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BUILDING CONSTRUCTION **BUILDING MATERIALS MAINTENANCE, REPAIR & REHABILITATION AND MINOR WORKS OF BUILDINGS** *Web Development with Go* **Green Buildings and Sustainable Engineering** **FOUNDATION ENGINEERING** **Trends in Civil Engineering and Challenges for Sustainability** *Innovations in Structural Engineering and Construction* *Earthquakes and Your Home* **Project Procurement for Infrastructure Construction** **Building and Managing an IVF Laboratory** *Contractual Letters for Building and Engineering Works* *Go Recipes* **ADVANCED REINFORCED CONCRETE DESIGN** *Housing Problem in India* **PRESTRESSED CONCRETE ENGINEERING GEOLOGY FOR CIVIL ENGINEERS** **Practical Civil Engineering** *Building Studies* *Experiments in Allometry* *Proceedings of SECON'22 Kerala Gazette* *Fluid Mechanics with Laboratory Manual* **Processes of Creating Space Algorithms for Next Generation Networks** *Construction Materials* **Race and Representation** *Cutting for Stone* *Computational Science - ICCS 2007* *Understanding Public Diplomacy in East Asia* **Advances in Concurrent Engineering** **Passive and Active Network Measurement** **Organization and Management of IVF Units** **Legal Liabilities of Building Control Officers** **Essentials of Microservices Architecture** *Green Buildings and Sustainable Engineering* *Thermosets* *On My Own Country* *Contemporary Issues in Construction in Developing Countries* *Intelligent Systems in Buildings* **There Is Life After Death**

This book is a collection of papers presented at the 7th ISPE International Conference on Concurrent Engineering (CE): Research and Applications. The papers deal with different topics providing information on information modelling, CE in virtual environment, and standards in CE. Solve your Go problems using a

problem-solution approach. Each recipe is a self-contained answer to a practical programming problem in Go. Go Recipes contains recipes that deal with the fundamentals of Go, allowing you to build simple, reliable, and efficient software. Other topics include working with data using modern NoSQL databases such as MongoDB and RethinkDB. The book provides in-depth guidance for building highly scalable backend APIs in Go for your mobile client applications and web client applications. All this means that you'll be able to write programs that get the most out of multicore and networked machines, using Go's novel type system that enables flexible and modular program construction. You'll see how to test your Go applications so they are ready for deployment, as well as learning how to write HTTP servers to offer you maximum flexibility when dealing with remote clients. What You'll Learn Work with the core fundamentals of Go Persist data into NoSQL databases Build scalable backend APIs Test your Go applications Create HTTP web servers in Go Who This Book Is For Experienced programmers who have some or no prior experience with Go. This book comprises selected papers from the International Conference on Civil Engineering Trends and Challenges for Sustainability (CTCS) 2019. The book presents latest research in several areas of civil engineering such as construction and structural engineering, geotechnical engineering, environmental engineering and sustainability, and geographical information systems. With a special emphasis on sustainable development, the book covers case studies and addresses key challenges in sustainability. The scope of the contents makes the book useful for students, researchers, and professionals interested in sustainable practices in civil engineering. In this new edition, Thermosets: Structure, Properties, and Applications builds on and updates the existing review of mechanical and thermal properties, as well as rheology and curing processes of

