e voting system specification and design document

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Explore the comprehensive e-voting system specification and design document, detailing the architectural considerations, functional requirements, and implementation guidelines for developing a secure, reliable, and transparent electronic voting solution critical for modern democratic processes.

E-voting System: Specification and Design Document

by J Brown · 2003 — This electronic voting system will enable an eligible voter to vote at any polling site statewide during an election period. Glossary of Terms.

design and implementation of an e-voting system

27 Mar 2020 — PDF | Fundamental right to vote or simply voting in elections forms the basis of democracy. The conduct of periodic, competitive, ...

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The system can be minimized by using e-KTP and fingerprint identification as data validation as well as a web-based information that is easily accessible to ...

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28 Jan 2016 — 4 Introduction: Overview E-Voting is an electronic system for polling. Voter. 5 Objective The key point of developing this project is to ...

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However, there have been countless reported cases of eligible voters being unable or prevented from exercising their right to vote as stated in the ...

Electronic voting systems: Requirements, design, and ...

The project will bring transparency in the voting process by assuring the voters that their votes will be in favour of the candidates of their choice and also ...

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This document presents a proposal for a student e-voting system at Makerere University College of Computing and Information Science.

Design And E-Voting Information System Based Web ...

by RDY Sari · 2018 — Elections of regional heads is the local election process is based on a majority vote. While voting (voting) is one of the stages of elections.

Software Requirements Specification E-Elections ...

The Pericles package will also include the software needed by voters to register their votes using computers connected to a distributed network. The server will ...

Chapter 2.2: Building the System for E-voting or E- counting

International standards for democratic elections defined in public international law apply equally to elections using electronic voting and counting ...

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CONSTRUCTION EQUIPMENT AND METHODS Course ...

by I Assakkaf · 2003 · Cited by 4 — “Learn how to apply engineering fundamentals and analyses to the planning, selection, and utilization of construction equipment.” Objectives. CHAPTER 0.

chapter-8 (Construction Equipment)

Advantages of utilizing the construction equipments: Increase the rate of output through work progress with the best effective and efficient methods. Reduce ...

Chapter 1 Introduction to Construction Equipments

The common types of construction equipments to be discussed in this chapter are: ... Construction Planning, Equipments and Methods, Peurifoy, 7 th edition ...

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Chapter 1 | Unduh gratis PDF | Heavy Equipment

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Chapter 8 introduction to construction equipments | PPT

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EBOOK: Construction, planning, equipment and methods

16 Jun 2010 — Chapter 1: Machines Make it Possible Chapter 2: Equipment Economics Chapter 3: Planning for Earthwork Construction Chapter 4: Soil and Rock

Psychological and Behavioral Examinations in Cyber Security

Cyber security has become a topic of concern over the past decade. As many individual and organizational activities continue to evolve digitally, it is important to examine the psychological and behavioral aspects of cyber security. Psychological and Behavioral Examinations in Cyber Security is a critical scholarly resource that examines the relationship between human behavior and interaction and cyber security. Featuring coverage on a broad range of topics, such as behavioral analysis, cyberpsychology, and online privacy, this book is geared towards IT specialists, administrators, business managers, researchers, and students interested in online decision making in cybersecurity.

Behavioral Cybersecurity

This book discusses the role of human personality in the study of behavioral cybersecurity for non-specialists. Since the introduction and proliferation of the Internet, cybersecurity maintenance issues have grown exponentially. The importance of behavioral cybersecurity has recently been amplified by current events, such as misinformation and cyber-attacks related to election interference in the United States and internationally. More recently, similar issues have occurred in the context of the COVID-19 pandemic. The book presents profiling approaches, offers case studies of major cybersecurity events and provides analysis of password attacks and defenses. Discussing psychological methods used to assess behavioral cybersecurity, alongside risk management, the book also describes game theory and its applications, explores the role of cryptology and steganography in attack and defense scenarios and brings the reader up to date with current research into motivation and attacker/defender personality traits. Written for practitioners in the field, alongside nonspecialists with little prior knowledge of cybersecurity, computer science, or psychology, the book will be of interest to all who need to protect their computing environment from cyber-attacks. The book also provides source materials for courses in this growing area of behavioral cybersecurity.

The Psychology of Information Security

The Psychology of Information Security – Resolving conflicts between security compliance and human behaviour considers information security from the seemingly opposing viewpoints of security professionals and end users to find the balance between security and productivity. It provides recommendations on aligning a security programme with wider organisational objectives, successfully managing change and improving security culture .

Psychosocial Dynamics of Cyber Security

This new volume, edited by industrial and organizational psychologists, will look at the important topic of cyber security work in the US and around the world. With contributions from experts in the fields of industrial and organizational psychology, human factors, computer science, economics, and applied anthropology, the book takes the position that employees in cyber security professions must maintain attention over long periods of time, must make decisions with imperfect information with the potential to exceed their cognitive capacity, may often need to contend with stress and fatigue, and must frequently interact with others in team settings and multiteam systems. Consequently, psychosocial dynamics become a critical driver of cyber security effectiveness. Chapters in the book reflect a multilevel perspective (individuals, teams, multiteam systems) and describe cognitive, affective and behavioral inputs, processes and outcomes that operate at each level. The book chapters also include contributions from both research scientists and cyber security policy-makers/professionals to promote a strong scientist-practitioner dynamic. The intent of the book editors is to inform both theory and practice regarding the psychosocial dynamics of cyber security work.

Behavioral Cybersecurity

Since the introduction and proliferation of the Internet, problems involved with maintaining cybersecurity has grown exponentially, and have evolved into many forms of exploitation. Yet, Cybersecurity has had far too little study and research. Virtually all of the Research that has taken place in cybersecurity over many years, has been done by those with computer science, electrical engineering, and mathematics

backgrounds. However, many cybersecurity researchers have come to realize that to gain a full understanding of how to protect a cyber environment requires not only the knowledge of those researchers in computer science, engineering and mathematics, but those who have a deeper understanding of human behavior: researchers with expertise in the various branches of behavioral science, such as psychology, behavioral economics, and other aspects of brain science. The authors, one a computer scientist and the other a psychologist, have attempted over the past several years to understand the contributions that each approach to cybersecurity problems can benefit from this integrated approach that we have tended to call "behavioral cybersecurity." The authors believe that the research and curriculum approaches developed from this integrated approach provide a first book with this approach to cybersecurity. This book incorporates traditional technical computational and analytic approaches to cybersecurity, and also psychological and human factors approaches, as well. Features Discusses profiling approaches and risk management Includes case studies of major cybersecurity events and "Fake News" Presents analyses of password attacks and defenses Addresses game theory, behavioral economics and their application to cybersecurity Supplies research into attacker/defender personality and motivation traits Techniques for measuring cyber attacks/defenses using crypto and stego

Cognition, Behavior and Cybersecurity

Emerging Cyber Threats and Cognitive Vulnerabilities identifies the critical role human behavior plays in cybersecurity and provides insights into how human decision-making can help address rising volumes of cyberthreats. The book examines the role of psychology in cybersecurity by addressing each actor involved in the process: hackers, targets, cybersecurity practitioners and the wider social context in which these groups operate. It applies psychological factors such as motivations, group processes and decision-making heuristics that may lead individuals to underestimate risk. The goal of this understanding is to more quickly identify threat and create early education and prevention strategies. This book covers a variety of topics and addresses different challenges in response to changes in the ways in to study various areas of decision-making, behavior, artificial intelligence, and human interaction in relation to cybersecurity. Explains psychological factors inherent in machine learning and artificial intelligence Discusses the social psychology of online radicalism and terrorist recruitment Examines the motivation and decision-making of hackers and "hacktivists" Investigates the use of personality psychology to extract secure information from individuals

Emerging Cyber Threats and Cognitive Vulnerabilities

Advances in digital and other technologies have provided ample positive impacts to modern society; however, in addition to such benefits, these innovations have inadvertently created a new venue for terrorist activities. Examining violent extremism through a critical and academic perspective can lead to a better understanding of its foundations and implications. Violent Extremism: Breakthroughs in Research and Practice is a critical source of academic knowledge on the social, psychological, and political aspects of radicalization and terrorist recruitment. Highlighting a range of pertinent topics such as counterterrorism, propaganda, and online activism, this publication is an ideal reference source for researchers, analysts, intelligence officers, policymakers, academicians, researchers, and graduate-level students interested in current research on violent extremism.

