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Civil Engineering Formulas Tyler G. Hicks 2009-10-11 Instant Access to Civil Engineering Formulas Fully updated and packed with more than 500 new formulas, this book offers a single compilation of all essential civil engineering formulas and equations in one easy-to-use reference. Practical, accurate data is presented in USCS and SI units for maximum convenience. Follow the calculation procedures inside Civil Engineering Formulas, Second Edition, and get precise results with minimum time and effort. Each chapter is a quick reference to a well-defined topic, including: Beams and girders Columns Piles and piling Concrete structures Timber engineering Surveying Soils and earthwork Building structures Bridges and suspension cables Highways and roads Hydraulics, dams, and waterworks Power-generation wind turbines Stormwater Wastewater treatment Reinforced concrete Green buildings Environmental protection

Micro and Smart Systems: Technology and Modeling G. K. Ananthasuresh 2012-01-23 Microsystems are systems that integrate, on a chip or a package, one or more of many different categories of microdevices. As the past few decades were dominated by the development and rapid miniaturization of circuitry, the current and coming decades are witnessing a similar revolution in the miniaturization of sensors, actuators, and electronics; and communication, control and power devices. Applications ranging from biomedicine to warfare are driving rapid innovation and growth in the field, which is pushing this topic into graduate and undergraduate curricula in electrical, mechanical, and biomedical engineering.

Thermal Engineering R.K. Rajput 2005

Advances in Lightweight Materials and Structures A. Praveen Kumar 2020-10-13 This book presents select proceedings of the International Conference on Advanced Lightweight Materials and Structures (ICALMS) 2020, and discusses the triad of processing, structure, and various properties of lightweight materials. It provides a well-balanced insight into materials science and mechanics of both synthetic and natural composites. The book includes topics such as nano composites for lightweight structures, impact and failure of structures, biomechanics and biomedical engineering, nanotechnology and micro-engineering, tool design and manufacture for
producing lightweight components, joining techniques for lightweight structures for similar and dissimilar materials, design for manufacturing, reliability and safety, robotics, automation and control, fatigue and fracture mechanics, and friction stir welding in lightweight sandwich structures. The book also discusses latest research in composite materials and their applications in the field of aerospace, construction, wind energy, automotive, electronics and so on. Given the range of topics covered, this book can be a useful resource for beginners, researchers and professionals interested in the wide ranging applications of lightweight structures.  

**Power Electronics with MATLAB**  
L. Ashok Kumar 2017-11-24 "Discusses the essential concepts of power electronics through MATLAB examples and simulations"--  

**Fundamentals of Electrical Engineering**  
Leonard S. Bobrow 1996 Divided into four parts: circuits, electronics, digital systems, and electromagnetics, this text provides an understanding of the fundamental principles on which modern electrical engineering is based. It is suitable for a variety of electrical engineering courses, and can also be used as a text for an introduction to electrical engineering.  

**Callister'S Materials Science And Engineering: Indian Adaptation (W/Cd)**  
R.Balasubramaniam 2009-09 This accessible book provides readers with clear and concise discussions of key concepts while also incorporating familiar terminology. The author treats the important properties of the three primary types of materials (metals, ceramics, and polymers) and composites, as well as the relationships that exist between the structural elements of materials and their properties. Throughout, the emphasis is placed on mechanical behavior and failure, including techniques that are employed to improve performance.  

**Internet of Things and Analytics for Agriculture, Volume 3**  
Prasant Kumar Pattnaik 2021-11-10 The book discusses one of the major challenges in agriculture which is delivery of cultivate produce to the end consumers with best possible price and quality. Currently all over the world, it is found that around 50% of the farm produce never reaches the end consumer due to wastage and suboptimal prices. The authors present solutions to reduce the transport cost, predictability of prices on the past data analytics and the current market conditions, and number of middle hops and agents between the farmer and the end consumer using IoT-based solutions. Again, the demand by consumption of agricultural products could be predicted quantitatively; however, the variation of harvest and production by the change of farm's cultivated area, weather change, disease and insect damage, etc., could be difficult to be predicted, so that the supply and demand of agricultural products has not been controlled properly. To overcome, this edited book designed the IoT-based monitoring system to analyze crop environment and the method to improve the efficiency of decision making by analyzing harvest statistics. The book is also useful for academicians working in the areas of climate changes.  