thermosets, and the role of nanostructures in thermoset toughening. All chapters have been updated or re-written, and new chapters have been added to reflect ongoing changes and developments in the field of thermosetting materials and the applications of these materials. Applications of thermosets are the focus of the second part of the book, including the use of thermosets in the building and construction industry, aerospace technology and as insulation materials. Thermoset adhesives and coatings, including epoxy resins, acrylates and polyurethanes are also discussed, followed by a review of thermosets for electrical applications. New chapters include coverage of thermoset nanocomposites, recycling issues, and applications such as consumer goods, transportation, energy and defence. With its distinguished editor and international team of expert contributors, the second edition of *Thermosets: Structure, Properties, and Applications* is an essential guide for engineers, chemists, physicists and polymer scientists involved in the development, production and application of thermosets, as well as providing a useful review for academic researchers in the field. Links structure, properties, and applications, making this book relevant to both academia and engineers in industry. Includes entirely new chapters on the use of thermosets in aerospace, transport, defense, and a range of consumer applications. Enables practitioners to stay current on the latest developments in recycling of thermosets and their composites. This practice-oriented book, now in its second edition, presents a lucid yet comprehensive coverage of the engineering properties and uses of the materials commonly used in building construction in India. Profusely illustrated with tables and diagrams, the book brings into light the basics of building materials and their specifications. Besides giving information regarding the traditional building materials, the text now acquaints the reader with up-to-date and in-depth information pertaining to modern materials available in the market. The references to IS codes and standards make this text suitable for further study and field use. The second edition possesses some substantial changes in Chapters 12, 13, 14 and 20. Now, the book offers a new section on durability of

concrete in Chapter 12; a modified section regarding revision of IS 10262 (1982) code on concrete mix design to IS 10262 (2009) and a new section on classification of exposure conditions in Chapter 13; and a new section relating to large advances made in concrete construction and repair chemicals in Chapter 14. Besides, the content of Chapter 20 has been completely updated, with a particular emphasis on the extensive use of aluminium in building construction. Primarily intended for the students pursuing undergraduate degree (B.E./B.Tech.) and diploma courses in civil engineering and architecture, the book, on account of lecture-based presentation of the subject, should also prove eminently utilitarian for the young teachers to use it in their classroom lectures as well as for practising engineers to get a clear understanding of the fundamentals of the subject. NEW TO THE SECOND EDITION Review questions at the end of each chapter enable the reader to recapitulate the topics. Considerable attention is given on field practice. Syllabus of laboratory work on construction materials and a model question paper (Anna University) are given in appendices to guide the reader. Microservices architecture (MSA) is increasingly popular with software architects and engineers as it accelerates software solution design, development, and deployment in a risk-free manner. Placing a software system into a production environment is elegantly simplified and sped up with the use of MSA development platforms, runtime environments, acceleration engines, design patterns, integrated frameworks, and related tools. The MSA ecosystem is expanding with third-party products that automate as many tasks as possible. MSA is being positioned as the enterprise-grade and agile-application design method. This book covers in-depth the features and facilities that make up the MSA ecosystem. Beginning with an overview of Service-Oriented Architecture (SOA) that covers the Common Object Request Broker Architecture (CORBA), Distributed Component Object Model (DCOM), and Remote Method Invocation (RMI), the book explains the basic essentials of MSA and the continuous delivery of applications to customers. The book gives software developers insight into: Current and emerging communication models

Key architectural elements of MSA-based applications Designing efficient APIs for microservices MSA middleware platforms such as REST, SOAP, Apache Thrift, and gRPC Microservice discovery and the API gateway Service orchestration and choreography for composing individual services to achieve a useful business process Database transactions in MSA-centric applications Design, composition, security, and deployment patterns MSA security Modernizing legacy applications The book concludes with a chapter on composing and building powerful microservices. With the exponential growth of IoT devices, microservices are being developed and deployed on resource-constrained but resource-intensive devices in order to provide people-centric applications. The book discusses the challenges of these applications. Finally, the book looks at the role of microservices in smart environments and upcoming trends including ubiquitous yet disappearing microservices. Primarily intended for the undergraduate students of mechanical engineering, civil engineering, chemical engineering and other branches of applied science, this book, now in its second edition, presents a comprehensive coverage of the basic laws of fluid mechanics. The text discusses the solutions of fluid-flow problems that are modelled by various governing differential equations. Emphasis is placed on formulating and solving typical problems of engineering practice. The book provides primary information about civil engineering to both a civil and non-civil engineering audience in areas such as construction management, estate management, and building. Basic civil engineering topics like surveying, building materials, construction technology and management, concrete technology, steel structures, soil mechanics and foundations, water resources, transportation and environment engineering are explained in detail. Codal provisions of US, UK and India are included to cater to a global audience. Insights into techniques like modern surveying equipment and technologies, sustainable construction materials, and modern construction materials are also included. Key features:

- Provides a concise presentation of theory and practice for all technical in civil engineering.
- Contains detailed theory with lucid illustrations.