Violent Extremism: Breakthroughs in Research and Practice

The growth of innovative cyber threats, many based on metamorphosing techniques, has led to security breaches and the exposure of critical information in sites that were thought to be impenetrable. The consequences of these hacking actions were, inevitably, privacy violation, data corruption, or information leaking. Machine learning and data mining techniques have significant applications in the domains of privacy protection and cybersecurity, including intrusion detection, authentication, and website defacement detection, that can help to combat these breaches. Applications of Machine Learning and Deep Learning for Privacy and Cybersecurity provides machine and deep learning methods for analysis and characterization of events regarding privacy and anomaly detection as well as for establishing predictive models for cyber attacks or privacy violations. It provides case studies of the use of these techniques and discusses the expected future developments on privacy and cybersecurity applications. Covering topics such as behavior-based authentication, machine learning attacks, and privacy preservation, this book is a crucial resource for IT specialists, computer engineers, industry professionals, privacy specialists, security professionals, consultants, researchers, academicians, and students and educators of higher education.

Applications of Machine Learning and Deep Learning for Privacy and Cybersecurity

The ubiquity and pervasive access to internet resources 24/7 by anyone from anywhere is enabling access to endless professional, educational, technical, business, industrial, medical, and government resources worldwide. To guarantee internet integrity and availability with confidentiality, the provision of proper and effective cyber security is critical for any organization across the world. AI Tools for Protecting and Preventing Sophisticated Cyber Attacks illuminates the most effective and practical applications of artificial intelligence (AI) in securing critical cyber infrastructure and internet communities worldwide. The book presents a collection of selected peer-reviewed chapters addressing the most important issues, technical solutions, and future research directions in cyber security. Covering topics such as assessment metrics, information security, and toolkits, this premier reference source is an essential resource for cyber security experts, cyber systems administrators, IT experts, internet and computer network professionals, organizational leaders, students and educators of higher education, researchers, and academicians.

AI Tools for Protecting and Preventing Sophisticated Cyber Attacks

In recent years, media digitalization has been booming. It has, however, led to a phenomenon of private data hacking, which was stimulated by the expansion of the data exchange system. These hackers are being countered by using new techniques, including cryptography and watermarking. Therefore, in the fields of information security, data encryption, and watermarking, there exists a need for a collection of original research in this area. Applications of Encryption and Watermarking for Information Security provides relevant theoretical frameworks and the latest empirical research findings in the domains of security and privacy. It is written for professionals who want to improve their understanding of the strategic role of trust at different levels of information security, that is, trust at the level of cryptography and watermarking and at the level of securing multimedia data. Covering topics such as background subtraction, moving object detection, and visual watermark identification, this premier reference source is an excellent resource for security and privacy professionals, IT managers, practitioners, students and educators of higher education, librarians, researchers, and academicians.

Applications of Encryption and Watermarking for Information Security

In the wake of fresh allegations that personal data of Facebook users have been illegally used to influence the outcome of the US general election and the Brexit vote, the debate over manipulation of social Big Data continues to gain more momentum. Cyber Influence and Cognitive Threats addresses various emerging challenges in response to cybersecurity, examining cognitive applications in decision-making, behaviour and basic human interaction. The book examines the role of psychology in cybersecurity by addressing each factor involved in the process: hackers, targets, cybersecurity practitioners, and the wider social context in which these groups operate. Cyber Influence and Cognitive Threats covers a variety of topics including information systems, psychology, sociology, human resources, leadership, strategy, innovation, law, finance and others.

Cyber Influence and Cognitive Threats

In today’s modern age of information, new technologies are quickly emerging and being deployed into the field of information technology. Cloud computing is a tool that has proven to be a versatile piece of software within IT. Unfortunately, the high usage of Cloud has raised many concerns related to privacy, security, and data protection that have prevented cloud computing solutions from becoming the prevalent alternative for mission critical systems. Up-to-date research and current techniques are needed to help solve these vulnerabilities in cloud computing. Modern Principles, Practices, and Algorithms for Cloud Security is a pivotal reference source that provides vital research on the application of privacy and security in cloud computing. While highlighting topics such as chaos theory, soft computing, and cloud forensics, this publication explores present techniques and methodologies, as well as current trends in cloud protection. This book is ideally designed for IT specialists, scientists, software developers, security analysts, computer engineers, academicians, researchers, and students seeking current research on the defense of cloud services.

Modern Principles, Practices, and Algorithms for Cloud Security

The notion of surveillance has become increasingly more crucial in public conversation as new tools of observation are obtained by many different players. The traditional notion of “overseeing” is being increasingly replaced by multi-level surveillance where many different actors, at different levels of hierarchy, from the child surveilling the parent to the state surveilling its citizens, are entering the

surveillance theater. This creates a unique surveillance ecosystem where the individual is observed not only as an analog flesh-and-blood body moving through real spaces such as a shopping mall, but also tracked as a data point where the volume of data is perpetually and permanently expanding as the digital life story is inscribed in the digital spaces. The combined narrative of the individual is now under surveillance. Modern Day Surveillance Ecosystem and Impacts on Privacy navigates the reader through an understanding of the self as a narrative element that is open for observation and analysis. This book provides a broad-based and theoretically grounded look at the overall processes of surveillance in a global system. Covering topics including commodity, loss of privacy, and big data, this text is essential for researchers, government officials, policymakers, security analysts, lawmakers, teachers, professors, graduate and undergraduate students, practitioners, and academicians interested in communication, technology, surveillance, privacy, and more.

Modern Day Surveillance Ecosystem and Impacts on Privacy

Restorative justice is a conceptual and practical framework for repairing any harm that may have been caused either to people, property, or things. It is essential to investigate examples, scenarios, perspectives, strategies, and implications for the use of restorative justice in diverse settings, including K-12 settings, colleges and universities, the workplace, and within public safety organizations and departments. Emphasis must also be placed on diversity, equity, belonging, and inclusion and how restorative practices foster the use of inclusive practices and accessibility for all persons. Restorative Justice and Practices in the 21st Century offers broad perspectives across numerous disciplines and professions and provides restorative practitioners with a timely account of what restorative justice and practices may offer to their respective organizations, school, or agency. It provides possible strategies and actions to implement restorative practices as well as how restorative practices can provide different strategies and methods in handling conflict, disputes, and discipline. Covering topics such as equity and inequalities, pedagogical reflection, and indigenous roots, this premier reference source is an essential resource for administrators and educators of both K-12 and higher education, public safety officials, law enforcement, corrections officers, students of higher education, librarians, researchers, and academicians.

Restorative Justice and Practices in the 21st Century

The rapid evolution of technology continuously changes the way people interact, work, and learn. By examining these advances from a sociological perspective, researchers can further understand the impact of cyberspace on human behavior, interaction, and cognition. Multigenerational Online Behavior and Media Use: Concepts, Methodologies, Tools, and Applications is a vital reference source covering the impact of social networking platforms on a variety of relationships, including those between individuals, governments, citizens, businesses, and consumers. The publication also highlights the negative behavioral, physical, and mental effects of increased online usage and screen time such as mental health issues, internet addiction, and body image. Showcasing a range of topics including online dating, smartphone dependency, and cyberbullying, this multi-volume book is ideally designed for sociologists, psychologists, computer scientists, engineers, communication specialists, academicians, researchers, and graduate-level students seeking current research on media usage and its behavioral effects.

