchers from various application areas who are pioneering advanced application of computational methods to sciences such as physics, chemistry, life sciences, and engineering, arts and humanitarian fields, along with software developers and vendors, to discuss problems and solutions in the area, to identify new issues, and to shape future directions for research, as well as to help industrial users apply various advanced computational techniques. Mars Global Reference Atmospheric Model (Mars-GRAM) Version 3.8 is presented and its new features are discussed. Mars-GRAM uses new values of planetary reference ellipsoid radii, gravity term, and rotation rate (consistent with current JPL values) and includes centrifugal effects on gravity. The model now uses NASA Ames Global Circulation Model low resolution topography. Curvature corrections are applied to winds and limits based on

speed of sound are applied. Altitude of the F1 ionization peak and density scale height, including effects of change of molecular weight with altitude are computed. A check is performed to disallow temperatures below CO₂ sublimation. This memorandum includes instructions on obtaining Mars-GRAM source code and data files and running the program. Sample input and output are provided. An example of incorporating Mars-GRAM as an atmospheric subroutine in a trajectory code is also given.

Justus, C. G. and James, B. F. Marshall Space Flight Center
MARS (PLANET); MARS ATMOSPHERE; ATMOSPHERIC TEMPERATURE; ATMOSPHERIC MODELS; ATMOSPHERIC DENSITY; SUBROUTINES; USER MANUALS (COMPUTER PROGRAMS); COMPUTER AIDED TOMOGRAPHY; TOPOGRAPHY

These proceedings include the written version of 130 papers presented at the International Association of Geodesy IAG2009 "Geodesy for Planet Earth" Scientific Assembly. It was held 31 August to 4 September 2009 in Buenos Aires, Argentina. The theme "Geodesy for Planet Earth" was selected to follow the International Year of Planet Earth 2007-2009 goals of utilizing the knowledge of the world's geoscientists to improve society for current and future generations. The International Year started in January 2007 and ran thru 2009 which coincided with the IAG2009 Scientific Assembly, one of the largest and most significant meetings of the Geodesy community held every 4 years. The IAG2009 Scientific Assembly was organized into eight Sessions. Four of the Sessions of IAG2009 were based on the IAG Structure (i.e. one per Commission) and covered Reference Frames, Gravity Field, Earth Rotation and Geodynamics, and Positioning and Applications. Since IAG2009 was taking place in the great Argentine city of Buenos Aires, a Session was devoted to the Geodesy of Latin America. A Session dedicated to the IAG's Global Geodetic Observing System (GGOS), the primary observing system focused on the multidisciplinary research being done in Geodesy that contributes to important societal issues such as monitoring global climate

change and the environment. A Session on the IAG Services was also part of the Assembly detailing the important role they play in providing geodetic data, products, and analysis to the scientific community. A final Session devoted to the organizations ION, FIG, and ISPRS and their significant work in navigation and earth observation that complements the IAG. This book offers a comprehensive introductory guide to "choosing and using" a series LXD55 or LXD75 computer-controlled ("goto") telescope, containing a wealth of useful information for both beginners and more advanced practical amateur astronomers. The manufacturer's manuals are not nearly detailed enough to be of real help to beginners. No other book offers advanced techniques for more experienced LXD series users. If you have ever wondered about space travel, now you have the opportunity to understand it more fully than ever before. Traveling into space and even emigrating to nearby worlds may soon become part of the human experience. Scientists, engineers, and investors are working hard to make space tourism and colonization a reality. As astronauts can attest, extraterrestrial travel is incomparably thrilling. To make the most of the experience requires serious physical and mental adaptations in virtually every aspect of life, from eating to intimacy. Everyone who goes into space sees Earth and life on it from a profoundly different perspective than they had before liftoff. Astronomer and former NASA/ASEE scientist Neil F. Comins has written the go-to book for anyone interested in space exploration. He describes the wonders that travelers will encounter—weightlessness, unparalleled views of Earth and the cosmos, and the opportunity to walk on another world—as well as the dangers: radiation, projectiles, unbreathable atmospheres, and potential equipment failures. He also provides insights into specific trips to destinations including suborbital flights, space stations, the Moon, asteroids, comets, and Mars—the top candidate for colonization. Although many challenges are technical, Comins outlines them in clear language for all

