69mb File Electrical Estimating And Costing By Jb

Eventually, you will no question discover a new experience and feat by spending more cash. nevertheless when? realize you put up with that you require to get those all needs subsequently having significantly cash? Why dont you attempt to get something basic in the beginning? Thats something that will guide you to understand even more a propos the globe, experience, some places, gone history, amusement, and a lot more?

It is your unconditionally own period to show reviewing habit. accompanied by guides you could enjoy now is **69mb File Electrical Estimating And Costing By Jb** below.

Handbook of Accelerator Physics and Engineering - Alexander Wu Chao 2013 Edited by internationally recognized authorities in the field, this expanded and updated new edition of the bestselling Handbook, containing more than 100 new articles, is aimed at the design and operation of modern particle accelerators. It is intended as a vade mecum for professional engineers and physicists engaged in these subjects. With a collection of more than 2000 equations, 300 illustrations and 500 graphs and tables, here one will find, in addition to the

common formulae of previous compilations, hard-to-find, specialized formulae, recipes and material data pooled from the lifetime experience of many of the world''s most able practitioners of the art and science of accelerators.The eight chapters include both theoretical and practical matters as well as an extensive glossary of accelerator types. Chapters on beam dynamics and electromagnetic and nuclear interactions deal with linear and nonlinear single particle and collective effects including spin motion, beam-environment, beam-beam, beam-electron, beam-ion and intrabeam interactions. The impedance concept and related calculations are dealt with at length as are the instabilities associated with the various interactions mentioned. A chapter on operational considerations includes discussions on the assessment and correction of orbit and optics errors, real-time feedbacks, generation of short photon pulses, bunch compression, tuning of normal and superconducting linacs, energy recovery linacs, free electron lasers, cooling, space-charge compensation, brightness of light sources, collider luminosity optimization and collision schemes. Chapters on mechanical and electrical considerations present material data and important aspects of component design including heat transfer and refrigeration. Hardware systems for particle sources, feedback systems, confinement and acceleration (both normal conducting and superconducting) receive detailed treatment in a subsystems chapter, beam measurement techniques and apparatus being treated therein as well. The closing chapter gives data and methods for radiation protection computations as well as much data on radiation damage to various materials and devices.A detailed name and subject index is provided together with reliable references to the literature where the most detailed information available on all subjects treated can be found.
Vocal Technique - Julia Davids 2012-03-13
Vocal Technique: A Guide for Conductors,

Teachers, and Singers is the first book to connect the disciplines of vocal pedagogy, vocal science, and choral technique. It fills a need for accurate, well-researched, and easy-to-read information on how to teach and learn singing in both solo and choral contexts. This concise yet comprehensive guidebook offers numerous, practical voice-building and problem-solving suggestions and exercises, as well as clear photographs and elegant illustrations. The authors thoroughly address important topics such as breathing, onset, resonance, vowel modification, vibrato, register transitions, range extension, intonation, changing voices (both adolescent and aging), and vocal health. They integrate the perspectives of renowned artists, choral professionals, vocal pedagogues, and the latest in vocal science. This is a must-have for conductors, voice teachers, and music educators, and will benefit solo and choral singers of all ages and abilities. FUNDAMENTALS OF SOFTWARE ENGINEERING, FIFTH EDITION - MALL, RAJIB 2018-09-01 This new edition of the book, is restructured to trace the advancements made and landmarks achieved in software engineering. The text not only incorporates latest and enhanced software engineering techniques and practices, but also shows how these techniques are applied into the practical software assignments. The chapters are incorporated with illustrative examples to add an analytical insight on the subject. The book is logically organised to cover expanded and revised treatment of all software process activities. KEY FEATURES • Large number of worked-out examples and practice problems • Chapter-end exercises and solutions to selected problems to check students' comprehension on the subject • Solutions manual available for instructors who are confirmed adopters of the text • PowerPoint slides available online at www.phindia.com/rajibmall to provide integrated learning to the students NEW TO

THE FIFTH EDITION • Several rewritten sections in almost every chapter to increase readability • New topics on latest developments, such as agile development using SCRUM, MC/DC testing, quality models, etc. • A large number of additional multiple choice questions and review questions in all the chapters help students to understand the important concepts TARGET AUDIENCE • BE/B.Tech (CS and IT) • BCA/MCA • M.Sc. (CS) • MBA

Book of Abstracts of the 70th Annual Meeting of the European Federation of Animal Science - Scientific Committee 2019-08-26 This Book of Abstracts is the main publication of the 70th Annual Meeting of the European Federation of Animal Science (EAAP). It contains abstracts of the invited papers and contributed presentations of the sessions of EAAP's eleven Commissions: Animal Genetics, Animal Nutrition, Animal Management and Health, Animal Physiology, Cattle Production, Sheep and Goat Production, Pig Production, Horse Production and Livestock Farming Systems, Insects and Precision Livestock Farming.