Multigenerational Online Behavior and Media Use: Concepts, Methodologies, Tools, and Applications

The internet is established in most households worldwide and used for entertainment purposes, shopping, social networking, business activities, banking, telemedicine, and more. As more individuals and businesses use this essential tool to connect with each other and consumers, more private data is exposed to criminals ready to exploit it for their gain. Thus, it is essential to continue discussions involving policies that regulate and monitor these activities, and anticipate new laws that should be implemented in order to protect users. Cyber Law, Privacy, and Security: Concepts, Methodologies, Tools, and Applications examines current internet and data protection laws and their impact on user experience and cybercrime, and explores the need for further policies that protect user identities, data, and privacy. It also offers the latest methodologies and applications in the areas of digital security and threats. Highlighting a range of topics such as online privacy and security, hacking, and online threat protection, this multi-volume book is ideally designed for IT specialists, administrators, policymakers, researchers, academicians, and upper-level students.

Cyber Law, Privacy, and Security: Concepts, Methodologies, Tools, and Applications

Multidisciplinary research is steadily revolutionizing traditional education, scientific approaches, and activities related to security matters. Therefore, the knowledge generated through multidisciplinary research into the field of application of scientific inquiry could be utilized to protect critical and vital assets of a country. The field of security requires focus on the assessment and resolution of complex systems. Consequently, the dynamics of the intelligence field leads to the necessity of raising awareness and placing priority on improved ideas using scientific inquiry. Intelligence and Law Enforcement in the 21st Century provides personnel directly working in the fields of intelligence and law enforcement with an opportunity to deeply delve into to the challenges, choices, and complications in finding, applying, and presenting the gathered intelligence through various methods and then presenting them through available policies and procedures in the arena of law and order. The book also addresses how law enforcement is critically assessed in the 21st century when implementing the rule of law and order. Covering topics such as counterterrorism, cybersecurity, biological and chemical weapons, and scientific inquiry, this is an essential text for law enforcement, intelligence specialists, analysts, cybersecurity professionals, government officials, students, teachers, professors, practitioners, and researchers in fields that include terrorism and national security.

Intelligence and Law Enforcement in the 21st Century

Developing a knowledge model helps to formalize the difficult task of analyzing crime incidents in addition to preserving and presenting the digital evidence for legal processing. The use of data analytics techniques to collect evidence assists forensic investigators in following the standard set of forensic procedures, techniques, and methods used for evidence collection and extraction. Varieties of data sources and information can be uniquely identified, physically isolated from the crime scene, protected, stored, and transmitted for investigation using AI techniques. With such large volumes of forensic data being processed, different deep learning techniques may be employed. Confluence of AI, Machine, and Deep Learning in Cyber Forensics contains cutting-edge research on the latest AI techniques being used to design and build solutions that address prevailing issues in cyber forensics and that will support efficient and effective investigations. This book seeks to understand the value of the deep learning algorithm to handle evidence data as well as the usage of neural networks to analyze investigation data. Other themes that are explored include machine learning algorithms that allow machines to interact with the evidence, deep learning algorithms that can handle evidence acquisition and preservation, and techniques in both fields that allow for the analysis of huge amounts of data collected during a forensic investigation. This book is ideally intended for forensics experts, forensic investigators, cyber forensic practitioners, researchers, academicians, and students interested in cyber forensics, computer science and engineering, information technology, and electronics and communication.

Confluence of AI, Machine, and Deep Learning in Cyber Forensics

As the internet and its applications grow more sophisticated and widespread, so too do the strategies of modern terrorist groups. The existence of the dark web adds to the online arsenal of groups using digital networks and sites to promulgate ideology or recruit supporters. It is necessary to understand how terrorist cells are using and adapting online tools in order to counteract their efforts. Utilization of New Technologies in Global Terror: Emerging Research and Opportunities is an informative resource that explores new developments in technological advancements and the progression of terror organizations while also examining non-government activist organizations and their new role in protecting internet freedom and combating cyberterrorism. Featuring relevant topics such as social media, cyber threats, and counterterrorism, this publication will benefit government officials, political scientists, policymakers, researchers, academicians, and graduate students interested in political science, mass communication, and cyberwarfare.

Utilization of New Technologies in Global Terror: Emerging Research and Opportunities

Interdisciplinary and multidisciplinary research is slowly yet steadily revolutionizing traditional education. However, multidisciplinary research can and will also improve the extent to which a country can protect its critical and vital assets. Applying Methods of Scientific Inquiry Into Intelligence, Security, and Counterterrorism is an essential scholarly publication that provides personnel directly working in the fields of intelligence, law enforcement, and science with the opportunity to understand the multidisciplinary nature of intelligence and science in order to improve current intelligence activities and contribute to the protection of the nation. Each chapter of the book discusses various components

of science that should be applied to the intelligence arena. Featuring coverage on a range of topics including cybersecurity, economics, and political strategy, this book is ideal for law enforcement, intelligence and security practitioners, students, educators, and researchers.

Applying Methods of Scientific Inquiry Into Intelligence, Security, and Counterterrorism

This book gathers selected high-quality research papers presented at the Eighth International Congress on Information and Communication Technology, held at Brunel University, London, on 20–23 February 2023. It discusses emerging topics pertaining to information and communication technology (ICT) for managerial applications, e-governance, e-agriculture, e-education and computing technologies, the Internet of Things (IoT) and e-mining. Written by respected experts and researchers working on ICT, the book offers a valuable asset for young researchers involved in advanced studies. The work is presented in four volumes.

Proceedings of Eighth International Congress on Information and Communication Technology

This book constitutes the refereed proceedings of the 13th International Conference on Social Informatics, SocInfo 2022, which took place in Glasgow, UK, during October 19-21, 2022. The 22 full papers, 8 short papers, and 4 late breaking papers included in this book were carefully reviewed and selected from 102 submissions. The deal with topics ranging from information-system design on social concepts to analyzing complex social systems using computational methods or explore socio-technical techniques using social sciences methods.

Social Informatics

As society continues to rely heavily on technological tools for facilitating business, e-commerce, banking, and communication, among other applications, there has been a significant rise in criminals seeking to exploit these tools for their nefarious gain. Countries all over the world are seeing substantial increases in identity theft and cyberattacks, as well as illicit transactions, including drug trafficking and human trafficking, being made through the dark web internet. Sex offenders and murderers explore unconventional methods of finding and contacting their victims through Facebook, Instagram, popular dating sites, etc., while pedophiles rely on these channels to obtain information and photographs of children, which are shared on hidden community sites. As criminals continue to harness technological advancements that are outpacing legal and ethical standards, law enforcement and government officials are faced with the challenge of devising new and alternative strategies to identify and apprehend criminals to preserve the safety of society. The Encyclopedia of Criminal Activities and the Deep Web is a three-volume set that includes comprehensive articles covering multidisciplinary research and expert insights provided by hundreds of leading researchers from 30 countries including the United States, the United Kingdom, Australia, New Zealand, Germany, Finland, South Korea, Malaysia, and more. This comprehensive encyclopedia provides the most diverse findings and new methodologies for monitoring and regulating the use of online tools as well as hidden areas of the internet, including the deep and dark web. Highlighting a wide range of topics such as cyberbullying, online hate speech, and hacktivism, this book will offer strategies for the prediction and prevention of online criminal activity and examine methods for safeguarding internet users and their data from being tracked or stalked. Due to the techniques and extensive knowledge discussed in this publication it is an invaluable addition for academic and corporate libraries as well as a critical resource for policy makers, law enforcement officials, forensic scientists, criminologists, sociologists, victim advocates, cybersecurity analysts, lawmakers, government officials, industry professionals, academicians, researchers, and students within this field of study.

