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Software Engineering Software Engineering Reliability Engineering **A New Approach to I.C.S.E. Chemistry for Class X** Machine Learning Algorithms and Applications *Optimal Reliability Design* Medicine: Prep Manual for Undergraduates E-book **The Ice Cream Book** S. CHAND'S SOCIAL SCIENCES FOR CLASS 6 Lions 321A1 District Directory *S. CHAND'S SOCIAL SCIENCES FOR CLASS 7* Bibliography of Agriculture The Probability Tutoring Book **Integrated Intelligent Systems for Engineering Design Advances in Manufacturing and Industrial Engineering Distributed Computing** Reliability Modeling, Analysis and Optimization *CSI Cardiology Update 2018* **The Marwari Heritage** Strategic Management During a Pandemic Outlier Analysis **Paediatric Dentistry Genome Engineering for Crop Improvement PULSE AND DIGITAL CIRCUITS** *Pre-Descemet's Endothelial Keratoplasty (PDEK)* **Formalism and Marxism Applications of Soft Computing** *SARS-CoV-2 Origin and COVID-19 Pandemic Across the Globe* **Naval Research Logistics Quarterly** Current Affairs October 2016 eBook **Health Laws in India** OBJECT-ORIENTED SOFTWARE ENGINEERING **Cumulated Index Medicus Swarm Intelligent Systems** *S. CHAND'S SOCIAL SCIENCES FOR CLASS 8 Judo Karate* **Reliability Engineering Herbal Drugs: Ethnomedicine to Modern Medicine** *Advanced Reliability Modeling*

S. CHAND'S SOCIAL SCIENCES FOR CLASS 6 Feb 23 2022 The series, Awareness Social Sciences for classes VI, VII and VIII is based on the syllabus as specified by NCERT for the latest sessions. The syllabus has tried to link the academic curriculum with real life and, thus, dwelled on connecting the students' understanding with the real world around them. Accordingly, this book has incorporated real life examples , case studies, story lines and narratives which could be immensely helpful in assimilation and to inculcate interests among the students significantly.

Strategic Management During a Pandemic Feb 11 2021 The COVID-19 pandemic changed world dynamics, working scenarios, as well as professional and emotional dimensions. The virus has emerged as a significant threat for the continuity of business. Keeping the gravity of the problem in mind, companies must understand the need for change and must now update their strategy to account for pandemics. The next pandemic may be more severe than the current one, meaning that organizations need to devise mechanisms and business models to fight with these situations and maintain business continuity. They should

not only look forward to saving plants, machinery and infrastructure, but also concentrate on employee welfare, customer engagement and satisfaction during this crisis time. The book will not only present the evidence of various effective solutions to run a business in the time of a pandemic, but also put forward the new models and practices of business being followed by people at the time of crisis. It aims to create a bridge between existing business models and proposed business solutions, focusing on existing theories and most importantly case studies from recent happenings. This rich collection of chapters will provide insights regarding the business challenges, opportunities and practices during pandemic situations like COVID-19, making it particularly valuable to researchers, academics and students in the fields of strategic management, leadership and disaster management.

Cumulated Index Medicus Jan 01 2020

PULSE AND DIGITAL CIRCUITS Oct 10 2020 The second edition of this well-received text continues to provide a coherent and comprehensive coverage of Pulse and Digital Circuits, suitable as a textbook for use by undergraduate students pursuing courses in Electrical and Electronics Engineering, Electronics and Communication Engineering, Electronics and Instrumentation Engineering, and Telecommunication Engineering. It presents clear explanations of the operation and analysis of semiconductor pulse circuits. Practical pulse circuit design methods are investigated in detail. The book provides numerous fully worked-out, laboratory-tested examples to give students a solid grounding in the related design concepts. It includes a number of classroom-tested problems to encourage students to apply theory in a logical fashion. Review questions, fill in the blanks, and multiple choice questions offer the students the opportunity to test their understanding of the text material. This text will be also appropriate for self-study by AMIE and IETE students. NEW TO THIS EDITION : • Includes two new chapters—Logic Gates and Logic Families—to meet the curriculum requirements. • Provides short questions with answers at the end of each chapter. • Presents several new illustrations, examples and exercises

Optimal Reliability Design May 29 2022 Optimal Reliability Design provides a detailed introduction to systems reliability and reliability optimization. State-of-the-art techniques for maximizing system reliability are described, focusing on component reliability enhancement and redundancy arrangement. The authors present several case studies and show how optimization techniques are applied in practice. They also pay particular attention to finding methods that give the optimal trade-off between reliability and cost. The book is suitable for use on graduate-level courses in reliability engineering and operations research. It will also be a valuable reference for practising engineers.