**Green Technological Innovation for Sustainable Smart Societies**  
Chinmay Chakraborty 2021-10-15 This book discusses the innovative and efficient technological solutions for sustainable smart societies in terms of alteration in...
industrial pollution levels, the effect of reduced carbon emissions, green power management, ecology, and biodiversity, the impact of minimal noise levels and air quality influences on human health. The book is focused on the smart society development using innovative low-cost advanced technology in different areas where the growth in employment and income are driven by public and private investment into such economic activities, infrastructure and assets that allow reduced carbon emissions and pollution, enhanced energy, and resource efficiency and prevention of the loss of biodiversity and ecosystem services. The book also covers the paradigm shift in the sustainable development for the green environment in the post-pandemic era. It emphasizes and facilitates a greater understanding of existing available research i.e., theoretical, methodological, well-established and validated empirical work, associated with the environmental and climate change aspects.

Smart Trends in Information Technology and Computer Communications
A.V. Deshpande 2018-08-21 This book constitutes the refereed proceedings of the Second International Conference on Smart Trends in Information Technology and Computer Communications, SmartCom 2017, held in Pune, India, in August 2017. The 38 revised papers presented were carefully reviewed and selected from 310 submissions. The papers address issues on smart and secure systems; smart and service computing; smart data and IT innovations.

Bioengineering Fundamentals
Ann Saterbak 2007 Combining engineering principles with technical rigor and a problem-solving focus, this textbook takes a unifying, interdisciplinary approach to the conservation laws that form the foundation of bioengineering: mass, energy, charge, and momentum. For sophomore-level courses in bioengineering, biomedical engineering, and related fields.

Engineering Practices Lab Manual - 5Th E T Jeyapoovan Nadar Engineering Practices Lab Manual covers all the basic engineering lab practices in the Civil, Mechanical, Electrical and Electronics areas. The manual details the various tools to be used and exercises to be practiced in the application of engineering practices in each field.

Aircraft Structures
G. Lakshmi Narasaiah 2011-07-12 Aircraft Structures concisely and comprehensively presents the basics of aircraft design and analysis and is intended for students in aerospace and mechanical engineering. In three sections and focusing particularly on the function of aircraft parts, this volume treats the fundamentals of aircraft design, excluding the engine and the avionics. The first part deals with the basics of structural analysis, including mechanics or rigid bodies, energy principles, analysis of trusses, and analysis of continuum structures. In the second part, basic aerodynamics, loads, beams, shafts, buckling of columns, bending and buckling of thin plates and shear flow, shear center and shear lag, aero plane fuselage and wing and fatigue are explained. The third section covers additional topics, such as finite element analysis, aircraft construction materials and aeroelasticity. With an emphasis on lightweight design, this volume further presents some special topics, such as box beams in wings, ring frames in fuselage, and longitudinal stiffeners. With many examples and solved problems, this textbook on aircraft structures is an essential source of information for both students and engineering professionals who want to introduce themselves to the topic.

Concrete and Aggregates
American Society for Testing and Materials 1997-11

India’s New Capitalists
H. Damodaran 2008-06-25 In order to do business effectively in contemporary South Asia, it is necessary to understand the culture, the ethos, and the region’s new trading communities. In tracing the modern-day evolution of business communities in India, this book uses social history to systematically document and understand India’s new entrepreneurial groups.

Project Management and BIM for Sustainable Modern Cities
Mohamed
This volume presents innovative work on innovative methods, tools and practices aimed at supporting the transition of Asian and Middle Eastern cities and regions towards a more smart and sustainable dimension. The role of the built and urban environment are becoming more pronounced in Asia and Middle East as the regions continues to experience rapid increase in population and urbanisation, which have only led to an increase in environmental degradation but also rise in energy consumption and emissions. Individual chapters covers timely topics such as sustainable infrastructure, transportation, renewable energy, water and methods supporting an innovative and sustainable development of urban areas. Real-world examples are presented to highlight recent developments and advancements in design, construction and transportation infrastructures. The volume is based on the best contributions to the 2nd GeoMEast International Congress and Exhibition on Sustainable Civil Infrastructures, Egypt 2018 – The official international congress of the Soil-Structure Interaction Group in Egypt (SSIGE).