Encyclopedia of Criminal Activities and the Deep Web

In today’s globalized world, businesses and governments rely heavily on technology for storing and protecting essential information and data. Despite the benefits that computing systems offer, there remains an assortment of issues and challenges in maintaining the integrity and confidentiality of these databases. As professionals become more dependent cyberspace, there is a need for research on modern strategies and concepts for improving the security and safety of these technologies. Modern Theories and Practices for Cyber Ethics and Security Compliance is a collection of innovative research on the concepts, models, issues, challenges, innovations, and mitigation strategies needed to improve cyber protection. While highlighting topics including database governance, cryptography, and intrusion detection, this book provides guidelines for the protection, safety, and security of business

data and national infrastructure from cyber-attacks. It is ideally designed for security analysts, law enforcement, researchers, legal practitioners, policymakers, business professionals, governments, strategists, educators, and students seeking current research on combative solutions for cyber threats and attacks.

Modern Theories and Practices for Cyber Ethics and Security Compliance

This volume serves as a handbook for psychology professors around the globe who aim to internationalize and diversify their courses and curricula, and who seek innovative ideas to enrich their teaching. The work provides an overview of psychology's globalization, and offers a broad range of suggestions for psychology instructors aiming to internationalize their undergraduate and graduate courses. Topics covered here include practical tips to diversify specific courses, such as abnormal psychology, lifespan development, and psychotherapy, and innovative methods of assessment of student learning. Additionally, a number of chapters focus on describing the training of psychologists, and the history and future of psychology education in various nations and regions. Co-edited by five distinguished, international academics, the thirty-five chapters represent each major geographic region of the world, with authors based in nations in Africa, Asia, Australia and New Zealand, Europe, Latin America, the Middle East and North America. Instructors of cross cultural, cultural, and international psychology and of multicultural education will be especially interested in the book, as will program evaluators, policy makers, and university administrators.

Teaching Psychology around the World

Understanding cybersecurity principles and practices is vital to all users of IT systems and services, and is particularly relevant in an organizational setting where the lack of security awareness and compliance amongst staff is the root cause of many incidents and breaches. If these are to be addressed, there needs to be adequate support and provision for related training and education in order to ensure that staff know what is expected of them and have the necessary skills to follow through. Cybersecurity Education for Awareness and Compliance explores frameworks and models for teaching cybersecurity literacy in order to deliver effective training and compliance to organizational staff so that they have a clear understanding of what security education is, the elements required to achieve it, and the means by which to link it to the wider goal of good security behavior. Split across four thematic sections (considering the needs of users, organizations, academia, and the profession, respectively), the chapters will collectively identify and address the multiple perspectives from which action is required. This book is ideally designed for IT consultants and specialist staff including chief information security officers, managers, trainers, and organizations.

Cybersecurity Education for Awareness and Compliance

This book constitutes the proceedings of the 5th International Conference on Internet Science held in St. Petersburg, Russia, in October 2018. The 23 papers presented were carefully reviewed and selected for inclusion in this volume. They were organized in topical sections named: risks on the Internet: detecting harmful content and discussing regulation; methodologies for studies of online audiences; and online media and public issues.

Internet Science

As industries are rapidly being digitalized and information is being more heavily stored and transmitted online, the security of information has become a top priority in securing the use of online networks as a safe and effective platform. With the vast and diverse potential of artificial intelligence (AI) applications, it has become easier than ever to identify cyber vulnerabilities, potential threats, and the identification of solutions to these unique problems. The latest tools and technologies for AI applications have untapped potential that conventional systems and human security systems cannot meet, leading AI to be a frontrunner in the fight against malware, cyber-attacks, and various security issues. However, even with the tremendous progress AI has made within the sphere of security, it's important to understand the impacts, implications, and critical issues and challenges of AI applications along with the many benefits and emerging trends in this essential field of security-based research. Research Anthology on Artificial Intelligence Applications in Security seeks to address the fundamental advancements and technologies being used in AI applications for the security of digital data and information. The included chapters cover a wide range of topics related to AI in security stemming from the development and design of these applications, the latest tools and technologies, as well as the utilization of AI and what

challenges and impacts have been discovered along the way. This resource work is a critical exploration of the latest research on security and an overview of how AI has impacted the field and will continue to advance as an essential tool for security, safety, and privacy online. This book is ideally intended for cyber security analysts, computer engineers, IT specialists, practitioners, stakeholders, researchers, academicians, and students interested in AI applications in the realm of security research.

Research Anthology on Artificial Intelligence Applications in Security

With recent headlines around fake news from world leaders and around presidential elections, Twitter and other social media platforms being pressured to detect and label misinformation posted on their platforms, as well as misinformation around COVID-19 and its vaccine, the world has seen an increase in protests, policy changes, and even chaos surrounding this information. This spread of misinformation, when left unchecked, can turn fiction into fact and result in a mass misconception of the truth that shapes opinions, creates false narratives, and impacts multiple facets of society in potentially detrimental ways, indicating a need for the latest research on how the devastating impacts of this trend, how to discern facts from misinformation, as well as more information on technological advancements in fake news detection The Research Anthology on Fake News, Political Warfare, and Combatting the Spread of Misinformation is a compilation of the most comprehensive, previously published, and highly cited research from prestigious institutions including Columbia University and Stanford University, USA, which focuses on understanding fake news, how it spreads, its negative effects, and current solutions being investigated. While highlighting topics such as fake news, trending conspiracy theories, media distrust, political warfare, and detection methods, this book is ideally intended for practitioners, stakeholders, researchers, academicians, and students interested in the continuing surge of fake news and its, at times, dangerous results.

Research Anthology on Fake News, Political Warfare, and Combatting the Spread of Misinformation

The availability of practical applications, techniques, and case studies by international therapists is limited despite expansions to the fields of clinical psychology, rehabilitation, and counseling. As dialogues surrounding mental health grow, it is important to maintain therapeutic modalities that ensure the highest level of patient-centered rehabilitation and care are met across global networks. Research Anthology on Rehabilitation Practices and Therapy is a vital reference source that examines the latest scholarly material on trends and techniques in counseling and therapy and provides innovative insights into contemporary and future issues within the field. Highlighting a range of topics such as psychotherapy, anger management, and psychodynamics, this multi-volume book is ideally designed for mental health professionals, counselors, therapists, clinical psychologists, sociologists, social workers, researchers, students, and social science academicians seeking coverage on significant advances in rehabilitation and therapy.

Research Anthology on Rehabilitation Practices and Therapy

The modern world is developing at a pace where few can thoroughly keep track of its progress. More advancements in technology, evolving standards of education, and ongoing cultural and societal developments are leading to a need for improved pathways of knowledge discovery and dissemination. Knowledge-Intensive Economies and Opportunities for Social, Organizational, and Technological Growth provides emerging research exploring how academic research can represent both a bold response to the problems society faces today and a source of alternative solutions to those problems. This publication is derived from the basic understanding that education plays the role of the key enabler in the process of navigating these contemporary challenges. Featuring coverage on a broad range of topics such as e-service exploration, progressive online learning in urban areas, and advances in multimedia sharing, this book is ideally designed for consultants, academics, industry professionals, policymakers, politicians, and government officials seeking current research on the impact of information technology and the knowledge-based era.

Knowledge-Intensive Economies and Opportunities for Social, Organizational, and Technological Growth

This edited book, Introduction to Cyber Forensic Psychology: Understanding the Mind of the Cyber Deviant Perpetrators, is the first of its kind in Singapore, which explores emerging cybercrimes and cyber enabled crimes.Utilising a forensic psychology perspective to examine the mind of the cyber deviant perpetrators as well as strategies for assessment, prevention, and interventions, this book

seeks to tap on the valuable experiences and knowledge of leading forensic psychologists and behavioural scientists in Singapore.Some of the interesting trends discussed in this book include digital self-harm, stalkerware usage, livestreaming of crimes, online expression of hate and rebellion, attacks via smart devices, COVID-19 related scams and cyber vigilantism. Such insights would enhance our awareness about growing pervasiveness of cyber threats and showcase how behavioural sciences is a force-multiplier in complementing the existing technological solutions.