Lions 321A1 District Directory Jan 25 2022 District Governor PMJF

Lion VIJAY BUDHIRAJA published the Lions Directory of District 321A1 for 2016-17 as a print edition in December 2016. This Digital Edition is a replica of the printed book and enables portability of the same information and read in the Mobile Phones or eReaders. Keep Serving Be Happy is the slogan of the Governor for this year.

OBJECT-ORIENTED SOFTWARE ENGINEERING Jan 31 2020 This comprehensive and well-written book presents the fundamentals of object-oriented software engineering and discusses the recent technological developments in the field. It focuses on object-oriented software engineering in the context of an overall effort to present object-oriented concepts, techniques and models that can be applied in software estimation, analysis, design, testing and quality improvement. It applies unified modelling language notations to a series of examples with a real-life case study. The example-oriented approach followed in this book will help the readers in understanding and applying the concepts of object-oriented software engineering quickly and easily in various application domains. This book is designed for the undergraduate and postgraduate students of computer science and engineering, computer applications, and information technology. KEY FEATURES : Provides the foundation and important concepts of object-oriented paradigm. Presents traditional and object-oriented software development life cycle models with a special focus on Rational Unified Process model. Addresses important issues of improving software quality and measuring various object-oriented constructs using object-oriented metrics. Presents numerous diagrams to illustrate object-oriented software engineering models and concepts. Includes a large number of solved examples, chapter-end review questions and multiple choice questions along with their answers.

Pre-Descemet's Endothelial Keratoplasty (PDEK) Sep 08 2020 Corneal transplantation is a widely practised surgical procedure. Lamellar techniques are favoured replacing penetrating keratoplasty (PK). Endothelial keratoplasty (EK) has been adapted as an alternative in the treatment of corneal endothelial disorders whereby Descemet's membrane and the endothelium are replaced. Pre-Descemet's endothelial keratoplasty (PDEK) is the latest surgical technique for corneal transplantation. This book is a step by step guide to PDEK for practising ophthalmologists. Divided into five sections, the text begins with the basics explaining corneal anatomy, pre-operative assessment, general techniques in keratoplasty, and the principles of PDEK. The following chapters discuss surgical techniques, special situations, and complications and results. The text covers numerous clinical scenarios and concludes with a section on miscellaneous topics such as OCT guided PDEK, eye bank preparation, and cosmetic iris implant complications. The text is further enhanced by surgical photographs and includes an interactive DVD ROM demonstrating PDEK

techniques. Key points Step by step guide to Pre-Descemet's endothelial keratoplasty (PDEK) Explains surgical techniques for numerous clinical scenarios Includes miscellaneous topics such as OCT guided PDEK and cosmetic iris implant complications Accompanying DVD ROM demonstrates PDEK techniques

Integrated Intelligent Systems for Engineering Design Sep 20 2021 "This book aims to describe recent findings and emerging techniques that use intelligent systems (particularly integrated and hybrid paradigms) in engineering design, and examples of applications. The goal is to take a snapshot of progress relating to research into systems for supporting design and to disseminate the way in which recent developments in integrated, knowledge-intensive, and computational AI techniques can improve and enhance such support. The selected articles provide an integrated, holistic perspective on this complex set of challenges and provide rigorous research results. The focus of this publication is on the integrated intelligent methodologies, frameworks and systems for supporting engineering design activities. The subject pushes the boundaries of the traditional topic of engineering design into new areas. The book is of interest to researchers, graduate students and practicing engineers involved in engineering design and applications using integrated intelligent techniques. In addition, managers and others can use it to obtain an overview of the subject, and gain a view about the applicability of this technology to their business. As AI and intelligent systems technologies are fast evolving, the editors hope that this book can serve as a useful insight to the readers on the state-of-the-art applications and developments of such techniques at the time of compilation."

Distributed Computing Jun 17 2021 This book constitutes the refereed proceedings of the 4th International Workshop on Distributed Computing, IWDC 2002, held in Calcutta, India, in December 2002. The 31 revised full papers and 3 student papers presented together with 3 keynote papers were carefully reviewed and selected from more than 90 submissions. The papers are organized in topical sections on Web caching, distributed computing, wireless networks, wireless mobile systems, VLSI and parallel systems, optical networks, and distributed systems.