Two-Stroke Performance Tuning A. Bell 1999-11-28 Engine-tuning expert A. Graham Bell steers you through the various modifications that can be made to coax maximum useable power output and mechanical reliability from your two-stroke. Fully revised with the latest information on all areas of engine operation, from air and fuel, through carburation, ignition, cylinders, porting, reed and rotary valves, and exhaust systems to cooling and lubrication, dyno tuning and gearing.

Fatigue and Fracture F. C. Campbell 2012 "This book emphasizes the physical and practical aspects of fatigue and fracture. It covers mechanical properties of materials, differences between ductile and brittle fractures, fracture mechanics, the basics of fatigue, structural joints, high temperature failures, wear, environmentally-induced failures, and steps in the failure analysis process."--publishers website.

An Introduction to Process Modelling Identification and Control for Engineers Rames C. Panda 2017

Introduction to Programmable Logic Controllers John E. Ridley 1997 The aim of this book is to provide the engineering technician with a sound working knowledge of PLC operation, with a minimum of unnecessary theoretical background. Particularly suitable for BTEC students.

THEORY AND PROBLEMS OF BASIC ELECTRICAL ENGINEERING., Second Edition NAGRATH, I. J. 2016-08-19 This comprehensive book with a blend of theory and solved problems on Basic Electrical Engineering has been updated and upgraded in the Second Edition as per the current needs to cater undergraduate students of all branches of engineering and to all those who are appearing in competitive examinations such as AMIE, GATE and graduate IETE. The text provides a lucid yet exhaustive exposition of the fundamental concepts, techniques and devices in basic electrical engineering through a series of carefully crafted solved examples, multiple choice (objective type) questions and review questions. The book covers, in general, three major areas: electric circuit theory, electric machines, and measurement and instrumentation systems.

Recent Trends in Image Processing and Pattern Recognition K. C. Santosh 2021-03-22 This two-volume set constitutes the refereed proceedings of the Third International Conference on Recent Trends in Image Processing and Pattern Recognition (RTIP2R) 2020, held in Aurangabad, India, in January 2020. The 78 revised full papers presented were carefully reviewed and selected from 329 submissions. The papers are organized in topical sections in the two volumes. Part I: Computer vision and applications; Data science and machine learning; Document understanding and Recognition. Part II: Healthcare informatics and medical imaging; Image analysis and recognition; Signal processing and pattern recognition; Image and signal processing in Agriculture.
Material Science and Engineering V. Raghavan 2015-05-01
This well-established and widely adopted book, now in its Sixth Edition, provides a thorough analysis of the subject in an easy-to-read style. It analyzes, systematically and logically, the basic concepts and their applications to enable the students to comprehend the subject with ease. The book begins with a clear exposition of the background topics in chemical equilibrium, kinetics, atomic structure and chemical bonding. Then follows a detailed discussion on the structure of solids, crystal imperfections, phase diagrams, solid-state diffusion and phase transformations. This provides a deep insight into the structural control necessary for optimizing the various properties of materials. The mechanical properties covered include elastic, anelastic and viscoelastic behaviour, plastic deformation, creep and fracture phenomena. The next four chapters are devoted to a detailed description of electrical conduction, superconductivity, semiconductors, and magnetic and dielectric properties. The final chapter on ‘Nanomaterials’ is an important addition to the sixth edition. It describes the state-of-art developments in this new field. This eminently readable and student-friendly text not only provides a masterly analysis of all the relevant topics, but also makes them comprehensible to the students through the skillful use of well-drawn diagrams, illustrative tables, worked-out examples, and in many other ways. The book is primarily intended for undergraduate students of all branches of engineering (B.E./B.Tech.) and postgraduate students of Physics, Chemistry and Materials Science. KEY FEATURES • All relevant units and constants listed at the beginning of each chapter • A note on SI units and a full table of conversion factors at the beginning • A new chapter on ‘Nanomaterials’ describing the sub-fields along with their technological progress, that have future implications are glanced at in it. As this field is emerging at a rapid pace, the contents of this textbook will help the readers understand the modern concepts and applications of the subject.

Introduction to Mechatronics Randy Dodd 2017-06
This book attempts to understand the multiple branches that fall under the discipline of mechatronics and how such concepts have practical applications. It talks in detail about the advancements and requirements of this field. Mechatronics is an amalgamation of various different branches of engineering like telecommunications engineering, control engineering, computer engineering, systems engineering, mechanical engineering and electronics, etc. As the field of engineering is rapidly evolving, mechatronics is needed to group these varied branches together and unify them, so as to increase their functionality and efficiency. This text is compiled in such a manner, that it will provide in-depth knowledge about the theory and practice of mechatronics. The various sub-fields along with their technological progress, that have future implications are glanced at in it. As this field is emerging at a rapid pace, the contents of this textbook will help the readers understand the modern concepts and applications of the subject.