Introduction To Cyber Forensic Psychology: Understanding The Mind Of The Cyber Deviant Perpetrators

Cybersecurity and Cognitive Science provides the reader with multiple examples of interactions between cybersecurity, psychology and neuroscience. Specifically, reviewing current research on cognitive skills of network security agents (e.g., situational awareness) as well as individual differences in cognitive measures (e.g., risk taking, impulsivity, procrastination, among others) underlying cybersecurity attacks. Chapters on detection of network attacks as well as detection of cognitive engineering attacks are also included. This book also outlines various modeling frameworks, including agent-based modeling, network modeling, as well as cognitive modeling methods to both understand and improve cybersecurity. Outlines cognitive modeling within cybersecurity problems Reviews the connection between intrusion detection systems and human psychology Discusses various cognitive strategies for enhancing cybersecurity Summarizes the cognitive skills of efficient network security agents, including the role of situational awareness

Intelligent Systems and Networks

As more individuals own and operate Internet-enabled devices and more critical government and industrial systems rely on advanced technologies, the issue of cybercrime has become a crucial concern for both the general public and professionals alike. The Psychology of Cyber Crime: Concepts and Principles aims to be the leading reference examining the psychology of cybercrime. This book considers many aspects of cybercrime, including research on offenders, legal issues, the impact of cybercrime on victims, punishment, and preventative measures. It is designed as a source for researchers and practitioners in the disciplines of criminology, cyberpsychology, and forensic psychology, though it is also likely to be of significant interest to many students of information technology and other related disciplines.

Cybersecurity and Cognitive Science

High stakes tests are the gatekeepers to many educational and professional goals. As such, the incentive to cheat is high. This Handbook is the first to offer insights from experts within the testing community, psychometricians, and policymakers to identify and develop best practice guidelines for the design of test security systems for a variety of testing genres. Until now this information was scattered and often resided inside testing companies. As a result, rather than being able to learn from each other’s experiences, each testing entity was left to re-create their own test security wheel. As a whole the book provides invaluable insight into the prevalence of cheating and “best practices” for designing security plans, training personnel, and detecting and investigating misconduct, to help develop more secure testing systems and reduce the likelihood of future security breaches. Actual case studies from a variety of settings bring to life how security systems really work. Examples from both domestic and international programs are provided. Highlights of coverage include: • Best practices for designing secure tests • Analysis of security vulnerabilities for all genres of testing • Practical cheating prevention and detection strategies • Lessons learned in actual security violations in high profile testing programs. Part I focuses on how tests are delivered for paper-and-pencil, technology-based, and classroom testing and writing assessment. Each chapter addresses the prevalence of the problem and threats to security, prevention, and detection. Part II addresses issues essential to maintaining a secure testing program such as planning and monitoring, physical security, the detection of group-based cheating, investigating misconduct, and communicating about security-related issues. Part III examines actual examples of cheating-- how the cheating was done, how it was detected, and the lessons learned. Part III provides insight into security issues within each of the Association of Test Publishers’ four divisions: certification/licensure, clinical, educational, and industrial/organizational testing. Part III’s conclusion revisits the issues addressed in the case studies and identifies common themes. Intended for organizations, professionals, educators, policy makers, researchers, and advanced students that

design, develop, or use high stakes tests, this book is also ideal for graduate level courses on test development, educational measurement, or educational policy.

The Psychology of Cyber Crime: Concepts and Principles

The book illustrates the inter-relationship between several data management, analytics and decision support techniques and methods commonly adopted in Cybersecurity-oriented frameworks. The recent advent of Big Data paradigms and the use of data science methods, has resulted in a higher demand for effective data-driven models that support decision-making at a strategic level. This motivates the need for defining novel data analytics and decision support approaches in a myriad of real-life scenarios and problems, with Cybersecurity-related domains being no exception. This contributed volume comprises nine chapters, written by leading international researchers, covering a compilation of recent advances in Cybersecurity-related applications of data analytics and decision support approaches. In addition to theoretical studies and overviews of existing relevant literature, this book comprises a selection of application-oriented research contributions. The investigations undertaken across these chapters focus on diverse and critical Cybersecurity problems, such as Intrusion Detection, Insider Threats, Insider Threats, Collusion Detection, Run-Time Malware Detection, Intrusion Detection, E-Learning, Online Examinations, Cybersecurity noisy data removal, Secure Smart Power Systems, Security Visualization and Monitoring. Researchers and professionals alike will find the chapters an essential read for further research on the topic.

Handbook of Test Security

In response to the increasingly ubiquitous, asynchronous, and pervasive use of cyber technology in everyday life, unique threats to cybersecurity (CS) have emerged requiring innovative and systemic solutions. Of the potential threats, Ubiquitous Technical Surveillance (UTS) presents one of the most acute generalized vulnerabilities facing the broader Intelligence Community (IC), Department of Defense (DoD), and United States Government. While security systems and networks have attempted to adapt to meet these evolving threats, internal organizational structures, culture, and human behavior often lag behind due to the inherent challenges in changing these dynamic variables. It is crucial that scientific disciplines identify systemic and innovative behavioral countermeasures that are informed by sub-disciplines of the psychology and CS literature. Innovative strategies involve collaboration amongst experts from the domains of social psychology, game theory, Bayesian statistics, and the IC, which will be discussed in-depth. A special issue that pulls from cross-disciplinary professionals will have a broad impact for the IC and DOD eliciting wide readership and spurring needed innovation._____ "Cultivating a culture of innovation, though difficult, is important for any enduring organization. It's downright essential for the US Intelligence Community, which must stay one step ahead of adversaries on surveillance technologies and tradecraft to be effective. This collection of articles brings together insightful research and analysis from diverse domains, moving us closer to the deeper appreciation of innovation and culture that is so urgently needed."David Priess, Ph.D., former Central Intelligence Agency officer and author, The President's Book of Secrets

Data Analytics and Decision Support for Cybersecurity

Covering the conceptual basis and practical applications of psychology in forensic and criminal contexts, the second edition of this theoretically rigorous and fun introduction includes updated definitions, an extended research methods chapter and additional content on domestic violence and gender and criminality.

Fostering Innovation in the Intelligence Community

Criminological and Forensic Psychology

Report of the Commissioner of the South African Police

Every South African has a strong opinion on crime and policing, but most know very little about the lives and experiences of the average cop in the 185 000-strong South African Police Service. This book is composed of excerpts from interviews with current and former members of the service who, for the first time, share their personal experiences of life behind the badge. The book covers a wide

range of themes, including reasons for signing up, training, policing under apartheid and transformation after 1994. It describes the experience of solving cases, using lethal force, being shot at and losing colleagues. Policemen and -women speak frankly about the psychological toll of police work and the impact on their family lives, and give startling insights into ethics, torture, corruption, sex and power. There is a mantra among police: ‘What happens on the shift stays on the shift.’ In Behind the Badge, members break through this wall of silence and reveal the hidden life of the police.

Behind the Badge

"The shift from apartheid to a constitutional democracy in South Africa brought with it a plethora of questions concerning ideas of nationhood, citizenship, and organisational transformation. Integrally caught up in the revolution, the South African Police Service (SAPS) faced transformative challenges on scales far larger than most other organisations in the country. From being the strong arm of the oppressive elite, it has had to restructure and rearticulate its function while simultaneously attempting to maintain law and order. Like many other corporations and organisations, the SAPS has engaged in interventions aimed at aiding the fluidity of this process. Andrew Faull's thesis is an analysis of one such intervention, focusing on SAPS members at one particular station. It attempts to ascertain the extent to which members are changing as a result of particular diversity workshops conducted in a region of the Western Cape. This work brings together an under-examined intersection of diversity and police cultural theory in South Africa, emphasizing the need for greater attention to these issues. The project of Student Publications has been designed by SAVUSA, NiZA and SANPAD to try and stimulate publication in the Netherlands of excellent South African MA-theses on relevant Southern African themes--Page 4 of cover.

Policing Diversity

This monograph examines the new sector policing policy for South Africa and reflects on the experience of sector policing in London.