Benford's Law - Steven J. Miller 2015-06-09 Benford's law states that the leading digits of many data sets are not uniformly distributed from one through nine, but rather exhibit a profound bias. This bias is evident in everything from electricity bills and street addresses to stock prices, population numbers, mortality rates, and the lengths of rivers. Here, Steven Miller brings together many of the world's leading experts on Benford's law to demonstrate the many useful techniques that arise from the law, show how truly multidisciplinary it is, and encourage collaboration. Beginning with the general theory, the contributors explain the prevalence of the bias, highlighting explanations for when systems should and should not follow Benford's law and how quickly such behavior sets in. They go on to discuss important applications in disciplines ranging from accounting and economics to psychology and the

natural sciences. The contributors describe how Benford's law has been successfully used to expose fraud in elections, medical tests, tax filings, and financial reports. Additionally, numerous problems, background materials, and technical details are available online to help instructors create courses around the book. Emphasizing common challenges and techniques across the disciplines, this accessible book shows how Benford's law can serve as a productive meeting ground for researchers and practitioners in diverse fields.

Handbook of Plant and Crop Stress - Mohammad Pessarakli 2016-04-19
The dynamic and expanding knowledge of environmental stresses and their effects on plants and crops have resulted in the compilation of a large volume of information in the last ten years since the publication of the second edition of the Handbook of Plant and Crop Stress. With 90 percent new material and a new organization that reflects this incre

Predisposed - John R. Hibbing 2013-09-23
Buried in many people and operating largely outside the realm of conscious thought are forces inclining us toward liberal or conservative political convictions. Our biology predisposes us to see and understand the world in different ways, not always reason and the careful consideration of facts. These predispositions are in turn responsible for a significant portion of the political and ideological conflict that marks human history. With verve and wit, renowned social scientists John Hibbing, Kevin Smith, and John Alford—pioneers in the field of biopolitics—present overwhelming evidence that people differ politically not just because they grew up in different cultures or were presented with different information. Despite the oft-heard longing for consensus, unity, and peace, the universal rift between conservatives and liberals endures because people have diverse psychological, physiological, and genetic traits. These biological differences influence much of

what makes people who they are, including their orientations to politics. Political disputes typically spring from the assumption that those who do not agree with us are shallow, misguided, uninformed, and ignorant. Predisposed suggests instead that political opponents simply experience, process, and respond to the world differently. It follows, then, that the key to getting along politically is not the ability of one side to persuade the other side to see the error of its ways but rather the ability of each side to see that the other is different, not just politically, but physically. Predisposed will change the way you think about politics and partisan conflict. As a bonus, the book includes a "Left/Right 20 Questions" game to test whether your predispositions lean liberal or conservative.

Introduction to Materials Management - J. R. Tony Arnold 2001
This introductory textbook describes the basics of supply chain management, manufacturing planning and control systems, purchasing, and physical distribution. The fourth edition makes additions in kanban, supply chain concepts, system selection, theory of constraints and drum-buffer-rope, and need f

The State of the World's Children 2005 - United Nations Children's Fund (UNICEF) 2005-12-31
The 2005 edition of UNICEF□s State of the World□s Children focuses on how poverty, conflict and HIV/AIDS threaten the idea of childhood as a period of time for children to grow and develop to their full potential. In several regions and countries, some of the gains made since the adoption of the Convention on the rights of the child in 1989 are in danger of reversal. The rights of over 1 billion children are violated by being severely underserved of one or more of the basic services required to survive, grow and develop.

