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A Dictionary of Abbreviations, Acronyms and Symbols in Astronomy and Related Space Sciences

Routledge

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A Critical Review of Interventions

Springer Science & Business Media

Worldwide, patterns of violence against women differ markedly from violence against men. For example, women are more likely than men to be sexually assaulted or killed by someone they know. The United Nations has defined violence against women as "gender-based" violence, to acknowledge that such violence is rooted in gender inequality and is often tolerated and condoned by laws, institutions, and community norms. Violence against women is not only a profound violation of human rights, but also a costly impediment to a country's national development. While gender-based violence occurs in many forms throughout the life cycle, this review focuses on two of the most common types-physical intimate partner violence and sexual violence by any perpetrator. Unfortunately, the knowledge base about effective initiatives to prevent and respond to gender-based violence is relatively limited. Few approaches have been rigorously evaluated, even in high-income countries. And such evaluations

involve numerous methodological challenges. Nonetheless, the authors review what is known about more and less effective-or at least promising-approaches to prevent and respond to gender-based violence. They present definitions, recent statistics, health consequences, costs, and risk factors of gender-based violence. The authors analyze good practice initiatives in the justice, health, and education sectors, as well as multisectoral approaches. For each of these sectors, they examine initiatives that have addressed laws and policies, institutional reforms, community mobilization, and individual behavior change strategies. Finally, the authors identify priorities for future research and action, including funding research on the health and socioeconomic costs of violence against women, encouraging science-based program evaluations, disseminating evaluation results across countries, promoting investment in effective prevention and treatment initiatives, and encouraging public-private partnerships. Elsevier

Because social media and technology companies rule the Internet, only a digital constitution can protect our rights online.

Understanding Digital Marketing

Kogan Page Publishers

Wireless sensor networks (WSN) are predicted to play a key role in future technological developments like the internet of things. Already they are beginning to be used in many applications not only in the scientific and industrial domains. One of the biggest challenges, when using WSN, is to fuse and evaluate data from different sensor nodes. Synchronizing the data

acquisition of the nodes is a key enabling factor for this. So far research has been focused on synchronizing the clocks of the nodes, largely neglecting the implications for the actual measurement results. This thesis investigates the relation between synchronization accuracy and quality of measurement results. Two different classes of time synchronous data acquisition are investigated: event detection and waveform sampling. A model is developed that describes a WSN as a generic multi-channel data acquisition system, thus enabling direct comparison to other existing systems. With the help of this model it is shown, that synchronization accuracy should best be expressed as uncertainty of the acquired timing information. This way, not only the contribution of the synchronization to the overall measurement uncertainty can be assessed, but also the synchronization accuracy required for an application can be estimated. The insights from the uncertainty analysis are used to develop two distinct approaches to synchronous data acquisition: a proactive and a reactive one. It is shown that the reactive approach can also be used to efficiently implement synchronous angular sampling, i.e. data acquisition synchronous to the rotation of a machine's shaft. Furthermore, testing methods are suggested, that evaluate the synchronized data acquisition of an existing WSN as a whole. These methods can be applied to other data acquisition systems without changes, thus enabling direct comparisons. The practical realization of a WSN is described, on which the developed data acquisition methods have been implemented. All implementations were thoroughly tested in experiments, using the suggested

testing methods. This way it was revealed, that a system's interrupt handling procedures may have a strong influence on the data acquisition. Furthermore, it was shown that the effective use of fixed-point arithmetic enables synchronous angular sampling in real-time during a streaming measurement. Finally, two application examples are used to illustrate the utility of the implemented data acquisition: the acoustic localization of two sensor nodes on a straight line and a simple order tracking at an induction motor test bench. Diese Dissertation untersucht die Zusammenhänge zwischen Synchronisationsgenauigkeit und Qualität der Messergebnisse. Zwei Klassen von zeitsynchroner Datenerfassung werden dabei betrachtet: die Detektion von Ereignissen und die Aufnahme von Kurvenformen. Es wird ein Modell entwickelt, welches ein WSN als ein allgemeines mehrkanaliges Datenerfassungssystem beschreibt. Dies ermöglicht den direkten Vergleich zwischen WSN und anderen Messsystemen. Weiter wird mit Hilfe des Modells gezeigt, dass die Synchronisationsgenauigkeit vorzugsweise als Unsicherheit der Zeitinformation angegeben werden sollte. Hierdurch kann nicht nur der Beitrag der Synchronisation zur gesamten Messunsicherheit bestimmt sondern auch die von einer Anwendung tatsächlich benötigte Synchronisationsgenauigkeit abgeschätzt werden. Ausgehend von den durch die Unsicherheitsbetrachtung gewonnenen Erkenntnissen werden ein proaktiver und ein reaktiver Ansatz zur synchronen Datenaufnahme entwickelt. Mit dem reaktiven Ansatz können Messdaten auch effizient