Annual Report of the South African Police Service

Often overlooked by journalists and scholars, the police forces of the African continents are a significant and little-studied phenomenon. This book seeks to redress that lacuna. The studies span the continent, from South Africa to Sierra Leone, keeping a strong ethnographic focus on police officers and their work.

Peace, Human Security and Conflict Prevention in Africa

This is a book about the men and women who police contemporary South Africa. Drawing on rich, original ethnographical data, it considers how officers make sense of their jobs and how they find meaning in their duties. It demonstrates that the dynamics that lead to police abuses and scandals in transitional and neo-liberalising regimes such as South Africa can be traced to the day-to-day experiences and ambitions of the average police officer. It is about the stories they tell themselves about themselves and their social worlds, and how these shape the order they produce through their work. By focusing on police officers, this book positions the individual in primacy over the organisation, asking what policing looks like when motivated by the pursuit of ontological security in precarious contexts. It acknowledges but downplays the importance of police culture in determining officers’ attitudes and behaviour, and reminds readers that most officers’ lives are entangled in, and shaped by a range of social, political and cultural forces. It suggests that a job in the South African Police Service (SAPS) is primarily just that: a job. Most officers join the organisation after other dreams have slipped beyond reach, their presence in the Service being almost accidental. But once employed, they re-write their self-narratives and enact carefully choreographed performances to ease managerial and public pressure, and to rationalize their coercive practices. In an era where ‘evidence’ and ‘what works’ reigns supreme, and where ‘cop culture’ is often deemed a primary socializing force, this book emphasises how officers’ personal histories, ambitions, and vulnerabilities remain central to how policing unfolds on the street.

Sector Policing

This is the story of one man's service in the British South Africa Police of Rhodesia during his service of nearly fifteen years, between the years 1965 and 1979, and in many ways forms a sequel to the

author's book Mad Dog Killers. The struggle to keep Rhodesia out of black nationalist hands started in late 1964 and ended with the Mugabe regime in 1982. It is also a story of a policeman engaged in that war as a member of the paramilitary BSAP Support unit, the Police Anti-Terrorist Unit and as an ordinary member of the force that had always been designated the country's first line of defense. Most of the service was on remote rural district stations, often in the middle of the "front line". The account tells of one man's learning to be a policeman and a police public prosecutor and about the eccentricities of some of the circuit magistrates. A policeman has a lot to learn about life, and in the BSA Police he was expected to jump in at the deep end from the start. It is also the story of the strange struggle by Rhodesian-born policemen in a force where the majority were English-born, at a time when Rhodesia was in rebellion against Britain. The author's senior officers, though fiercely loyal to the force, were British and required to join the rebellion. It tells of his resentment at the lack of drive by senior officers in the fight against terrorist atrocities. There is additional insight into the Utopian life in Rhodesia, especially in rural areas, when it was still possible to hunt buck for the police mess rations, where there was no electricity or other modern amenities and where the single quarters were in ancient buildings enclosed by a wraparound gauzed-in veranda - a life gone now forever. It is also a story of a young man who grew up in Salisbury, his sexual excesses and sadness. The British Queen Mother was patron of the force all her life and was very proud of her association with it.

Strategic Plan for the South African Police Service, 2005-2010

Policing in South Africa has gained notoriety through its extensive history of oppressive law enforcement. In 1994, as the country’s apartheid system was replaced with a democratic order, the new government faced the significant challenge of transforming the South African police force into a democratic police agency—the South African Police Service (SAPS)—that would provide unbiased policing to all the country’s people. More than two decades since the initiation of the reforms, it appears that the SAPS has rapidly developed a reputation as a police agency beset by challenges to its integrity. This book offers a unique perspective by providing in-depth analyses of police integrity in South Africa. It is a case study that systematically and empirically explores the contours of police integrity in a young democracy. Using the organizational theory of police integrity, the book analyzes the complex set of historical, legal, political, social, and economic circumstances shaping police integrity. A discussion of the theoretical framework is accompanied by the results of a nationwide survey of nearly 900 SAPS officers, probing their familiarity with official rules, their expectations of discipline within the SAPS, and their willingness to report misconduct. The book also examines the influence of the respondents’ race, gender, and supervisory status on police integrity. Written in a clear and direct style, this book will appeal to students and scholars of criminology, policing, sociology, political science, as well as to police administrators interested in expanding their knowledge about police integrity and enhancing it in their organizations.

Police in Africa

Social beliefs -- Generalised beliefs -- Social axioms -- Cross-cultural assessment -- Equivalence -- Police -- Language -- Sosiale mening -- Veralgemeende menings -- Sosiale aksioma -- Kruiskulturele taksering -- Ekwivalensie -- Polisie -- Taal.

Strategic Plan for the South African Police Service, 2004 - 2007

In Police Administration in Africa, Ejakait S.E. Opolot lays the foundation for future developments and trends in police administration in the former British colonies in Africa. Opolot emphasizes the dynamism between theory and practice. As such, Police Administration in Africa establishes a model to be replicated in other parts of the Third World.

Police Work and Identity

South Africans care a lot about crime. We think and worry about it, plan and insure against it, develop and share theories about it, read about it, and talk about it... a lot. But how much do we really know? Crime statistics do not belong to the government, academics, specialists, or the press. They are ours: we experience and report crimes and have a right to access and understand their official record. It should not take any particular expertise to get a grasp on what we should make of the figures and graphs that the South African Police Service produces every year. A Citizen's Guide to Crime Trends in South Africa provides a basis on which to understand the statistics in a manner that is accessible to everyone. Each chapter challenges a set of oft-repeated assumptions about how bad crime is, where it

occurs, and who its victims are. It also demonstrates how and why crime statistics need to be matched with other forms of research, including criminal justice data, in order to produce a fuller account of what we are faced with.

Consolidated Report on Inspections of Service Delivery Sites

"The SANDF's Territorial Reserve, popularly known as the Commandos, is currently being phased out. Its role in rural crime fighting is to be taken over the SAPS [South African police]. Using three case studies ... this monograph assesses the rural crime-fighting capacity that will be lost with the closure of the Commandos, and discusses the manner in which the SAPS will replace that capacity."--P. [4] of cover.

Bush Pig - District Cop

This volume includes the full proceedings from the 1998 Multicultural Marketing Conference held in Montreal, Canada. The focus of the conference and the enclosed papers is on marketing to various ethnic groups in both a US and global context. It presents papers on various multicultural issues across the entire spectrum of marketing activities and functions including marketing management, marketing strategy, and consumer behavior. Founded in 1971, the Academy of Marketing Science is an international organization dedicated to promoting timely explorations of phenomena related to the science of marketing in theory, research, and practice. Among its services to members and the community at large, the Academy offers conferences, congresses and symposia that attract delegates from around the world. Presentations from these events are published in this Proceedings series, which offers a comprehensive archive of volumes reflecting the evolution of the field. Volumes deliver cutting-edge research and insights, complimenting the Academy's flagship journals, the Journal of the Academy of Marketing Science (JAMS) and AMS Review. Volumes are edited by leading scholars and practitioners across a wide range of subject areas in marketing science.

Police Integrity in South Africa

World Criminal Justice Systems, Ninth Edition, provides an understanding of major world criminal justice systems by discussing and comparing the systems of six of the world's countries -- each representative of a different type of legal system. An additional chapter on Islamic law uses three examples to illustrate the range of practice within Sharia. Political, historical, organizational, procedural, and critical issues confronting the justice systems are explained and analyzed. Each chapter contains material on government, police, judiciary, law, corrections, juvenile justice, and other critical issues. The ninth edition features an introduction directing students to the resources they need to understand comparative criminal justice theory and methodology. The chapter on Russia includes consideration of the turmoil in post-Soviet successor states, and the final chapter on Islamic law examines the current status of criminal justice systems in the Middle East.

Policing and Human Rights

International Peacekeeping is devoted to reporting upon and analyzing international peacekeeping with an emphasis upon legal and policy issues, but is not limited to these issues. Topics include inter alia peacekeeping, peace, war, conflict resolution, diplomacy, international law, international security, humanitarian relief, humanitarian law, and terrorism.