Current Affairs October 2016 eBook Apr 03 2020 Current Affairs October 2016 eBook brought to you by Jagranjosh.com covers all the international and national current affairs that happened from 1 September to 30 September 2016 and it would of great help to the candidates while preparing for different competitive exams like IAS/PCS, SSC, Bank, MBA and others. Details – Current Affairs October 2016 eBook • It provides the comprehensive coverage of the current

affairs that happened in September 2016. • It covers the current affairs of September 2016 with ample background and provides a detailed analysis of all the events related to national, international, economy, science & technology, environment & ecology. • The presentation of the current affairs is provided in very simple and easy-to-understand language. • Some important topics covered in the e-Book includes G20 Summit, Surgical strikes of Indian Army, eight satellites launched and placed in two different Orbits by ISRO, 500th Test match of India, formation of GST Council, translation of UN Charter into Sanskrit Language and India-Vietnam agreements among others. • The eBook will be handy for the forthcoming exams like MAT Exam 2016, IBPS PO and Clerk, Gramin Bank and others.

The Probability Tutoring Book Oct 22 2021 A self-study guide for practicing engineers, scientists, and students, this book offers practical, worked-out examples on continuous and discrete probability for problem-solving courses. It is filled with handy diagrams, examples, and solutions that greatly aid in the comprehension of a variety of probability problems.

The Ice Cream Book Mar 27 2022 A master chef — and one of the founders of Gourmet magazine—introduces the fundamentals of homemade frozen desserts with recipes for hundreds of mouthwatering treats. Louis P. DeGouy presents over 400 tried-and-true recipes for coupes, bombes, frappés, ices, mousses, parfaits, sherbets, and ice creams, including almost 200 ice cream recipes for butterscotch, eggnog, lemon, mocha, peach, peanut, strawberry, vanilla, and other delectable flavors. Most of these recipes can be made with just an ordinary refrigerator-freezer, without the need for special attachments. DeGouy covers the blending of milk and cream, operating a hand freezer or a refrigerator, blanching nuts, preparing fruits, and many other procedures. Each chapter offers several recipes for a different kind of ice cream, accompanied by thorough instructions. And even if you don't care to make your own ice cream, you'll find a wealth of ideas for dressing up frozen desserts, from suggestions for simple sauces to recipes for baked Alaska and ice cream eclairs.

Outlier Analysis Jan 13 2021 This book provides comprehensive coverage of the field of outlier analysis from a computer science point of view. It integrates methods from data mining, machine learning, and statistics within the computational framework and therefore appeals to multiple communities. The chapters of this book can be organized into three categories: Basic algorithms: Chapters 1 through 7 discuss the fundamental algorithms for outlier analysis, including probabilistic and statistical methods, linear methods, proximity-based methods, high-dimensional (subspace) methods, ensemble methods, and supervised methods. Domain-specific methods: Chapters 8 through 12 discuss outlier detection algorithms for various domains of data, such as text, categorical data, time-series data, discrete

sequence data, spatial data, and network data. Applications: Chapter 13 is devoted to various applications of outlier analysis. Some guidance is also provided for the practitioner. The second edition of this book is more detailed and is written to appeal to both researchers and practitioners. Significant new material has been added on topics such as kernel methods, one-class support-vector machines, matrix factorization, neural networks, outlier ensembles, time-series methods, and subspace methods. It is written as a textbook and can be used for classroom teaching.

Health Laws in India Mar 03 2020 The relationship between health and law in not new but the relation is multifaceted. Law and health are both subjects with an inherent dynamism. Health and law as a curricular subject of law is a recent addition and is taught in law colleges under many universities. This edited book tries to focus on the intersection between law and health. It is divided into five extensive sections: Concept of Health; Medical Profession, Patient and the Law; Organization of Public Health Care and Medical Jurisprudence; Insurance and Victim Compensation; and Health Legislative Perspective. The book will be helpful to prepare a foundation for understanding and analysis of advanced knowledge in the field of health and its relationship with law. This book will also be helpful for the teachers, students, researchers, lawyers, judges, law firms, medical professionals, academics, libraries, law universities and anyone interested in the subject.