drehwinkelsynchron, d. h. synchron zur Drehbewegung einer Maschinenwelle, aufgenommen werden. Es werden Testverfahren vorgeschlagen, mit denen sich die Synchronizität der Datenerfassung für ein WSN als Ganzes überprüfen lässt. Diese Verfahren lassen sich unverändert auf andere Messsysteme anwenden und ermöglichen somit direkte Vergleiche. Es wird die praktische Umsetzung eines WSN beschrieben, auf dem die entwickelten Methoden zur Datenerfassung implementiert wurden. Alle Implementierungen wurden mit den vorgeschlagenen Testverfahren untersucht. Hierdurch konnte gezeigt werden, dass die Interrupt-Bearbeitung der Sensorknoten entscheidenden Einfluss auf die Messdatenerfassung hat. Weiter konnte durch den Einsatz von Fixed-Punkt-Arithmetik die drehwinkelsynchrone Datenerfassung in Echtzeit realisiert werden. Schließlich wird die Nützlichkeit der implementierten Datenerfassung an zwei Anwendungen gezeigt: der akustischen Ortung zweier Sensorknoten sowie einer einfachen Ordnungsanalyse.

From Words to Action Lulu.com

With about 200,000 entries, StarBriefs Plus represents the most comprehensive and accurately validated collection of abbreviations, acronyms, contractions and symbols within astronomy, related space sciences and other related fields. As such, this invaluable reference source (and its companion volume, StarGuides Plus) should be on the reference shelf of every library, organization or individual with any interest in these areas. Besides astronomy and associated space sciences, related fields such as aeronautics, aeronomy, astronautics, atmospheric sciences, chemistry, communications, computer sciences,

data processing, education, electronics, engineering, energetics, environment, geodesy, geophysics, information handling, management, mathematics, meteorology, optics, physics, remote sensing, and so on, are also covered when justified. Terms in common use and/or of general interest have also been included where appropriate.

Design and Implementation of Educational Games: Theoretical and Practical Perspectives Universitätsverlag der TU Berlin

Summary Go Web Programming teaches you how to build scalable, high-performance web applications in Go using modern design principles.

Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications.

About the Technology The Go language handles the demands of scalable, high-performance web applications by providing clean and fast compiled code, garbage collection, a simple concurrency model, and a fantastic standard library.

It's perfect for writing microservices or building scalable, maintainable systems.

About the Book Go Web Programming teaches you how to build web applications in Go using modern design principles. You'll learn how to implement the dependency injection design pattern for writing test doubles, use concurrency in web applications, and create and consume JSON and XML in web services.

Along the way, you'll discover how to minimize your dependence on external frameworks, and you'll pick up valuable productivity techniques for testing and deploying your applications. What's

Inside Basics Testing and benchmarking Using concurrency Deploying to

standalone servers, PaaS, and Docker Dozens of tips, tricks, and techniques

About the Reader This book assumes

you're familiar with Go language basics and the general concepts of web development. About the Author Sau Sheong Chang is Managing Director of Digital Technology at Singapore Power and an active contributor to the Ruby and Go communities. Table of Contents
 PART 1 GO AND WEB APPLICATIONS Go and web applications Go ChitChat
 PART 2 BASIC WEB APPLICATIONS Handling requests Processing requests Displaying content Storing data
 PART 3 BEING REAL Go web services Testing your application Leveraging Go concurrency Deploying Go

Issue 149611 December 14 2005

Psychology Press

Digital marketing now represents 25% of the marketing spend in the UK and this is predicted to move to 50% or higher within the next three years.