- Focuses on the management aspects of a civil engineer's job.
- Addresses contemporary issues such as permitting, globalization, sustainability, and emerging technologies.
- Includes codal provisions of US, UK and India. The book is aimed at professionals and senior undergraduate students in civil engineering, non-specialist civil engineering audience This book comprises the proceedings of the International Conference on Green Buildings and Sustainable Engineering (GBSE 2019), which focused on the theme "Ecotechnological and Digital Solutions for Smart Cities". The papers included address all aspects of green buildings and sustainability practices in civil engineering, and focus on ways and means of reducing pollution and degradation of the environment through efficient usage of energy and water. The book will prove a valuable reference resource for researchers, practitioners, and policy makers. Marion and Shiva Stone are twin brothers born of a secret union between a beautiful Indian nun and a brash British surgeon. Orphaned by their mother's death and their father's disappearance and bound together by a preternatural connection and a shared fascination with medicine, the twins come of age as Ethiopia hovers on the brink of revolution. Moving from Addis Ababa to New York City and back again, Cutting for Stone is an unforgettable story of love and betrayal, medicine and ordinary miracles—and two brothers whose fates are forever intertwined. This concise, truncated version of Nagy, Varghese and Agarwal's Practical Manual of In Vitro Fertilization is comprised of select practical chapters for a portable, affordable and up-to-date resource. Building and Managing an IVF Laboratory covers a variety of topics, including: - Setting up and running an IVF laboratory - IVF laboratory equipment and culture systems - Organization of the IVF unit - Licensing and regulation in the ART laboratory - Quality control and troubleshooting Practical for both clinicians and researchers alike, Building and Managing an IVF Laboratory brings together all of the need-to-know information about these important topics in reproductive medicine. The book begins with a brief introduction, helping the reader to understand the fundamentals of stress concept and prestressed concrete systems. The

discussion then follows to explain the computation of different losses and estimation of ultimate flexural and shear strength. Important codal provisions viz. IS1343-2012, Eurocode EN2 and BSEN-1:2004 are also highlighted in this text. For clear understanding of the materials, the text is supported by a good number of figures and tables. Besides covering the important topics on design and analysis of anchorage zone stresses and analysis of continuous beam, the book also discusses composite construction and circular prestressing. The book is designed as a textbook for the senior level undergraduate and postgraduate students of civil engineering and construction technology.

KEY FEATURES
Geology is the science of earth's crust (lithosphere) consisting of rocks and soils. While mining and mineralogical engineers are more interested in rocks, their petrology (formation) and mineralogy, civil engineers are equally interested in soils and rocks, in their formations, and also in their properties for civil engineering design and construction. This book is so written that the subject can easily be taught by a civil engineering faculty member specialised in soil mechanics. Dexterously organized into four parts, this book in Part I (Chapters 1 to 11) deals with the formation of rocks and soils. The classification of soils, lake deposits, coastal deposits, wind deposits along with marshes and bogs are described in Part II (Chapters 12 to 20). As the book advances, it deals with the civil engineering problems connected with soils and rocks such as landslides, rock slides, mudflow, earthquakes, tsunami and other natural phenomena in Part III (Chapters 21 to 24). Finally, in Part IV (Chapters 25 to 30), this text discusses the allied subjects like the origin and nature of cyclones, rock mass classification and soil formation. Designed to serve as a textbook for the undergraduate students of civil engineering, this book is equally useful for the practising civil engineers.