Judo Karate Sep 28 2019 In the normal course of life we just tap a fraction of our total physical and mental energies. With certain disciplines, however, we can tap our potential to a great extent. Now realize the amazing strength of your body by practising martial arts. the book reveals the techniques and secrets involved in Judo and Karate and helps you to become a performer. By learning them, you can floor any unarmed (or even armed) adversary and defend yourself. In fact, Judo-Karate is the art of kick-boxing practised in the traditional Chinese Shaolin Temple. It was the most popular form of martial art presently practiced with an intent in sports arena. Though it was meant to ward off the advances of the enemy warriors in ancient times, it was also effectively practised to keep monks in good health and develop physical, mental and spiritual coordination for better evolution of mind, body, spirit in the revered practice of Yoga. Today this venerable art form has become a general principle of physical development and sport. This basic book on Judo & Karate will help you know the rules and principles of the art and teach you most aspects of self-defense. Fully illustrated to help self-learning, it teaches you the positions and movements, points of contact, breathing techniques and many other secret techniques of Chinese Taoist yoga.

The Marwari Heritage Mar 15 2021 From the early Vedic period, the Vaishyas, the oldest mercantile community of India, generated wealth

for the nation through their remarkable efforts. Their Marwari offshoots were appointed by many rulers as ministers, advisors and diwans and were recognised as the first philanthropists in India. The Marwari Heritage takes the reader on a voyage of discovery of the Marwaris who migrated from Rajputana, Haryana, Malwa and its adjoining regions to other parts of India. They braved trials and tribulations in unchartered territories, supporting others of their community, never losing faith in their ability to succeed, and focused on their goal, they became the uncrowned kings, first of trade and business, and later of industry. They joined the freedom struggle with a true spirit of patriotism, philanthropy and active political involvement. Many courted imprisonment and even achieved martyrdom. Today, the roots of the Marwari community are deeply enmeshed in the social, cultural and economic fabric of India. Their innate psyche of giving back to society has seen them donate generously to education, empowerment of women and vocational training leading to employment. Shedding some traditions and retaining many, they have stepped into the modern age, achieving an enviable cultural mix. At the helm of most successful entrepreneurial enterprises, their focus on innovation and technological advancement has resulted in governments of several countries seeking their advice on economic growth. Of the many who have left an indelible mark on the history, socio-political and economic foundations of the country, this book is enriched with rich cameos of some of these 'greats' and the reader derives insights into numerous newly discovered and hitherto unrecorded facts. The younger generation of Marwaris continue to dream big and build on the foundations their forefathers planted. They continue to grow from strength to strength, marching towards new horizons. The plethora of welfare schemes and trusts responsible for development of the nation's needy continue to be monitored with precision. Meticulously researched over five years and richly illustrated with over 100 rare, coloured photographs, paintings, and 600 black and white photographs, illustrations and rare documents published for the first time, readers have much to feast their eyes on. This pictorial book also serves as an inspiration to any and everyone who dares to dream and reach for the skies.

Formalism and Marxism Aug 08 2020 Russian Formalism and Marxist criticism had a seismic impact on twentieth-cetury literary theory and the shockwaves are still felt today. First published in 1979, Tony Bennett's Formalism and Marxism created its own reverberations by offering a ground-breaking new interpretation of the Formalists' achievements and demanding a new way forward in Marxist criticism. The author first introduces and reviews the work of the Russian Formalists, a group of theorists who made an extraordinarily vital contribution to literary criticism in the decade followig the October Revolution of 1917. Placing the work of key figures in context and

addressing such issues as aesthetics, linguistics and the category of literature, literary form and function and literary evolution, Bennett argues that the Formalists' concerns provided the basis for a radically historical approach to the study of literature. Bennett then turns to the situation of Marxist criticism ad sketches the risks it has run in becoming overly entangled with the concerns of traditional aesthetics. He forcefully argues that through a serious and sympathetic reassessment of the Formalists and their historical approach, Marxist critics might find their way back on to the terrain of politics, where they and theri work belong. Addressing such crucial questions as 'What is literature?' or 'How should it be studied and to what end?', Formalism and Marxism explores ideas which should be considered by any student or reader of literature and provides a particular challenge to those interested in Marxist criticism. Now with a new afterword, this classic text still offers the best available starting point for those new to the field, as well as representing a crucial intervention in twentieth-century literary theory.

CSI Cardiology Update 2018 Apr 15 2021

Applications of Soft Computing Jul 07 2020 This book provides a comprehensive overview of recent advances in the industrial applications of soft computing. It covers a wide range of application areas, including optimisation, data analysis and data mining, computer graphics and vision, prediction and diagnosis, design, intelligent control, and traffic and transportation systems. The book is aimed at researchers and professional engineers engaged in developing and applying intelligent systems.