readers. He synthesizes key issues and cutting-edge research in astronomy, physics, biology, psychology, and sociology to create a complete manual for the ultimate voyage. This book demystifies the jargon of webcams and computer processing, and provides detailed hints and tips for imaging the Sun, Moon and planets with a webcam. It demonstrates how inexpensive tools are revolutionizing imaging in amateur astronomy. Anyone with a modest telescope and a webcam can now obtain jaw-dropping lunar and planetary images to rival those taken with mid-range astronomical CCD cameras costing thousands of dollars. A glance through the images in this book shows just what spectacular results can be achieved by using a webcam with your telescope! Your scientific results will be sought by professional astronomers. Sensory scientists are often faced with making business decisions based on the results of complex sensory tests involving a multitude of variables. *Multivariate and Probabilistic Analyses of Sensory Science Problems* explains the multivariate and probabilistic methods available to sensory scientists involved in product development or maintenance. The techniques discussed address sensory problems such as panel performance, product profiling, and exploration of consumer data, including segmentation and identifying drivers of liking. Applied in approach and written for non-statisticians, the text is aimed at sensory scientists who deal mostly with descriptive analysis and consumer studies. *Multivariate and Probabilistic Analyses of Sensory Science Problems* offers simple, easy-to-understand explanations of difficult statistical concepts and provides an extensive list of case studies with step-by-step instructions for performing analyses and interpreting the results. Coverage includes a refresher on basic multivariate statistical concepts; use of common data sets throughout the text; summary tables presenting the pros and cons of specific methods and the conclusions that may be drawn from using various methods; and sample program codes to perform the analyses and sample outputs. As the latest member of the IFT Press series, *Multivariate and*

Probabilistic Analyses of Sensory Science Problems will be welcomed by sensory scientists in the food industry and other industries using similar testing methodologies, as well as by faculty teaching advanced sensory courses, and professionals conducting and participating in workshops addressing multivariate analysis of sensory and consumer data. Texture is one of the most important attributes used by consumers to assess food quality. With its distinguished editor and international team of contributors, this authoritative book summarises the wealth of recent research on what influences texture in solid foods and how it can be controlled to maximise product quality. The first part of the book reviews research on understanding how consumers experience texture when they eat, and how they perceive and describe key textural qualities such as crispness. Part two considers the instrumental techniques used for analysing texture. It includes chapters on force/deformation and sound input techniques, near infrared spectroscopy (NIR), nuclear magnetic resonance (NMR) and magnetic resonance imaging (MRI). The final part examines how the texture of particular foods may be better understood and improved. A number of chapters review ways of controlling the texture of fruits and vegetables, including the role of plant structure and compounds, the handling of raw materials and technologies such as freezing and vacuum infusion. A final group of chapters discuss the texture of cereal foods, including bread, rice, pasta and fried food. Texture in food Volume 2: Solid foods is a standard reference for the food industry. It is accompanied by a companion volume on the texture of semi-solid foods. Reviews developments in measuring the texture of solid foods Examines the influences on texture and ways of maintaining textural properties Written by an expert team of authors The unique Haynes insight into Mars, providing a sister title to Earth Manual and Moon Manual. The recent Ridley Scott/Matt Damon film The Martian, the discovery of water (ice) on the planet's surface and NASA's plans for manned Mars exploration have all made Mars cool again.. Haynes applies its