SALIENT FEATURES :
Displays plenty of figures to clarify the concepts
Includes chapter-end review exercises to enhance the problem-solving skills of the students
Summary at the end of each chapter brings into focus the essence of the chapter
Appendices at the end of the text supply extra information on important topics
This book

gathers peer-reviewed contributions presented at the 3rd International Conference on Structural Engineering and Construction Management (SECON'22), held in Angamaly, Kerala, India, on 1-3 June 2022. The meeting served as a fertile platform for discussion, sharing sound knowledge and introducing novel ideas on issues related to sustainable construction and design for the future. The respective contributions address various aspects of numerical modeling and simulation in structural engineering, structural dynamics and earthquake engineering, advanced analysis and design of foundations, BIM, building energy management, and technical project management. Accordingly, the book offers a valuable, up-to-date tool and essential overview of the subject for scientists and practitioners alike, and will inspire further investigations and research. Data networking now plays a major role in everyday life and new applications continue to appear at a blinding pace. Yet we still do not have a sound foundation for designing, evaluating and managing these networks. This book covers topics at the intersection of algorithms and networking. It builds a complete picture of the current state of research on Next Generation Networks and the challenges for the years ahead. Particular focus is given to evolving research initiatives and the architecture they propose and implications for networking. Topics: Network design and provisioning, hardware issues, layer-3 algorithms and MPLS, BGP and Inter AS routing, packet processing for routing, security and network management, load balancing, oblivious routing and stochastic algorithms, network coding for multicast, overlay routing for P2P networking and content delivery. This timely volume will be of interest to a broad readership from graduate students to researchers looking to survey recent research its open questions.

Construction Materials is a comprehensive textbook covering all raw materials and products related to the construction processes, and not only those applied to building structures. The book is organized to help readers achieve competent knowledge about construction materials. At the beginning of the book the author offers the general concepts, definitions, and standards adopted worldwide for these

materials to be used along the book. The central part of the text covers the primary construction materials required to manufacture concrete and mortars, the most relevant construction materials in the last century. Expressly, concrete and mortar are treated in detail in dedicated chapters per component. In addition, the author addresses other relevant materials in construction such as ceramic materials, metals and alloys, bituminous materials, and geosynthetic materials. Finally, since the construction industry is one of the largest single waste producing sector in the world, the last chapter outlines the main types and characteristics of construction and demolition waste (e.g. recycled aggregates). The book appeals to students but also professionals interested in construction materials and construction and civil engineering. This edition published by results of "International Conference on Innovations in Structural Engineering and Construction" (icISEC, 29 - 30 July, 2016). The topics of edition include advancements in analysis, modeling and design of structures, structural stability and dynamics, structural monitoring, repair and strengthening, structural conservation, earthquake engineering, soil structure interaction, sustainable construction, advanced construction techniques and its management, recycling of concrete and new trends in concrete technology. This book comprises the proceedings of the International Conference on Green Buildings and Sustainable Engineering (GBSE 2018), which focused on the theme "Transforming our Built Environment through Innovation and Integration towards a Smart and Sustainable Future". The papers included address all aspects of green buildings and sustainability practices in civil engineering, and offer a valuable reference resource for researchers, practitioners, and policy makers. Economic growth and socio-economic development are particularly important for developing countries, and the construction industry plays a central role in driving both of these. Traditionally the issues faced have been assumed to be merely offshoots of those encountered in industrialised nations and are usually discussed only in this context. In addition, research in construction management and economics has generally failed to take