Reliability Engineering Aug 27 2019 Modern society depends heavily upon a host of systems of varying complexity to perform the services required. The importance of reliability assumes new dimensions, primarily because of the higher cost of these highly complex machines required by mankind and the implication of their failure. This is why all industrial organizations wish to equip their scientists, engineers, managers and administrators with a knowledge of reliability concepts and applications. Based on the author's 20 years experience as reliability educator, researcher and consultant, Reliability Engineering introduces the reader systematically to reliability evaluation, prediction, allocation and optimization. It also covers further topics, such as maintainability and availability, software reliability, economics of reliability, reliability management, reliability testing, etc. A reliability study of some typical systems has been included to introduce the reader to the practical aspects. The book is intended for graduate students of engineering schools and also professional engineers, managers and reliability administrators as it has a wide coverage of reliability concepts.

Naval Research Logistics Quarterly May 05 2020

Medicine: Prep Manual for Undergraduates E-book Apr 27 2022 With ever-expanding knowledge and advances in medicine, the sixth edition of this book is significantly revised and presented in new full-colour format. Structured in question-answer format, this book is a must-have for all undergraduate medical students as it prepares them for both theory and viva-voce examinations. It is also useful for dentistry and nursing students. • Thorough revision of all the chapters without changing basic framework to keep up with the latest changes in the field of medicine. • Revision of topics especially respiratory system, immunological factors in disease, diseases of the cardiovascular system, diseases of the gastrointestinal system, acute poisoning and environmental emergencies, oncology, diseases of the kidneys and genitourinary system, diseases due to infections, endocrine and metabolic diseases. • Presentation of text pointwise with suitable boxes and tables, which helps the student in quick learning and revision. • Addition of newer innovations and treatments modalities. • Inclusion of clinical decision pathways for some of the commonly encountered critical and non-emergent disease conditions • Expansion of normal values of investigations and understanding the evolution of disease. • Management of acute medical emergencies like acute myocardial infarction, acute pulmonary oedema, acute anaphylactic and hypovolumic shock, status asthmaticus, tension pneumothorax, status epilepticus, haemoptysis, gastrointestinal bleeding, diabetic coma, snake bites, common poisoning, etc. • Emphasis has been laid on clinical presentation with description of the drugs. New to this Edition • Addition of many new line diagrams, tables, flowcharts to facilitate greater retention of knowledge. • Updates on Zika, Ebola, Nipah, sepsis, monoclonal antibodies, adult immunisation, paracetamol poisoning, acute radiation syndrome, myelodysplastic syndrome, lymphoid malignancies, influenza, tuberculosis, human immunodeficiency virus infection, hepatitis B and C, heart failure, rheumatic fever, pulmonary hypertension and hyperlipidaemia. Additional Feature • Complimentary access to full e-book

A New Approach to I.C.S.E. Chemistry for Class X Jul 31 2022 Goyal Brothers Prakashan

S. CHAND'S SOCIAL SCIENCES FOR CLASS 7 Dec 24 2021 The series, Awareness Social Sciences for classes VI, VII and VIII is based on the syllabus as specified by NCERT for the latest sessions. The syllabus has tried to link the academic curriculum with real life and, thus, dwelled on connecting the students' understanding with the real world around them. Accordingly, this book has incorporated real life examples , case studies, story lines and narratives which could be immensely helpful in assimilation and to inculcate interests among the students significantly.

Herbal Drugs: Ethnomedicine to Modern Medicine Jul 27 2019 Considerable progress has been made in our healthcare system, in

particular with respect to sensitive diagnostic tools, reagents and very effective and precise drugs. On the other hand, high-throughput screening technology can screen vast numbers of compounds against an array of targets in a very short time, and leads thus - tained can be further explored. In developing countries, the exploding population exerts pressure not only on natural resources but also on the human population - self, whose members strive to become successful and advance in society. This leads to increased blood pressure, anxiety, obesity-associated lipid disorders, cardiov- cular diseases and diabetes. Most of these diseases result in disturbed family life, including sexual behaviour. Despite technological developments, herbal drugs still occupy a preferential place in a majority of the population in the Third World and terminal patients in the West. Herbal drugs, in addition to being cost effective and easily accessible, have been used since time immemorial and have passed the test of time without having any side effects. The multitarget effects of herbs (holistic approaches) are the fun- mental basis of their utilization. This approach is already used in traditional systems of medicine like Ayurveda, which has become more popular in the West in recent years. However, the integration of modern science with traditional uses of herbal drugs is of the utmost importance if ones wishes to use ancient knowledge for the betterment of humanity.