Transforms and Partial Differential Equations Dr. Manish Goyal 2009-07-01
Soil Testing for Engineers T. William Lambe 1951
Strategic Management in the Arts Lidia Varbanova 2013-01-03
Strategic Management in the Arts looks at the unique characteristics of organisations in the arts and culture sector and shows readers how to tailor a strategic plan to help these diverse organizations meet their objectives. Strategic management is an essential element that drives an organisation’s success, yet many cultural organizations have yet to apply strategic thinking and entrepreneurial actions within the management function. Varbanova reviews the existing theories and models of strategic management and then relates these specifically to cultural organisations. Also included are sections on entrepreneurship and innovations in the arts, considering the concept of a ‘learning organisation’ – an organisation able to adapt its strategy within a constantly changing, complex environment. The book is structured to walk the reader through each element of the strategic plan systematically. With a fresh approach, key questions, examples, international cases to connect theory with practice and suggestions for further reading, this book is designed to accompany classes on strategic planning, cultural management or arts management.

Introduction to Mechatronics Randy Dodd 2017-06
This book attempts to understand the multiple branches that fall under the discipline of mechatronics and how such concepts have practical applications. It talks in detail about the advancements and requirements of this field. Mechatronics is an amalgamation of various different branches of engineering like telecommunications engineering, control engineering, computer engineering, systems engineering, mechanical engineering and electronics, etc. As the field of engineering is rapidly evolving, mechatronics is needed to group these varied branches together and unify them, so as to increase their functionality and efficiency. This text is compiled in such a manner, that it will provide in-depth knowledge about the theory and practice of mechatronics. The various sub-fields along with their technological progress, that have future implications are glanced at in it. As this field is emerging at a rapid pace, the contents of this textbook will help the readers understand the modern concepts and applications of the subject.

MATERIALS SCIENCE AND ENGINEERING V. RAGHAVAN 2015-05-01
This well-established and widely adopted book, now in its Sixth Edition, provides a thorough analysis of the subject in an easy-to-read style. It analyzes, systematically and logically, the basic concepts and their applications to enable the students to comprehend the subject with ease. The book begins with a clear exposition of the background topics in chemical equilibrium, kinetics, atomic structure and chemical bonding. Then follows a detailed discussion on the structure of solids, crystal imperfections, phase diagrams, solid-state diffusion and phase transformations. This provides a deep insight into the structural control necessary for optimizing the various properties of materials. The mechanical properties covered include elastic, anelastic and viscoelastic behaviour, plastic deformation, creep and fracture phenomena. The next four chapters are devoted to a detailed description of electrical conduction, superconductivity, semiconductors, and magnetic and dielectric properties. The final chapter on ‘Nanomaterials’ is an important addition to the sixth edition. It describes the state-of-art developments in this new field. This eminently readable and student-friendly text not only provides a masterly analysis of all the relevant topics, but also makes them comprehensible to the students through the skillful use of well-drawn diagrams, illustrative tables, worked-out examples, and in many other ways. The book is primarily intended for undergraduate students of all branches of engineering (B.E./B.Tech.) and postgraduate students of Physics, Chemistry and Materials Science. KEY FEATURES • All relevant units and constants listed at the beginning of each chapter • A note on SI units and a full table of conversion factors at the beginning • A new chapter on ‘Nanomaterials’ describing the
state-of-art information • Examples with solutions and problems with answers
• About 350 multiple choice questions with answers

Surgical Oncology Matthew D. Neal 2012-05-25 The first text to bridge the gap between best surgical practices and modern technology in an evidence based manner. Surgical Oncology is a full-color text that incorporates the basic tenets of surgical practice with the innovations of modern technology in an evidence-based fashion. The goal of the book is present the opinions of experts in the field alongside an analytical and unbiased review of the evidence. Each chapter contains not only a summary of the relevant data, but also presents succinctly a list of landmark studies and a Level of Evidence Table citing the most important recommendations for each disease or organ system. Features Numerous full-color and black-and-white photographs An excellent guide for surgeons-in-training as well as practicing physicians who need a summary of the latest research in cancer therapy Each chapter emphasizes the surgical management of disease An entire section of the book is dedicated to the principles of adjunct therapies emphasizing the need for a multidisciplinary approach