Understanding Digital Marketing looks at the world of digital marketing: how it got started, how it got to where it is today, and where the thought leaders in the industry believe it is headed in the future. This authoritative title demonstrates how to harness the power of digital media and use it to achieve the utmost success in business, now and in the future. Understanding Digital Marketing deals with every key topic in detail, including: search marketing, social media, Google, mobile marketing, affiliate marketing, e-mail marketing, customer engagement and digital marketing strategies. Essential reading for both practitioners and students alike, and including real-world examples of digital marketing successes and expert opinions, Understanding Digital Marketing provides you with tools to utilize the power of the internet to take your company wherever you want it to go.

The Coding Manual for Qualitative

Researchers IDRC

This heartbreaking, hilarious, and brutally honest memoir shares the deeply personal life story of a girl next door and her transformation into a household name. For more than forty years, Katie Couric has been an iconic presence in the media world. In her brutally honest, hilarious, heartbreaking memoir, she reveals what was going on behind the scenes of her sometimes tumultuous personal and professional life - a story she's never shared, until now. Of the medium she loves, the one that made her a household name, she says, "Television can put you in a box; the flat-screen can flatten. On TV, you are larger than life but smaller, too. It is not the whole story, and it is not the whole me. This book is." Beginning in early childhood, Couric was inspired by her journalist father to pursue the career he loved but couldn't afford to stay in. Balancing her vivacious, outgoing personality with her desire to be taken seriously, she overcame every obstacle in her way: insecurity, an eating disorder, being typecast, sexism . . . challenges, and how she dealt with them, setting the tone for the rest of her career. Couric talks candidly about adjusting to sudden fame after her astonishing rise to co-anchor of the TODAY show, and guides us through the most momentous events and news stories of the era, to which she had a front-row seat: Rodney King, Anita Hill, Columbine, the death of Princess Diana, 9/11, the Iraq War . . . In every instance, she relentlessly pursued the facts, ruffling more than a few feathers along the way. She also recalls in vivid and sometimes lurid detail the intense pressure on female anchors to snag the latest "get"—often sensational tabloid stories like Jon Benet Ramsey, Tonya

Harding, and OJ Simpson. Couric's position as one of the leading lights of her profession was shadowed by the shock and trauma of losing her husband to stage 4 colon cancer when he was just 42, leaving her a widow and single mom to two daughters, 6 and 2. The death of her sister Emily, just three years later, brought yet more trauma—and an unwavering commitment to cancer awareness and research, one of her proudest accomplishments. Couric is unsparing in the details of her historic move to the anchor chair at the CBS Evening News—a world rife with sexism and misogyny. Her “welcome” was even more hostile at 60 Minutes, an unrepentant boys club that engaged in outright hazing of even the most established women. In the wake of the MeToo movement, Couric shares her clear-eyed reckoning with gender inequality and predatory behavior in the workplace, and downfall of Matt Lauer—a colleague she had trusted and respected for more than a decade. Couric also talks about the challenge of finding love again, with all the hilarity, false-starts, and drama that search entailed, before finding her midlife Mr. Right. Something she has never discussed publicly—why her second marriage almost didn't happen. If you thought you knew Katie Couric, think again. *Going There* is the fast-paced, emotional, riveting story of a thoroughly modern woman, whose journey took her from humble origins to superstardom. In these pages, you will find a friend, a confidante, a role model, a survivor whose lessons about life will enrich your own.

Dying to be Men WHO

This guidance entitled *Integrating Gender Equality and Women's Empowerment in CSA Programs* focuses

on a set of agricultural practices to be implemented by small-scale food producers in developing countries. The purpose of this document is to provide agriculture development practitioners and policy makers globally, with guidance, tools and examples of successful integration of gender equality and women's empowerment (GEWE) into climate smart agriculture (CSA) work, by demonstrating the necessity and benefits of incorporating a GEWE approach in CSA work; and presenting tested strategies for enhancing the engagement of women and particularly vulnerable groups in CSA work. With a view towards accelerating the impacts of country programs, FAO and CARE have partnered to develop this guidance to help policy makers and practitioners meet the ambitious goals of the SDGs and the 2030 Agenda.

Ending Violence Against Women

Oxford University Press

"This book will give readers a solid understanding of issues in educational game design and deployment in the classroom"--Provided by publisher.