Simulation of Power Electronics Converters Using PLECS® - Farzin Asadi 2019-11-12
Simulation of Power Electronics Converters Using PLECS® is a guide to simulating a power

electronics circuit using the latest powerful software for power electronics circuit simulation purposes. This book assists engineers gain an increased understanding of circuit operation so they can, for a given set of specifications, choose a topology, select appropriate circuit component types and values, estimate circuit performance, and complete the design by ensuring that the circuit performance will meet specifications even with the anticipated variations in operating conditions and circuit component values. This book covers the fundamentals of power electronics converter simulation, along with an analysis of power electronics converters using PLECS. It concludes with real-world simulation examples for applied content, making this book useful for all those in the electrical and electronic engineering field. Contains unique examples on the simulation of power electronics converters using PLECS® Includes explanations and guidance on all included simulations for re-doing the simulations Incorporates analysis and

design for rapidly creating power electronics circuits with high accuracy
Digital Imaging for Libraries and Archives - Anne R. Kenney 1996

Power Electronics - Daniel W. Hart 2011
Power Electronics is intended to be an introductory text in power electronics, primarily for the undergraduate electrical engineering student. The text is written for some flexibility in the order of the topics. Much of the text includes computer simulation using PSpice as a supplement to analytical circuit solution techniques.
Principles of Asynchronous Circuit Design - Jens Sparsø 2013-04-17
Principles of Asynchronous Circuit Design - A Systems Perspective addresses the need for an introductory text on asynchronous circuit design. Part I is an 8-chapter tutorial which addresses the most important issues for the beginner, including how to think about

asynchronous systems. Part II is a 4-chapter introduction to Balsa, a freely-available synthesis system for asynchronous circuits which will enable the reader to get hands-on experience of designing high-level asynchronous systems. Part III offers a number of examples of state-of-the-art asynchronous systems to illustrate what can be built using asynchronous techniques. The examples range from a complete commercial smart card chip to complex microprocessors. The objective in writing this book has been to enable industrial designers with a background in conventional (clocked) design to be able to understand asynchronous design sufficiently to assess what it has to offer and whether it might be advantageous in their next design task.

Modern Algebra Structure and Method Book 1 - Mary P. Dolciani 1973

Medical Assisting - Kathryn A. Booth 2010-01-01
Medical Assisting, 4/e addresses the most current competencies for medical assisting certification, CPR procedures, coding and insurance billing requirements, HIPAA regulation, OSHA guidelines, and clinical diagnostic testing such as hemoglobin A1c (diabetes) testing. Thorough coverage of procedures remains an asset and Anatomy & Physiology coverage is included in separate chapters. It trains students on medical office administrative procedures and equipment, clinical procedures, infection control, anatomy and physiology, assisting with patients, medical emergencies and first aid, laboratory procedures, nutrition, pharmacology, diagnostic equipment, and much more.

OECD Green Growth Studies Energy - OECD 2012-01-16
This report looks at the role of the energy sector in moving towards a green growth model and the policies to facilitate the transition.

The Complete A+ Guide to PC Repair - Cheryl Schmidt 2011-03-03

Cheryl Schmidt's The Complete A+ Guide to PC Repair, Fifth Edition Update presents the fundamentals of computer desktop and laptop installation, configuration, maintenance, and networking through simple, step-by-step instruction based on CompTIA A+® 2011 Edition objectives. With a focused emphasis on security and customer service skills, this comprehensive book on computer repair introduces the most important tools students need to become professional, customer-friendly technicians using today's technology. The A+ Certification Exam criteria are being updated, effective January 2011, to include Windows 7. The Fifth Edition Update now includes Windows 7 material.

Marketing: Real People, Real Choices - Michael Solomon 2013-09-05 Marketing: Real People, Real Choices brings you and your students into the world of marketing through the use of real companies and the real-life marketing issues that they have faced in recent times. The authors explain core concepts and theories in Marketing, while allowing the reader to search for the information and then apply it to their own experiences as a consumer, so that they can develop a deeper understanding of how marketing is used every day of the week, in every country of the world. The new third edition is enhanced by a strong focus on Value Creation and deeper coverage of modern marketing communications practices.