proper account of the unique or highly emphasised characteristics of the industries in developing countries, or their economic and social environment. This volume challenges underlying assumptions and focuses on the distinct characteristics of construction in developing countries. In so doing it considers the issues from the perspective of the developing countries themselves to present a strong contemporary picture for researchers. It forms a companion volume to *New Perspectives on Construction in Developing Countries* which provides an update on the generic subjects relating to the construction industry in developing countries, and covers new concepts and issues. Part of a four-volume set, this book constitutes the refereed proceedings of the 7th International Conference on Computational Science, ICCS 2007, held in Beijing, China in May 2007. The papers cover a large volume of topics in computational science and related areas, from multiscale physics to wireless networks, and from graph theory to tools for program development. Take a deep dive into web development using the Go programming language to build web apps and RESTful services to create reliable and efficient software. *Web Development with Go* provides Go language fundamentals and then moves on to advanced web development concepts and successful deployment of Go web apps to the cloud. *Web Development with Go* will teach you how to develop scalable real-world web apps, RESTful services, and backend systems with Go. The book starts off by covering Go programming language fundamentals as a prerequisite for web development. After a thorough understanding of the basics, the book delves into web development using the built-in package, `net/http`. With each chapter you'll be introduced to new concepts for gradually building a real-world web system. The book further shows you how to integrate Go with other technologies. For example, it provides an overview of using MongoDB as a means of persistent storage, and provides an end-to-end REST API sample as well. The book then moves on to demonstrate how to deploy web apps to the cloud using the Google Cloud platform. *Web Development with Go* provides: Fundamentals for building real-world web apps in Go Thorough coverage of

prerequisites and practical code examples Demo web apps for attaining a deeper understanding of web development A reference REST API app which can be used to build scalable real-world backend services in Go A thorough demonstration of deploying web apps to the Cloud using the Google Cloud platform Go is a high-performance language while providing greater level of developer productivity, therefore Web Development with Go equips you with the necessary skills and knowledge required for effectively building robust and efficient web apps by leveraging the features of Go. Intended as a companion volume to the author's Limit State Design of Reinforced Concrete (published by Prentice-Hall of India), the Second Edition of this comprehensive and systematically organized text builds on the strength of the first edition, continuing to provide a clear and masterly exposition of the fundamentals of the theory of concrete design. The text meets the twin objective of catering to the needs of the postgraduate students of Civil Engineering and the needs of the practising civil engineers as it focuses also on the practices followed by the industry. This text, along with Limit State Design, covers the entire design practice of revised Code IS456 (2000). In addition, it analyzes the procedures specified in many other BIS codes such as those on winds, earthquakes, and ductile detailing. What's New to This Edition Chapter 18 on Earthquake Forces and Structural Response of framed buildings has been completely revised and updated so as to conform to the latest I.S. Codes 1893 (2002) entitled Criteria for Earthquake Resistant Design of Structures (Part I - Fifth Revision). Chapters 19 and 21 which too deal with earthquake design have been revised. A Summary of elementary design of reinforced concrete members is added as Appendix. Valuable tables and charts are presented to help students and practising designers to arrive at a speedy estimate of the steel requirements in slabs, beams, columns and footings of ordinary buildings. Processes of Creating Space is a workbook for beginning designers that shows how to generate space with user experiences in mind. It explains how to keenly perceive your world and seamlessly integrate architectural representation into your design process. The book uses two main

strategies, blending the design process with material processes and media techniques and 'experiential typologies' - emphasising first-hand experience of space. Five highly experimental assignments explore the interwoven relationship between design process and design tools, to help you learn when to incorporate writing, architectural photography, macro photography, orthographic projection, perspective projection, hand-drawing, CAD, mass modelling, hot wire foam cutting, 3D modelling, multi-part plaster mold making, slip casting, plaster casting, paper casting, monocoque shell structures, working with latex, concrete, twine pulp, full-scale prototyping and more. Illustrated with more than 350 color images, the book also includes a section on material fabrication techniques and a glossary of technical terms. An eResource containing downloadable essays, stop-motion videos, sample schedules, and supplementary information can be found here:

www.routledge.com/9781138903685 This book is written for the general public, and describes the effect of earthquakes on homes and commercial buildings. It provides information for homeowners and homebuyers, and discusses precautionary steps to be taken before an earthquake. It also outlines methods to assess damage and discusses repair procedures after a seismic event. The term Maintenance of a building refers to the work done for keeping an existing building in a condition where it can perform its intended functions. Usually, the buildings last only for 40 to 50 years in a good shape just because of regular inspection and maintenance that enable timely identification of deteriorated elements. Overlooked dilapidation, inadequate maintenance and lack of repair works may lead to limited life span of a building. This comprehensive book, striving to focus on the maintenance, repair & rehabilitation and minor works of a building, presents useful guidelines that acquaint the readers with the traditional as well as modern techniques for upkeep and repairing of buildings already constructed. Dexterously organised into five parts, this book in Part I deals with the maintenance of buildings. Description of the construction chemicals, concrete repair chemicals, special materials used for repair, and repair of various parts of a building is given in