Distributed Control of Robotic Networks

Intl Food Policy Res Inst

The Second Edition of Johnny Saldaña's international bestseller provides an in-depth guide to the multiple approaches available for coding qualitative data.

Fully up to date, it includes new chapters, more coding techniques and an additional glossary. Clear, practical and authoritative, the book: -describes how coding initiates qualitative data analysis -demonstrates the writing of analytic memos -discusses available analytic software -suggests how best to use *The Coding Manual for Qualitative Researchers* for particular studies. In total, 32 coding methods are profiled that can be applied to a range of

research genres from grounded theory to phenomenology to narrative inquiry. For each approach, Saldaña discusses the method's origins, a description of the method, practical applications, and a clearly illustrated example with analytic follow-up. A unique and invaluable reference for students, teachers, and practitioners of qualitative inquiry, this book is essential reading across the social sciences.

Parliamentary Debates (Hansard) Taylor & Francis

A tightly argued and expansive examination of the pitfalls of transhumanism that reacquaints us with what it means to live well. Advocates of transhumanism, or "radical" enhancement, urge us to pursue the biotechnological heightening of select capacities - above all, cognitive ability - so far beyond any human limit that the beings with those capacities would exist on a higher ontological plane. For proponents of such views, humanity's self-transcendence through advancements in science and technology may even be morally required. Consequently, the human stakes of how we respond to transhumanism are immeasurably high. In *Posthuman Bliss? The Failed Promise of Transhumanism*, Susan B. Levin challenges transhumanists' overarching commitments regarding the mind and brain, ethics, liberal democracy, knowledge, and reality, showing their notion of humanity's self-transcendence into "posthumanity" to be little more than fantasy. Uniting philosophical with scientific arguments, Levin mounts a significant challenge to transhumanists' claim that science and technology support their vision of posthumanity. In a clear and engaging style, she dismantles transhumanists' breezy assurances that

posthumans will emerge if we but allocate sufficient resources to that end. Far from offering theoretical and practical "proof of concept" for the vision that they urge upon us, Levin argues, transhumanists engage inadequately with cognitive psychology, biology, and neuroscience, often relying on questionable or outdated views within those fields. Having shown in depth why transhumanism should be rejected, Levin argues forcefully for a holistic perspective on living well that is rooted in Aristotle's virtue ethics but that is adapted to liberal democracy. This holism is thoroughly human, in the best of senses: It directs us to consider worthy ends for us as human beings and to do the irreplaceable work of understanding ourselves rather than relying on technology and science to be our salvation.

Electronic Filter Design Handbook

Graphic Communications Group

This enlightening book brings together the work of gender and forestry specialists from various backgrounds and fields of research and action to analyse global gender conditions as related to forests. Using a variety of methods and approaches, they build on a spectrum of theoretical perspectives to bring depth and breadth to the relevant issues and address timely and understudied themes. Focusing particularly on tropical forests, the book presents both local case studies and global comparative studies from Africa, Asia, and Latin America, as well as the US and Europe. The studies range from personal histories of elderly American women's attitudes toward conservation, to a combined qualitative / quantitative international comparative study on REDD+, to a longitudinal examination of oil palm and gender roles over time in

Kalimantan. Issues are examined across scales, from the household to the nation state and the global arena; and reach back to the past to inform present and future considerations. The collection will be of relevance to academics, researchers, policy makers and advocates with different levels of familiarity with gender issues in the field of forestry.

From Poverty to Power Oxfam

Based on field research and interviews in the USA and Brazil, 'Dying to be Men' explores how manhood or male identity is shaped in poor urban settings, how it is that some young men resist the prevailing norms, what the implications are for social policy and what are the most important forms of intervention.

PC Mag Cambridge University Press

Still the number one resource for designers in the field, the Third Edition of this classic Handbook is extensively revised and updated to reflect the enormous recent advances in electronic filter design... while maintaining the overall emphasis on practi

A Critical Reflexive Approach to Sex Research Food & Agriculture Org.