FCS Theory of Policing Practices L3

First published in 1993. Routledge is an imprint of Taylor & Francis, an informa company.

Policing South Africa

"The Law of South Africa is an encyclopedic collection of South African law. It is the only work of its kind in South Africa. This reference work contains various topics on South African law and contains over 162 titles. Lawsa is used as a starting point for legal research since it covers the law as it stands and makes reference to relevant legislation, case law, text books and journal articles. Written by a team of eminent jurists, academics and practitioners, this publication is widely used by judges, advocates, attorneys and legal academics. Now in its Third Edition, with new titles covering new legislation. Lawsa is kept up to date by Current Law and the Lawsa Cumulative Supplement. The current set comprises of the 2nd and 3rd editions, with new volumes currently being published."--

Report of the Commission of Inquiry Into Reporting on Security Matters Regarding the South African Defence Force and the South African Police Force

In 1999 Andrew Brown donned the uniform of the new South African Police Service as a rookie reservist, after years of viewing the police as the enemy. This book documents his experiences over nearly a decade, offering a glimpse into the day-to-day life of a police officer on the beat in one of the most crime-ridden societies in the world. Street Blues takes the reader from high-octane car chases and drug busts to the gritty world of gangsterism and prostitution. It covers issues as diverse as hijacking and petty theft, traffic collisions and firefighting. Brown explores the stresses and complexities of police work, the fear and frustration, as well as the camaraderie and courage. Shifting between tragedy and humour, this book gives personal insight into a perilous and sometimes shocking world that affects us all. Written from direct experience rather than distanced observation, Street Blues is a must-read for anyone concerned with crime and policing in South Africa.

The Cross-cultural Application of the Social Axioms Survey in the South African Police Service

The simple truth is that the police do not prevent crime, and some researchers even refer to this responsibility (of the police) as an impossible mandate.

Police Administration in Africa

The concept of police diplomacy was realised more than a century ago and was perceived to be merely police international cooperation aspect aimed at tracing fugitives from justice. Within United Nations perspective, this notion changed as in conflict and post-conflict countries, the public loses confidence in domestic security forces, and, the presence of international police and collaboration amongst other law enforcement agencies help in restoring the lost confidence and the rule of law through peacekeeping. Previous research on the police in the international realm focused mainly on international policing and multilateral frameworks such as International Criminal Police Organization (INTERPOL) and how these organisations exercised their responsibilities. However, certain areas of police involvement have been overlooked due to the over-emphasis on police responsibilities regarding crime patterns and the criminal justice system. These limitations also extend to international police obligations and they neglect the study of intercontinental police roles as a distinct research topic. As already mentioned above, transnational policing has been in existence for a long time. However, the SAPS international activities before and after 1994 have not been considered crucial as it relates to support of South Africa's national interests. Even after 1994 their role was seen to be that of being Liaison officers. The South African Police Service (SAPS), previously the South African Police "0 SAP) has been in existence since 1913 and it is one of the government departments which falls under the Security Service Cluster. The international involvement of the SAPS is not inconsistent with their national responsibilities, and in fulfilling their constitutional mandate they are guided by various pieces of legislation and policy guidelines. Although the South African Police Service continues to perform international obligations, the diplomatic nature of these activities and related involvement in international security cooperation receives little attention. There is limited information on the definition of police diplomacy and the writer mostly relied on the evidence from personal experience and conducted interviews, hence this research is a position paper. It traces the relationship between police, security, and defence, with the assumption that their strategies and policies in the area of international relations are similar. It explores the role, more specifically the obligations, involvement and activities of the SAPS at international level and it argues, using defence diplomacy as an analogy, that this involvement constitutes what can be termed police diplomacy. The theme is relevant in theoretical and practical terms and in the absence of a definition of police diplomacy, the theoretical relevance of this study resides in the development of a

conceptual framework for the understanding and analysis of the nature and scope of police diplomacy. The practical relevance is, therefore, based on the fact that the SAPS has indeed for a very long period conducted transnational diplomacy which not only corresponds with the defence diplomacy of the SANDF, but which have largely gone unnoticed.

A Citizen's Guide to Crime Trends in South Africa

The constitutionally given powers and functions of the police service should be interpreted and exercised in accordance with the Constitution, which includes a chapter on human rights. This work is intended to promote the culture of human rights throughout the police service.

After the Commandos

This book explores how social and territorial boundaries have influenced the approaches and practices of the South Africa Police Service (SAPS). By means of a historical analysis of South Africa, this book introduces a new concept, ‘police frontierism’, which illuminates the nature of the relationships between the police, policing and boundaries, and can potentially be used for future case study research. Drawing on a wealth of research, this book examines how social and territorial boundaries strongly influenced police practices and behaviour in South Africa, and how social delineations amplify and distort existing police prejudices against those communities on the other side of the boundary. Focusing on cases of high-density police operations, public-order policing and the recent policing of the COVID-19 lockdown, this book argues that poor economic conditions combined with an increased militarisation of the SAPS and a decline in public trust in the police will result in boundaries continuing to fundamentally inform police work in South Africa. This book will be of interest to scholars and students interested in policing in post-colonial societies characterised by high levels of violence, as well as police work and police militarization.

Proceedings of the 1998 Multicultural Marketing Conference

Once a marginal political issue, crime control now occupies a central place on the social, political and economic agenda of contemporary liberal democracies. Nowhere more so than in post-apartheid South Africa, where the transition from apartheid rule to democratic rule was marked by a shift in concern from political to criminal violence. In this book Anne-Marie Singh offers a comprehensive account of policing transformations in post-apartheid South Africa. Her analysis of crime and mechanisms for its control is linked to an analysis of neo-liberal policies, providing the basis for a critique of existing analyses of liberal democratic governance. Themes addressed in the book include the exercise of coercive authority, state and non-state expertise in policing, the 'rationally-choosing' criminal, and the importance of developing an active and responsible citizenship.

World Criminal Justice Systems

Shows how judges work in a deliberative fashion with aligned political parties to re-interpret legal and constitutional text.

International Peacekeeping: The Yearbook of International Peace Operations

This book concerns the role of the state in achieving development. In many developing countries conventional wisdom concluded that development is best achieved through a centralised development strategy. The failure of this centralised development strategy has brought about the emergence of decentralisation to local government as one of the means to turn the tide of underdevelopment. This book presents decentralisation not only as a manifestation of 'good governance', but also as an indispensable tool towards development. The central question, however, is the following: how should the transitional state convert this into constitutional and legal arrangements? The author proposes a model for capturing the developmental role of local government in institutional arrangements. The new design for local government, put forward in South Africas 1997 Constitution, is based on the notion that local government should be the epicentre of development. This has prompted the author to use this South African concept as well as the first experiences with the implementation of the new local government dispensation as a case study.The importance of the book thus lies in the fact that it produces an institutional model for developmental local government that is not only based on development and decentralisation theories but is also tested in practice. It is hoped that those with an interest in the role of the state in development will find the arguments and conclusions useful. The book

also provides a comprehensive overview of the South African design for local government, which is of interest to lawyers, policy makers and other parties involved in the implementation of the South African decentralisation strategy. Jaap de Visser teaches public law at the Law Faculty of Utrecht University in the Netherlands. Until the end of 2002, he worked as a researcher for the Community Law Centre (University of the Western Cape), specialising in local government law.

Policing for a New South Africa

2011 Updated Reprint. Updated Annually. South Africa Business and Investment Opportunities Year-book

Eye in the Sky

"African Policing Civilian Oversight Forum."