R for Everyone Jared P. Lander 2017-06-13 Statistical Computation for Programmers, Scientists, Quants, Excel Users, and Other Professionals Using the open source R language, you can build powerful statistical models to answer many of your most challenging questions. R has traditionally been difficult for non-statisticians to learn, and most R books assume far too much knowledge to be of help. R for Everyone, Second Edition, is the solution. Drawing on his unsurpassed experience teaching new users, professional data scientist Jared P. Lander has written the perfect tutorial for anyone new to statistical programming and modeling. Organized to make learning easy and intuitive, this guide focuses on the 20 percent of R functionality you’ll need to accomplish 80 percent of modern data tasks. Lander’s self-contained chapters start with the absolute basics, offering extensive hands-on practice and sample code. You’ll download and install R; navigate and use the R environment; master basic program control, data import, manipulation, and visualization; and walk through several essential tests. Then, building on this foundation, you’ll construct several complete models, both linear and nonlinear, and use some data mining techniques. After all this you’ll make your code reproducible with LaTeX, RMarkdown, and Shiny. By the time you’re done, you won’t just know how to write R programs, you’ll be ready to tackle the statistical problems you care about most. Coverage includes Explore R, RStudio, and R packages Use R for math: variable types, vectors, calling functions, and more Exploit data structures, including data.frames, matrices, and lists Read many different types of data Create attractive, intuitive statistical graphics Write user-defined functions Control program flow with if, ifelse, and complex checks Improve program efficiency with group manipulations Combine and reshape multiple datasets Manipulate strings using R’s facilities and regular expressions Create normal, binomial, and Poisson probability distributions Build linear, generalized linear, and nonlinear models Program basic statistics: mean, standard deviation, and t-tests Train machine learning models Assess the quality of models and variable selection Prevent overfitting and perform variable selection, using the Elastic Net and Bayesian methods Analyze univariate and multivariate time series data Group data via K-means and hierarchical clustering Prepare reports, slideshows, and web pages with knitr Display interactive data with RMarkdown and htmlwidgets Implement dashboards with Shiny Build reusable R packages with devtools and Rcpp

Big Data Analytics for Smart and Connected Cities Dey, Nilanjan 2018-09-07 To continue providing people with safe, comfortable, and affordable places to live, cities must incorporate techniques and technologies to bring them into
the future. The integration of big data and interconnected technology, along with the increasing population, will lead to the necessary creation of smart cities. Big Data Analytics for Smart and Connected Cities is a pivotal reference source that provides vital research on the application of the integration of interconnected technologies and big data analytics into the creation of smart cities. While highlighting topics such as energy conservation, public transit planning, and performance measurement, this publication explores technology integration in urban environments as well as the methods of planning cities to implement these new technologies. This book is ideally designed for engineers, professionals, researchers, and technology developers seeking current research on technology implementation in urban settings.

Research Anthology on Architectures, Frameworks, and Integration Strategies for Distributed and Cloud Computing
Management Association, Information Resources 2021-01-25 Distributed systems intertwine with our everyday lives. The benefits and current shortcomings of the underpinning technologies are experienced by a wide range of people and their smart devices. With the rise of large-scale IoT and similar distributed systems, cloud bursting technologies, and partial outsourcing solutions, private entities are encouraged to increase their efficiency and offer unparalleled availability and reliability to their users. The Research Anthology on Architectures, Frameworks, and Integration Strategies for Distributed and Cloud Computing is a vital reference source that provides valuable insight into current and emergent research occurring within the field of distributed computing. It also presents architectures and service frameworks to achieve highly integrated distributed systems and solutions to integration and efficient management challenges faced by current and future distributed systems. Highlighting a range of topics such as data sharing, wireless sensor networks, and scalability, this multi-volume book is ideally designed for system administrators, integrators, designers, developers, researchers, academicians, and students.

Advertising & IMC Sandra Ernst Moriarty 2014-04-03 For introductory courses in advertising An accessible, well-written, and student-friendly approach to advertising. Advertising tracks the changes in today's dynamic world of media and marketing communication—as well as the implications of these changes to traditional practice—and presents them to students through an accessible, well-written approach. The Tenth edition highlights the increasing importance of consumers as the driving force in today's advertising strategies, social media, and the Internet evolution/revolution. It also includes an increased IMC and brand focus.