A Critical Reflexive Approach to Sex Research is a methodologically focused book that offers rich insights into the, often secret, subjectivities of men who pay for sex in South Africa. The book centres on the interview context, outlining a critical reflexive approach to understanding how knowledge is co-produced by both the interviewer and the participant in research about sex. By attending to the complex dynamics of the research interview, this book examines the historic and contemporary relationship between sex work, race, coloniality, sexuality, masculinity, femininity, whorephobia, and discourses of disease and contagion. It draws on

both empirical interview data and Huysamen's entries in her research journal to offer a unique approach to building critical reflexivity into every phase of the research process. The critical reflexive approach uses an assemblage of poststructuralist and psychoanalytic theories and practices which together provide tools to interrogate how interview dynamics facilitate, shape, and restrain the meaning that is produced within the interview. This book will be a valuable resource for anyone interested in researching sex work from intersectional and feminist decolonial perspectives as it probes critical questions surrounding how men make meaning of paying for sex, their motivations for doing so, and how they negotiate their identities in relation to this stigmatised practice. It provides a unique offering to researchers working on sexual, secret, and stigmatised topics, providing them with a specific set of tools and resources to incorporate reflexivity into their own sex research. Encouraging the reader to look widely to draw on an array of theories and frameworks across disciplines, this is fascinating reading for students and researchers in critical psychology, research methods, and the social sciences.

Violence Against Women SAGE

Since 2000, IOM has been producing world migration reports. The World Migration Report 2020, the tenth in the world migration report series, has been produced to contribute to increased understanding of migration throughout the world. This new edition presents key data and information on migration as well as thematic chapters on highly topical migration issues, and is structured to focus on two key contributions for readers: Part I: key

information on migration and migrants (including migration-related statistics); and Part II: balanced, evidence-based analysis of complex and emerging migration issues.

DSP Integrated Circuits IGI Global
 Food losses are a major concern and occur in most fish distribution chains worldwide. Not only do losses constitute lost income to fishers, processors, and traders, but they also contribute to food insecurity. Progress has been made in identifying the direct causes of fish losses and quantifying the magnitude of the loss. However, loss reduction strategies have tended to focus on technological solutions and hence have overlooked the relevance of socio-economic factors, including gender relations, that influence the functioning of the fisheries value chain. This document provides guidance on integrating gender concerns into food loss interventions within the fish value chains. It describes the different steps to understand the key components of a gender-sensitive food loss value chain analysis. In particular, it recommends highlighting the dynamics and factors that influence women's and men's natural social disposition and participation in fisheries activities according to dominant assigned gender roles. While addressing the existing knowledge gaps and contributing to the development of an approach tailored to African small-scale fish value chains, this document also provides introductory information on the application of the FAO Gender-Responsive Fish Loss Assessment Methodology (GRFLAM). *2019 Annual trends and outlook report: Gender equality in rural Africa: From commitments to outcomes* Routledge
 Gender-sensitive policy and programming have an integral role to

play in fostering inclusive agricultural growth to meet the commitments of African countries to the Malabo Declaration goals. The 2019 Annual Trends and Outlook Report from ReSAKSS applies a gender lens to key issues that must be addressed to fully achieve these goals. Chapters examine the intersections between gender and (1) the context and institutions within which rural people operate; (2) the natural resources that men and women depend on for agriculture, sources of vulnerability, and resilience to shocks; (3) assets and income; and (4) livelihood strategies and well-being. The report serves as the official M&E report for the Comprehensive Africa Agriculture Development Programme (CAADP), tracking progress on over 30 CAADP indicators.

Posthuman Bliss? Synchronous data acquisition with wireless sensor networks

Information in today's advancing world is rapidly expanding and becoming widely available. This eruption of data has made handling it a daunting and time-consuming task. Natural language processing (NLP) is a method that applies linguistics and algorithms to large amounts of this data to make it more valuable. NLP improves the interaction between humans and computers, yet there remains a lack of research that focuses on the practical implementations of this trending approach. *Neural Networks for Natural Language Processing* is a collection of innovative research on the methods and applications of linguistic information processing and its computational properties. This publication will support readers with performing sentence classification and language generation using neural networks, apply deep

learning models to solve machine translation and conversation problems, and apply deep structured semantic models on information retrieval and natural language applications. While highlighting topics including deep learning, query entity recognition, and information retrieval, this book is ideally

designed for research and development professionals, IT specialists, industrialists, technology developers, data analysts, data scientists, academics, researchers, and students seeking current research on the fundamental concepts and techniques of natural language processing.