Advanced Reliability Modeling Jun 25 2019 The 2004 Asian International Workshop on Advanced Reliability Modeling is a symposium for the dissemination of state-of-the-art research and the presentation of practice in reliability engineering and related issues in Asia. It brings together researchers, scientists and practitioners from Asian countries to discuss the state of research and practice in dealing with reliability issues at the system design (modeling) level, and to jointly formulate an agenda for future research in this engineering area. The proceedings cover all the key topics in reliability, maintainability and safety engineering, providing an in- depth presentation of theory and practice. The proceedings have been selected for coverage in: . OCo Index to Scientific & Technical Proceedings- (ISTP- / ISI Proceedings). OCo Index to Scientific & Technical Proceedings (ISTP CDROM version / ISI Proceedings). OCo CC Proceedings OCo Engineering & Physical Sciences."

Genome Engineering for Crop Improvement Nov 10 2020 In recent years, significant advancements have been made in the management of nutritional deficiency using genome engineering—enriching the nutritional properties of agricultural and horticultural crop plants such as wheat, rice, potatoes, grapes, and bananas. To meet the demands of the rapidly growing world population, researchers are developing a range of new genome engineering tools and strategies, from increasing the nutraceuticals in cereals and fruits, to decreasing the anti-nutrients in crop plants to improve the

bioavailability of minerals and vitamins. Genome Engineering for Crop Improvement provides an up-to-date view of the use of genome editing for crop bio-fortification, improved bioavailability of minerals and nutrients, and enhanced hypo-allergenicity and hypo-immunogenicity. This volume examines a diversity of important topics including mineral and nutrient localization, metabolic engineering of carotenoids and flavonoids, genome engineering of zero calorie potatoes and allergen-free grains, engineering for stress resistance in crop plants, and more. Helping readers deepen their knowledge of the application of genome engineering in crop improvement, this book: Presents genetic engineering methods for developing edible oil crops, mineral translocation in grains, increased flavonoids in tomatoes, and cereals with enriched iron bioavailability Describes current genome engineering methods and the distribution of nutritional and mineral composition in important crop plants Offers perspectives on emerging technologies and the future of genome engineering in agriculture Genome Engineering for Crop Improvement is an essential resource for academics, scientists, researchers, agriculturalists, and students of plant molecular biology, system biology, plant biotechnology, and functional genomics.

Advances in Manufacturing and Industrial Engineering Jul 19 2021 This book presents selected peer reviewed papers from the International Conference on Advanced Production and Industrial Engineering (ICAPIE 2019). It covers a wide range of topics and latest research in mechanical systems engineering, materials engineering, micro-machining, renewable energy, industrial and production engineering, and additive manufacturing. Given the range of topics discussed, this book will be useful for students and researchers primarily working in mechanical and industrial engineering, and energy technologies.

Software Engineering Nov 03 2022

SARS-CoV-2 Origin and COVID-19 Pandemic Across the Globe Jun 05 2020 The current COVID-19 pandemic has infected more than 219 million people and killed more than 4.5 million people worldwide. It has also impacted the socioeconomic status of affected countries and led to the fastest development of vaccines in history. Over seven sections and seventeen chapters, this book comprehensively reviews numerous aspects of COVID-19, including epidemiology, zoonosis, drug development, telehealth, the effects of the virus on healthcare workers, the importance of architecture, and urbanism in preventing future pandemics, and much more.

Reliability Engineering Sep 01 2022 Modern society depends heavily upon a host of systems of varying complexity to perform the services required. The importance of reliability assumes new dimensions, primarily because of the higher cost of these highly complex machines required by mankind and the implication of their failure. This is why all industrial organizations wish to equip their scientists,

engineers, managers and administrators with a knowledge of reliability concepts and applications. Based on the author's 20 years experience as reliability educator, researcher and consultant, Reliability Engineering introduces the reader systematically to reliability evaluation, prediction, allocation and optimization. It also covers further topics, such as maintainability and availability, software reliability, economics of reliability, reliability management, reliability testing, etc. A reliability study of some typical systems has been included to introduce the reader to the practical aspects. The book is intended for graduate students of engineering schools and also professional engineers, managers and reliability administrators as it has a wide coverage of reliability concepts.