Essentials of Statistics for Business and Economics - David R. Anderson 2019-02-09 Discover how statistical information impacts decisions in today's business world as Anderson/Sweeney/Williams/Camm/Cochran/Fry/Ohlmann's leading ESSENTIALS OF STATISTICS FOR BUSINESS AND ECONOMICS, 9E connects concepts from each chapter to real-world practice. This edition delivers sound statistical methodology, a proven problem-scenario approach and meaningful applications that present the latest statistical

data and business information with unwavering accuracy. More than 350 new and proven real business examples, a wealth of practical cases and meaningful hands-on exercises highlight statistics in action. You gain practice as exercises and appendices that walk you through using the leading professional statistical software JMP Student Edition 14 and Excel 2016. Trust STATISTICS FOR BUSINESS AND ECONOMICS, 14E as your efficient, powerful solution for mastering business statistics today. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.
Radiation Safety Manual - Veterans Administration Hospital (Omaha, Neb.). Special Laboratory of Nuclear Medicine and Biology 1966

Planning Farm Irrigation Systems - 1980

DB2 9 for z/OS Performance Topics - Paolo

Bruni 2012-09-28
DB2 9 for z/OS is an exciting new version, with many improvements in performance and little regression. DB2 V9 improves availability and security, as well as adds greatly to SQL and XML functions. Optimization improvements include more SQL functions to optimize, improved statistics for the optimizer, better optimization techniques, and a new approach to providing information for tuning. V8 SQL procedures were not eligible to run on the IBM System z9 Integrated Information Processor (zIIP), but changing to use the native SQL procedures on DB2 V9 makes the work eligible for zIIP processing. The performance of varying length data can improve substantially if there are large numbers of varying length columns. Several improvements in disk access can reduce the time for sequential disk access and improve data rates. The key DB2 9 for z/OS performance improvements include reduced CPU time in many utilities, deep synergy with IBM System z

hardware and z/OS software, improved performance and scalability for inserts and LOBs, improved SQL optimization, zIIP processing for remote native SQL procedures, index compression, reduced CPU time for data with varying lengths, and better sequential access. Virtual storage use below the 2 GB bar is also improved. This IBM Redbooks publication provides an overview of the performance impact of DB2 9 for z/OS, especially performance scalability for transactions, CPU, and elapsed time for queries and utilities. We discuss the overall performance and possible impacts when moving from version to version. We include performance measurements that were made in the laboratory and provide some estimates. Keep in mind that your results are likely to vary, as the conditions and work will differ. In this book, we assume that you are familiar with DB2 V9. See DB2 9 for z/OS Technical Overview, SG24-7330, for an introduction to the new functions.

Evaporation, Evapotranspiration, and Irrigation Water Requirements - Ph.D. Richard G. Allen 2016-12-01

Unstoppable - Yanni Raz 2016-06-09 Unstoppable is a word defined as "difficult or impossible to preclude or stop." As a human quality, it is something that we associate with people such as sports superstars, those who do whatever it takes to inspire others and lead teams to the greatest of victories. Sometimes, an idea or person can become unstoppable. Unstoppable, like Charles Lindbergh crossing the Atlantic in a solo flight when no one had thought it was possible, or track star Roger Bannister breaking the four-minute mile barrier. Not everyone can be an explorer or a great athlete, but anyone can be unstoppable in their chosen endeavors in life. If you are willing to possess an unwavering determination to succeed and a consistent willingness to learn and evolve, you can become unstoppable and triumph too.

This book is about a personal struggle, one in which the author awoke from a coma after a terrible accident and faced a life of permanent paralysis. A long battle of driven determination resulted in Yanni Raz regaining his health and becoming a self-made millionaire after migrating from his native Israel to the United States. Through careers as a musician, a Starbucks barista, a salesman, a real estate whiz, a professional poker player and a hard money lender, Yanni learned reliable principles and the skills necessary for success. Unstoppable covers many topics including controlling your life, making the best decisions, creating new opportunities, properly assessing signals, expertly negotiating, and succeeding by storytelling across the media landscape. You'll learn about integrity in business, asset diversification, and many other life tips that thousands of people learn from Yanni on a daily basis. It is time to become fearless and lead a powerful life. With Yanni's new book

Unstoppable, you can do just that.
Advances in FDTD Computational Electrodynamics - Allen Taflove 2013 Advances in photonics and nanotechnology have the potential to revolutionize humanity's ability to communicate and compute. To pursue these advances, it is mandatory to understand and properly model interactions of light with materials such as silicon and gold at the nanoscale, i.e., the span of a few tens of atoms laid side by side. These interactions are governed by the fundamental Maxwell's equations of classical electrodynamics, supplemented by quantum electrodynamics. This book presents the current state-of-the-art in formulating and implementing computational models of these interactions. Maxwell's equations are solved using the finite-difference time-domain (FDTD) technique, pioneered by the senior editor, whose prior Artech House books in this area are among the top ten most-cited in the history of engineering. This cutting-edge

resource helps readers understand the latest developments in computational modeling of nanoscale optical microscopy and microchip lithography, as well as nanoscale plasmonics and biophotonics.