unique manual treatment to take a new look at the Red Planet. Michael Swanson's online discussions with literally thousands of NexStar owners made it clear that there was a desperate need for a book such as this – one that provides a complete, detailed guide to buying, using and maintaining NexStar telescopes. Although this book is highly comprehensive, it is suitable for beginners – there is a chapter on "Astronomy Basics" – and experts alike. Celestron's NexStar telescopes were introduced in 1999, beginning with their first computer controlled "go to" model, a 5-inch. More models appeared in quick succession, and Celestron's new range made it one of the two dominant manufacturers of affordable "go to" telescopes. "This multiple-volume publication advances the emergent field of mobile computing offering research on approaches, observations and models pertaining to mobile devices and wireless communications from over 400 leading researchers"--Provided by publisher. "Practical Intrusion Analysis provides a solid fundamental overview of the art and science of intrusion analysis." –Nate Miller, Cofounder, Stratum Security

The Only Definitive Guide to New State-of-the-Art Techniques in Intrusion Detection and Prevention

Recently, powerful innovations in intrusion detection and prevention have evolved in response to emerging threats and changing business environments. However, security practitioners have found little reliable, usable information about these new IDS/IPS technologies. In Practical Intrusion Analysis, one of the field's leading experts brings together these innovations for the first time and demonstrates how they can be used to analyze attacks, mitigate damage, and track attackers. Ryan Trost reviews the fundamental techniques and business drivers of intrusion detection and prevention by analyzing today's new vulnerabilities and attack vectors. Next, he presents complete explanations of powerful new IDS/IPS methodologies based on Network Behavioral Analysis (NBA), data visualization, geospatial analysis, and more. Writing for security practitioners and managers at all experience levels, Trost introduces new solutions for

virtually every environment. Coverage includes Assessing the strengths and limitations of mainstream monitoring tools and IDS technologies Using Attack Graphs to map paths of network vulnerability and becoming more proactive about preventing intrusions Analyzing network behavior to immediately detect polymorphic worms, zero-day exploits, and botnet DoS attacks Understanding the theory, advantages, and disadvantages of the latest Web Application Firewalls Implementing IDS/IPS systems that protect wireless data traffic Enhancing your intrusion detection efforts by converging with physical security defenses Identifying attackers' "geographical fingerprints" and using that information to respond more effectively Visualizing data traffic to identify suspicious patterns more quickly Revisiting intrusion detection ROI in light of new threats, compliance risks, and technical alternatives Includes contributions from these leading network security experts: Jeff Forristal, a.k.a. Rain Forest Puppy, senior security professional and creator of libwhisker Seth Fogie, CEO, Aircanner USA; leading-edge mobile security researcher; coauthor of Security Warrior Dr. Sushil Jajodia, Director, Center for Secure Information Systems; founding Editor-in-Chief, Journal of Computer Security Dr. Steven Noel, Associate Director and Senior Research Scientist, Center for Secure Information Systems, George Mason University Alex Kirk, Member, Sourcefire Vulnerability Research Team Underlying most of the IWANN calls for papers is the aim to reassume some of the motivations of the groundwork stages of biocybernetics and the later bionics formulations and to try to reconsider the present value of two basic questions.

The first is: "What does neuroscience bring into computation (the new bionics)?" That is to say, how can we seek inspiration in biology? Titles such as "computational intelligence", "artificial neural nets", "genetic algorithms", "evolutionary hardware", "evolutionary architectures", "embryonics", "sensory non-morphic systems", and "emotional robotics" are representatives of the present interest in "biological

electronics” (bionics). The second question is: “What can return computation to neuroscience (the new neurocybernetics)?” That is to say, how can mathematics, electronics, computer science, and artificial intelligence help the neurobiologists to improve their experimental data modeling and to move a step forward towards the understanding of the nervous system? Relevant here are the general philosophy of the IWANN conferences, the sustained interdisciplinary approach, and the global strategy, again and again to bring together physiologists and computer experts to consider the common and pertinent questions and the shared methods to answer these questions.

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