The Law of South Africa

Stress and Coping in the South African Police Service

pipe stress engineering asme dc ebooks

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review the relevant stress components in a pipe section
find the maximum stresses at the outer edges of the geometry
starting with the design of a piping system
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Intro
What is PID
PID Symbols
Wall Symbols
Graphical Representation
Instruments
Phases
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PEFS with the help of the actual plant drawing. P&ID is more complex than PFD and includes ...
Introduction
What is P&ID?
Use of P&ID/PEFS – Pre EPC
Use of P&ID/PEFS - During EPC
What information does P&ID provide?
What is not included in a P&ID?
P&ID system explanation based on PFD/PFS
Main incoming lines
Change inline size
Line break in P&ID
Bypass Loop in P&ID
MOV and control instruments P&ID
Darin line and Spectacle Blind
Control Valve loop
Tank, Nozzle, and its instrumentations
High Level - Low-Level HHLL, HLL, LLL
Outgoing lines and PSV
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Introduction
What are P IDs
Instrumentation Codes
Summary
How to read p&id(pipe & instrument drawings) - How to read p&id(pipe & instrument drawings) by DesiGn HuB 697,788 views 6 years ago 4 minutes, 36 seconds - Design hub How to read **pipe**, and instrument drawings. P&id is really so complicated and confusable , this video help for all ...
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Introduction
Pipe Support Span
Support Location
Example
Summary
How to Use Temperature Controller | PID Controller with SSR | Temperature ON OFF Controller - How to Use Temperature Controller | PID Controller with SSR | Temperature ON OFF Controller by Upmation 219,698 views 2 years ago 9 minutes, 56 seconds - What is a PID controller and how does it work? This video is going to be about one of the very common applications of Solid-State ...
What is PID Controller with example
Temperature Control using PID Controller
PID Temperature Controller Wiring
Temperature PID Controller Datasheet
How to Connect PID Temperature Controller
PID Temperature Controller Settings
How to set PID Temperature Controller
How PID Temperature Controller Works
Temperature ON/OFF Controller
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Introduction

Why using DCB?
Discussion
When to use DCB?
How does it look at long-term?
Discussion
Conclusion and closure
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Intro
PIPE ROUTING
EXCELLENT ROUTING
ROUTING IS A SKILL
FUNDAMENTALS
TO EASE PROCESS
TO EASE ACCESSIBILITY
TO EASE MAINTANENCE
TO PROVIDE SAFETY
TO HAVE CLEAR AESTHATIC
TO SAVE COST
ABLE TO BE SUPPORTED
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Pipe Stress Analysis Webinar for SPED (Egypt) - Pipe Stress Analysis Webinar for SPED (Egypt) by PASS 2,793 views 3 years ago 1 hour - Timeline: 00:00 SPED Introduction 02:57 What is **pipe stress**, analysis results 04:04 Loads on piping system 04:39 When do pipe ...
SPED Introduction
What is pipe stress analysis results
Loads on piping system
When do pipe stress analysis required
Wall thickness calculation ASME B31.1, B31.3, B31.4, B31.5, B31.9, B31.8, EN 13480
Sustained stress and allowable
Occasional stress and allowable
Expansion stress and allowable
Why pipe stress analysis is important
What is alternative occasional allowable for elevated temperature fluid service (ASME B31.3 appendix V)
Creep-rupture usage factor calculation (ASME B31.3 appendix V)
MDMT
Why pipe never returns to installation state and friction forces are not zero
Creep self-springing effect for high temperature piping
Landslide, seismic wave propagation, seismic fault
Wind, snow, ice, seismic loads
How to model the vessel nozzle, flexibility using WRC 297
How to check loads on the pump, compressor, turbine
How to consider the more accurate SIF and k-factors according to ASME B31J
How to model the tank nozzle: settlement, bulging effect, thermal expansion, flexibility
How to check loads on the tank nozzle using API 650
How to take into account the various operating modes with different P, T, etc.
How to add the wind and seismic loads
How to model the buried piping
Pipe Stress Fundamentals - Pressure Stresses in Piping - Pipe Stress Fundamentals - Pressure Stresses in Piping by EngineeringTrainer 19,665 views 3 years ago 10 minutes, 48 seconds - EngineeringTrainer.com develops, hosts and markets professional online training products for **engineers**, and companies ...
Hoop Stress
The Force Balance

Axial Stress
Hoop and Axial Stress
Conclusion
Several ASME B31 and EN 13480 Issues Needed to Know by Any Pipe Stress Engineer - Several ASME B31 and EN 13480 Issues Needed to Know by Any Pipe Stress Engineer by InIPED 3,847 views 3 years ago 18 minutes - ASME, B31 and EN 13480 codes have several issued that can lead to under-estimation of sustained and expansion **stresses**,, tee ...
include the stresses from axial force
add the axial force and torsional stress
convert the original tees into the complex t model
Allowable stress II ASME B31.3 II Stress Strain Curve II Tensile & Yield Stress II Factor of Safety - Allowable stress II ASME B31.3 II Stress Strain Curve II Tensile & Yield Stress II Factor of Safety by Oil&GasFundas 3,270 views 3 years ago 11 minutes, 35 seconds - The allowable **stress**, is defined as the material failure **stress**, (a property of the material) divided by a factor of safety greater than ...
Introduction
Understanding Allowable Stress
Understanding Factor of Safety
Piping Engineering Topics clickable ebook
Chapter 1: Introduction to PIPE STRESS ANALYSIS - Chapter 1: Introduction to PIPE STRESS ANALYSIS by Gaurav Bhende 47,793 views 4 years ago 1 hour, 2 minutes - Hello all, This video attempts to explain the basics required to start the **PIPE STRESS**, ANALYSIS in Oil & Gas, Process plant ...
WHAT IS STRESS?
STRESS IS A TENSOR
TYPES OF STRESSES
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Pipe stress for non-pipe stress engineers - Pipe stress for non-pipe stress engineers by InIPED 4,244 views 2 years ago 31 minutes - In this video you will see a sneak preview of the study material of the course: Duration: 8 weeks Course outline: 1. Introduction 2.
Difficulties with Pneumatic Testing
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Major Human Errors
Design Errors
Manufacturing Error
Flicksboro England Disaster
Reactive or Proactive Methodologies

Decision Crossroads
Benefits of Computational Analysis of Stresses
What Is Stress
Thermal Expansion of Piping
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1. Yen, William M.; Shionoya, Shigeo; Yamamoto, Hajime (2006). Practical Applications of Phosphors. CRC Press. p. 211. ISBN 978-1-4200-4369-3. Bakshi... 264 KB (28,768 words) - 05:19, 14 March 2024
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How Does this Work
The Stator
The Delta Configuration
Star or Y Configuration
The Difference between the Star and Delta Configurations
Y Configuration

Electrical Machines - I - Electrical Machines - I by IIT Kharagpur July 2018 75,048 views 4 years ago 18 minutes - Hello in this short video I will tell you about the course coverage or outline of the course on **electrical machines**, one in this course ...

How does an Electric Motor work? (DC Motor) - How does an Electric Motor work? (DC Motor) by Jared Owen 16,665,353 views 3 years ago 10 minutes, 3 seconds - This video has been dubbed into a few different languages. You can change the audio track language in the Settings menu.

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Circuits
Magnets
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Improvements to Electric Motor
Commutator and Brushes
Improving Torque
Devices with Motors
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Why 3 Phase Power? Why not 6 or 12? - Why 3 Phase Power? Why not 6 or 12? by EdisonTechCenter TechCenter 2,314,672 views 12 years ago 4 minutes, 47 seconds - Power Transmission Engineer Lionel Barthold Explains how 3 phase, 6 phase, and 12 phase power works, advantages, ...

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DC Generator: Discussion and Problem Solving - DC Generator: Discussion and Problem Solving by Engr. Cedrick 21,173 views 3 years ago 1 hour, 11 minutes - Ito po ay request ng freshman student, inupload ko po itong video na to para ma ishare ko po ang nalalaman ko sa kanila.

Chapter 4 AC Machinery Fundamentals Part 1 - Chapter 4 AC Machinery Fundamentals Part 1 by Jawad Yousaf 16,234 views 2 years ago 11 minutes, 18 seconds - Lecture about the basic components of AC **Machines**,.

Introduction
Basic Machine
Windings
Synchronous Machine
Basic Operation
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