Information Technology and Mobile Communication Vinu V Das 2011-04-13 This book constitutes the refereed proceedings of the International Conference on Advances in Information Technology and Mobile Communication, AIM 2011, held at Nagpur, India, in April 2011. The 31 revised full papers presented together with 27 short papers and 34 poster papers were carefully reviewed and selected from 313 submissions. The papers cover all current issues in theory, practices, and applications of Information Technology, Computer and Mobile Communication Technology and related topics.

Embedded System Applications Jean-Claude Baron 2013-04-17 Embedded systems encompass a variety of hardware and software components which perform specific functions in host systems, for example, satellites, washing machines, hand-held telephones and automobiles. Embedded systems have become increasingly digital with a non-digital periphery (analog power) and therefore, both hardware and software codesign are relevant. The vast majority of computers manufactured are used in such systems. They are called 'embedded' to distinguish them from standard mainframes, workstations, and PCs. Although the design of embedded systems has been used in industrial practice for decades, the systematic design of such systems has only recently gained increased attention. Advances in microelectronics have made possible applications that would have been impossible without an
embedded system design. Embedded System Applications describes the latest
techniques for embedded system design in a variety of applications. This also
includes some of the latest software tools for embedded system design.
Applications of embedded system design in avionics, satellites, radio
astronomy, space and control systems are illustrated in separate chapters.
Finally, the book contains chapters related to industrial best-practice in
embedded system design. Embedded System Applications will be of interest
to researchers and designers working in the design of embedded systems for
industrial applications.

Open Data Structures Pat Morin 2013 This textbook teaches introductory data
structures.

Urban Air Quality Monitoring, Modelling and Human Exposure Assessment
S. M. Shiva Nagendra 2020-09-24 This contributed volume is primarily
intended for graduate and professional audiences. The book provides a basic
understanding of urban air quality issues, root causes for local and urban air
pollution, monitoring and modelling techniques, assessment, and control
options to manage air quality at local and urban scale. The book also offers
useful information on indoor air quality and smart sensors, which are gaining
much importance in current times.

Intelligent Systems and Computer Technology D.J. Hemanth 2020-12-15
Recent developments in soft-computation techniques have paved the way for
handling huge volumes of data, thereby bringing about significant changes
and technological advancements. This book presents the proceedings of the
3rd International Conference on Emerging Current Trends in Computing &
Expert Technology (COMET 2020), held at Panimalar Engineering College,
Chennai, India on 6 and 7 March 2020. The aim of the book is to disseminate
cutting-edge developments taking place in the technological fields of
intelligent systems and computer technology, thereby assisting researchers
and practitioners from both institutions and industry to upgrade their
knowledge of the latest developments and emerging areas of study. It focuses
on technological innovations and trendsetting initiatives to improve business
values, optimize business processes and enable inclusive growth for corporates,
industries and education alike. The book is divided into two sections; ‘Next
Generation Soft Computing’ is a platform for scientists, researchers,
practitioners and academics to present and discuss their most recent
innovations, trends and concerns, as well as the practical challenges
encountered in the field. The second section, ‘Evolutionary Networking and
Communications’ focuses on various aspects of 5G communications systems and
networking, including cloud and virtualization solutions, management
technologies, and vertical application areas. It brings together the latest
technologies from all over the world, and also provides an excellent
international forum for the sharing of knowledge and results from theory,
methodology and applications in networking and communications. The book
will be of interest to all those working in the fields of intelligent systems and
computer technology.

Examining Cloud Computing Technologies Through the Internet of Things
Tomar, Pradeep 2017-11-30 The progressive combination of cloud computing
and Internet of Things (IoT) will enable new monitoring services, create
powerful processing of sensory data streams, and provide a new method for
intelligent perception and connection. Examining Cloud Computing
Technologies Through the Internet of Things is a pivotal reference source for
scholarly research on the latest and innovative facets of cloud-based Internet of
Things systems including technical evaluations and comparisons of existing
concepts. Featuring coverage on a broad range of topics such as fog computing,
network programming, and data security, this book is geared towards
advanced-level students, researchers, and professionals interested in exploring
and implementing the IoT and related technologies.

2020 International Conference on Innovative Trends in Information