SCS National Engineering Handbook - 1983

Biology - Mariëlle Hoefnagels 2012
Enger/Ross/Bailey: Concepts in Biology is a relatively brief introductory general biology text written for students with no previous science background. The authors strive to use the most accessible vocabulary and writing style possible while still maintaining scientific accuracy. The text covers all the main areas of study in biology from cells through ecosystems. Evolution and ecology coverage are combined in Part Four to emphasize the relationship between these two main subject areas. The new, 13th edition is the latest and most exciting revision of a respected introductory biology text written by authors who know how to reach students through engaging writing, interesting issues and applications, and accessible level. Instructors will appreciate the books scientific accuracy, complete coverage and extensive supplement package.
Electrical Characteristics of Transmission Circuits - 1922

Architecture of Computing Systems - ARCS 2009 - Mladen Berekovic 2009-02-19
This book constitutes the refereed proceedings of the 22nd International Conference on Architecture of Computing Systems, ARCS 2009, held in Delft, The Netherlands, in March 2009. The 21 revised full papers presented together with 3 keynote papers were carefully reviewed and selected from 57 submissions. This year's special focus is set on energy awareness. The papers are organized in topical sections on compilation technologies, reconfigurable hardware and applications, massive parallel architectures, organic computing, memory architectures, enery awareness, Java processing,

and chip-level multiprocessing.

World Energy Outlook 2016 - Organisation for Economic Co-Operation and Development 2016-12-05
The latest World Energy Outlook offers the most comprehensive analysis of what this transformation of the energy sector might look like, thanks to its energy projections to 2040. It reviews the key opportunities and challenges ahead for renewable energy, the central pillar of the low- carbon energy transition, as well as the critical role for energy efficiency.

Understanding Power Quality Problems - Math H. J. Bollen 2000
Power quality problems have increasingly become a substantial concern over the last decade, but surprisingly few analytical techniques have been developed to overcome these disturbances in system-equipment interactions. Now in this comprehensive book, power engineers and students can find the theoretical background necessary for understanding how to analyze, predict, and mitigate the two most severe power disturbances: voltage sags and interruptions. This is the first book to offer in-depth analysis of voltage sags and interruptions and to show how to apply mathematical techniques for practical solutions to these disturbances. From UNDERSTANDING AND SOLVING POWER QUALITY PROBLEMS you will gain important insights into Various types of power quality phenomena and power quality standards Current methods for power system reliability evaluation Origins of voltage sags and interruptions Essential analysis of voltage sags for characterization and prediction of equipment behavior and stochastic prediction Mitigation methods against voltage sags and interruptions Sponsored by: IEEE Power Electronics Society, IEEE Industry Applications Society, IEEE Power Engineering Society.

Global Business Today - Charles W. L. Hill 2005-01

Charles Hill's Global Business Today, 4e (GBT) has become an established text in the International Business market for its excellent but concise coverage of the key global issues including the cultural context for global business, cross-border trade and investment, the global monetary system and competition in the global environment. GBT's concise chapters give a general introduction to international business - emphasizing the environmental factors, with less coverage of operations. Charles Hill is renowned for his attention to research trends and that is evident in Global Business Today, 4e through a variety of real world examples and cases from small, medium, and large companies throughout the world

Diffusion MRI - Heidi Johansen-Berg 2013-11-04
Diffusion MRI remains the most comprehensive reference for understanding this rapidly evolving and powerful technology and is an essential handbook for designing, analyzing, and interpreting diffusion MR experiments. Diffusion imaging provides a unique window on human brain anatomy. This non-invasive technique continues to grow in popularity as a way to study brain pathways that could never before be investigated in vivo. This book covers the fundamental theory of diffusion imaging, discusses its most promising applications to basic and clinical neuroscience, and introduces cutting-edge methodological developments that will shape the field in coming years. Written by leading experts in the field, it places the exciting new results emerging from diffusion imaging in the context of classical anatomical techniques to show where diffusion studies might offer unique insights and where potential limitations lie. Fully revised and updated edition of the first comprehensive reference on a powerful technique in brain imaging Covers all aspects of a diffusion MRI study from acquisition through analysis to interpretation, and from fundamental theory to cutting-edge developments New

chapters covering connectomics, advanced diffusion acquisition, artifact removal, and applications to the neonatal brain Provides practical advice on running an experiment Includes discussion of applications in psychiatry, neurology, neurosurgery, and basic neuroscience Full color throughout