Part II. Strengthening of reinforced concrete members by shoring, underpinning, plate bonding, RC jacketing and FRP methods are explored in Part III, which also highlights rebuilding of RC slabs and protection of earth slopes. Part IV of the book exposes the reader to the minor works done in a building such as construction of compound walls, gates, watersumps, house garage, relaying of floors, joining two adjacent rooms and so on. Part V is based on some allied topics involving control on termites and fungus in buildings as well as introduction of Vaastu Shastra and its main recommendations for a single house in a plot. Using an engaging style, this book will prove to be a must-read for the undergraduate and postgraduate students of civil engineering as well as for the polytechnic and ITI diploma students. Besides, the book will also be of immense benefit to the technical professionals across the country. **KEY FEATURES** • The text displays several figures to make the concepts clear. • Chapter-end references make the text suitable for further study. • Appendices at the end of the text provide extra information on non-destructive field tests for survey of the condition of concrete buildings and rough estimation of the construction and maintenance costs of buildings. Contributed papers presented at a symposium held by International Council for Research and Innovation in Building and Construction. Foundation Engineering is of prime importance to undergraduate and postgraduate students of civil engineering as well as to practising engineers. For, there is no construction - be it buildings (government, commercial and residential), bridges, highways, or dams - that does not draw from the principles and application of this subject. Unlike many textbooks on Geotechnical Engineering that deal with both Soil Mechanics and Foundation Engineering, this text gives an exclusive treatment and an indepth analysis of Foundation Engineering. What distinguishes the text is that it not merely equips the students with the necessary knowledge for the course and examination, but provides a solid foundation for further practice in their profession later. In addition, as the book is based on the Codes prescribed by the Bureau of Indian Standards, students of Indian universities will find it

particularly useful. The author is specialized in both Soil Mechanics and Structural Engineering; he studied Soil Mechanics under the guidance of Prof. Terzaghi and Prof. Casagrande of Harvard University - the pioneers of the subject. Similarly, he studied Structural Engineering under Prof. A.L.L. Baker of Imperial College, London, the pioneer of Limit State Design. These specializations coupled with over 50 years of teaching experience of the author make this text authoritative and exhaustive. Intended as a text for undergraduate (Civil Engineering) and postgraduate (Geotechnical Engineering and Structural Engineering) students, the book would also be found highly useful to practising engineers and young academics teaching the course. Bringing together the latest information on the organization, management and quality of in-vitro fertilization (IVF) units, this is the first true field guide for the clinician working in assisted reproductive technologies (ART). Divided thematically into four main sections, part one discussed the establishment and organization of the IVF unit, including location, design and construction, practical considerations for batching IVF cycles, and regulations and risk management. Part two, the largest section, covers the many aspects of overall quality management and its implementation - staff and patient management, cryobank and PGD/PGS management, and data management - as well as optimization of treatment outcomes and statistical process control analysis to assess quality variation. Part three addresses the relationship between IVF units and society at large, including the ethics of IVF treatment, as well as public/low-cost and private/corporate IVF units. Advertising and marketing for IVF units is discussed in part four, including the building and managing of websites and the use of traditional print and social media. With approximately five thousand IVF units worldwide and a growing number of training programs, Organization and Management of IVF Units is a key resource for clinic directors, unit managers, embryologists, quality experts, and students of reproductive medicine and clinical embryology. This well recognized and established book, a companion volume to the author's book on Building Materials, explains the basics of building construction practices in an