Pharmaceutics - Michael E. Aulton 2002
A comprehensive textbook covering the design of dosage forms and all aspects of drug delivery systems. 'Pharmaceutics' in its broadest sense is the 'art of the apothecary' or, in simple terms, pharmaceutical preparations. It remains a diverse subject in the pharmacy curriculum, encompassing design of drugs, their manufacture, and the elimination of micro-organisms from the products. This books encompasses all those areas and pays particular attention to the design of dosage forms and their manufacture.

Freshwater Ecology - Walter Dodds 2010-11-03
Freshwater Ecology, Second Edition, is a broad, up-to-date treatment of everything from the basic chemical and physical properties of water to advanced unifying concepts of the community ecology and ecosystem relationships as found in continental waters. With 40% new and expanded coverage, this text covers applied and basic aspects of limnology, now with more emphasis on wetlands and reservoirs than in the previous edition. It features 80 new and updated figures, including a section of color plates, and 500 new and updated references. The authors take a synthetic approach to ecological problems, teaching students how to handle the challenges faced by contemporary aquatic scientists. This text is designed for undergraduate students taking courses in Freshwater Ecology and Limnology; and introductory graduate students taking courses in Freshwater Ecology and Limnology. Expanded revision of Dodds' successful text. New boxed sections provide more advanced material within the introductory, modular format of the first edition. Basic

scientific concepts and environmental applications featured throughout. Added coverage of climate change, ecosystem function, hypertrophic habitats and secondary production. Expanded coverage of physical limnology, groundwater and wetland habitats. Expanded coverage of the toxic effects of pharmaceuticals and endocrine disrupters as freshwater pollutants More on aquatic invertebrates, with more images and pictures of a broader range of organisms Expanded coverage of the functional roles of filterer feeding, scraping, and shredding organisms, and a new section on omnivores. Expanded appendix on standard statistical techniques. Supporting website with figures and tables - http://www.elsevierdirect.com/companion.jsp?ISBN=9780123747242

Aircraft Design - Daniel P. Raymer 2006-01-01 Winner of the Summerfield Book Award Winner of the Aviation-Space Writers Association Award of Excellence. --Over 30,000 copies sold, consistently the top-selling AIAA textbook title This highly regarded textbook presents the entire process of aircraft conceptual designfrom requirements definition to initial sizing, configuration layout, analysis, sizing, and trade studiesin the same manner seen in industry aircraft design groups. Interesting and easy to read, the book has more than 800 pages of design methods, illustrations, tips, explanations, and equations, and extensive appendices with key data essential to design. It is the required design text at numerous universities around the world, and is a favorite of practicing design engineers.

Ignitron Firing - Floyd M. Stolt 1959 This report contains information regarding ignitron firing circuitry. It also discusses the theory of cathode spot formation and arc mechanism. Triggering methods are examined with regard to jitter and delay in arc formation and the interaction of the anode and ignitor circuits is illustrated by an equation which

defines the capability of a firing system.

Emerging Research in Electronics, Computer Science and Technology - V. Sridhar 2019-04-24
This book presents the proceedings of the International Conference on Emerging Research in Electronics, Computer Science and Technology (ICERECT) organized by PES College of Engineering in Mandya. Featuring cutting-edge, peer-reviewed articles from the field of electronics, computer science and technology, it is a valuable resource for members of the scientific research community.
Hydrosystems Engineering and Management -

Larry W. Mays 1922

Energetic Compounds - Mohammad Hossein Keshavarz 2020-05-05
This book discusses methods for the assessment of energetic compounds through heat of detonation, detonation pressure, velocity and temperature, Gurney energy and power. The authors focus on the detonation pressure and detonation velocity of non-ideal aluminized energetic compounds. This 2nd Edition includes an updated and improved presentation of simple, reliable methods for the design, synthesis and development of novel energetic compounds.