accessible style. It discusses in detail every element of building construction from start to the finish—from site preparation to provision of services (such as water supply, drainage and electricity supply). Besides, the text describes acoustics and maintenance of buildings, which are important considerations in building construction. This book is primarily designed as an introductory text for undergraduate students of civil engineering as well as those pursuing diploma courses in civil engineering and architecture. Practicing engineers and any person who has a keen interest in the construction and maintenance of his/her own building will also find the book very helpful. Although many researchers believe that intelligent systems (IS) can improve building performance, the potential of such systems has not yet been fully recognized with regards to the traditional courtyard house (TCHT). Such research is important given the role of adding IS to TCHTs; due to the nature of intelligent systems and the priority of their needs and building considerations. As such, one must consider many interrelated aspects that can enhance courtyard house performance in order to fulfil occupants' needs. This book identifies the key features of the traditional courtyard house, and shows that a detailed knowledge of the features and capabilities of intelligent systems is an important aspect in the decision-making process in order to enhance the performance of courtyard houses. This book provides a quick practical reference and guideline for drafting contractual letters saving time for Contractors. This book will be useful to commercial managers, contracts managers, project managers, quantity surveyors working on construction projects internationally for use with FIDIC Conditions of Contract for Construction for Building and Engineering Works, First Edition 1999 called the Red Book. The letters are arranged and written in the order of clause numbering in FIDIC. Although the book is written mainly for Contractors, the book will be of use to subcontractors, construction industry professionals and students as well. Is death the end? Or, to put it another way, do we survive bodily death? Some shrug their shoulders and declare we simply can't know. Others just say "No." And a few, flying their philosophical

colors, pretentiously profess to not even understand the question. Curiously, the overwhelming majority of human beings throughout the course of history have taken it for granted that death is not the end, that there is a life after death. This striking and seemingly instinctive belief has been embodied in the religious traditions and philosophical reflections of most cultures. There is Life After Death is the first of its kind in that it assembles and analyzes a comprehensive range of data on life after death and then provides a framework to understand the data. No previous book has given a concrete structure of the afterlife that is based on the accounts of "eye"-witnesses, as well as on data from diverse sources. Above all, the book provides exciting and compelling answers to the urgent question: what lies on the other side? Welcometothe6thInternationalWorkshoponPassiveandActiveMeasurement, held in Boston, Massachusetts. PAM 2005 was organized by Boston University, with financial support from Endace Measurement Systems and Intel. PAM continues to grow and mature as a venue for research in all aspects of Internet measurement. This trend is being driven by increasing interest and activity in the field of Internet measurement. To accommodate the increasing interest in PAM, this year the workshop added a Steering Committee, whose members will rotate, to provide continuity and oversight of the PAM workshop series. PAMplaysaspecialroleinthemeasurementcommunity. Itemphasizespr- matic, relevant research in the area of network and Internet measurement. Its focus re?ects the increasing understanding that measurement is critical to e?- tive engineering of the Internet's components. This is clearly a valuable role, as evidenced by the yearly increases in the number of submissions, interest in, and attendance at PAM. PAM received 84 submissions this year. Each paper was reviewed by three or four Program Committee (PC) members during the first round. Papers that received conflicting scores were further reviewed by additional PC members or external reviewers (typically two). After all reviews were received, each paper with conflicting scores was discussed extensively by its reviewers, until a consensus was reached. The PC placed particular emphasis on selecting

papers that were fresh and exciting research contributions. Also, strong preference was given to papers that included validation results based on real measurements. Set against the backdrop of tensions in East Asia, this book analyzes how East Asia's "new middle powers" and emerging powers employ public diplomacy as a key element of their foreign policy strategy and in so doing influence regional power dynamics. The volume brings together contributions from an international and influential group of scholars, who are leading debates on public diplomacy within East Asia. Where the study of public diplomacy has so far focused primarily on the West, the essays in this book highlight the distinct strategies of East Asian powers and demonstrate that understanding public diplomacy requires studying its strategies and practices outside as much as within the Western world. A focus on public diplomacy likewise gives us a more varied picture of state-to-state relations in East Asia.

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