

## Rangkaian Sensor Pintu Gerbang Otomatis

RFID for LibrariesRFIDSpace Robotics: Dynamics and ControlBASCOP Programming of Microcontrollers with EaseDigital ElectronicsSolder Paste in Electronics PackagingRouting Protocols Companion GuideThe Educational Potential of e-PortfoliosPractical Computer Vision with SimpleCVHello, AndroidThe TTL Data BookCivic Responsibility and Higher EducationAgglomeration Economies and Productivity in Indian IndustryIndustrial ElectronicsLearn Electronics with ArduinoInternet Starter Kit for MacintoshHandbook of Sensor NetworksSQL Server 2012 Data Integration RecipesThe RF in RFIDBuilding Maintenance ManagementThe Complete Book of Locks and LocksmithingAnalysis and Design of Information SystemsGetting Started with SensorsZigBee Wireless Networks and TransceiversDesigning Embedded HardwareSecurity Planning and Disaster RecoveryWorld Development Report 2010Warta ekonomiMechatronics SourcebookPanjiMastering Delphi 5Heart Physiology and PathophysiologyFrom Promise to PracticeRFID For DummiesCatatan pinggir 3Beginning Arduino ProgrammingGlobal Status Report on Road SafetyBattery Reference BookPython for Software DesignFerroelectric-Gate Field Effect Transistor Memories

### RFID for Libraries

#### RFID

Learn how to build your own computer vision (CV) applications quickly and easily with SimpleCV, an open source framework written in Python. Through examples of real-world applications, this hands-on guide introduces you to basic CV techniques for collecting, processing, and analyzing streaming digital images. You'll then learn how to apply these methods with SimpleCV, using sample Python code. All you need to get started is a Windows, Mac, or Linux system, and a willingness to put CV to work in a variety of ways. Programming experience is optional. Capture images from several sources, including webcams, smartphones, and Kinect Filter image input so your application processes only necessary information Manipulate images by performing basic arithmetic on pixel values Use feature detection techniques to focus on interesting parts of an image Work with several features in a single image, using the NumPy and SciPy Python libraries Learn about optical flow to identify objects that change between two image frames Use SimpleCV's command line and code editor to run examples and test techniques

### Space Robotics: Dynamics and Control

This third edition of the successful information systems guide is a thorough introduction to all aspects of business transformation and analysis. It offers a complex set of tools covering all types of systems, including legacy, transactional, database and web/ecommerce topics and integrates them within a common method for the successful analyst/designer. With additional chapters on topics such as Web interface tools and data warehouse system design, and providing new case studies, it is a valuable resource for all information systems students, as well as professionals.

## **BASCOM Programming of Microcontrollers with Ease**

Many companies have asked suppliers to begin using RFID (radio frequency identification) tags by 2006 RFID allows pallets and products to be scanned at a greater distance and with less effort than barcode scanning, offering superior supply-chain management efficiencies This unique plain-English resource explains RFID and shows CIOs, warehouse managers, and supply-chain managers how to implement RFID tagging in products and deploy RFID scanning at a warehouse or distribution center Covers the business case for RFID, pilot programs, timelines and strategies for site assessments and deployments, testing guidelines, privacy and regulatory issues, and more

## **Digital Electronics**

Many modern technologies give the impression that they somehow work by magic, particularly when they operate automatically and their mechanisms are invisible. A technology called RFID (Radio Frequency Identification), which is relatively new, has exactly this characteristic. Librarians everywhere are closely watching RFID technology. Advances over using bar codes on library materials, RFID tags are being touted as a way to radically redesign how library materials are handled. But it is expensive. The tags are vulnerable to wear and tear and the technology is not fully developed. It's unclear what sort of return on investment (ROI) it provides. While it is common for libraries to now have information technology expertise within their organizations, RFID may appear unfamiliar. RFID for Libraries: A practical guide examines what RFID technology is and how it works. The book reviews the development of computer technology and its effects on library operations over the last couple of decades. Further examination features the applications of RFID technology in libraries. An assessment of current implementations in libraries and the lessons learnt provides suggestions to overcome the issues faced. Concluding chapters look into the future to see what developments might be possible with RFID in libraries. Benefiting from the rich experience the author has gained during recent implementation of RFID based system for his library and the important title aids the library and information community in understanding RFID technology from a library perspective. Written by a librarian who has recently implemented the RFID system for his library Comprehensive review of available RFID systems for libraries Step by step guidelines for successful implementation of RFID systems in the library

## **Solder Paste in Electronics Packaging**

Robotic technology offers two potential benefits for future space exploration. One benefit is minimizing the risk that astronauts face. The other benefit is increasing their productivity. Realizing the benefits of robotic technology in space will require solving several problems which are unique and now becoming active research topics. One of the most important research areas is dynamics, control, motion and planning for space robots by considering the dynamic interaction between the robot and the base (space station, space shuttle, or satellite). Any inefficiency in the planning and control can considerably risk by success of the space mission. Space Robotics: Dynamics and Control presents a collection of papers concerning

fundamental problems in dynamics and control of space robots, focussing on issues relevant to dynamic base/robot interaction. The authors are all pioneers in theoretical analysis and experimental systems development of space robot technology. The chapters are organized within three problem areas: dynamics problems, nonholonomic nature problems, and control problems. This collection provides a solid reference for researchers in robotics, mechanics, control, and astronomical science.

### **Routing Protocols Companion Guide**

Contributions by Rick Graziani and Bob Vachon.

### **The Educational Potential of e-Portfolios**

BASCOM-8051 and BASCOM-AVR are development environments built around a powerful BASIC compiler. Both are suited for project handling and program development for the 8051 family and its derivatives as well as for the AVR microcontrollers from Atmel. [Click here](#) to preview the first 25 pages in Acrobat PDF format.

### **Practical Computer Vision with SimpleCV**

Mechatronics specialists play an important role today. Like a "jack of all trades," these technical professionals know how to install a new machine, make necessary connections to electronic circuits, and design required control software. The result of a union of electronics and mechanics, success in this field requires an understanding of robotics, pneumatics, hydraulics, and artificial intelligence. These topics, and more, are the subject of our new Mechatronics Sourcebook. A "must" for anyone who designs, studies, or works with mechatronics projects, the book begins with a review of basic chemistry and physics principles, as well as key mechanics formulas. Later chapters invite readers to explore pneutronics and hydronics applications, electric motors and relays, servo systems, power electronics and power supplies, and more. Relevant information on microcontrollers and microprocessors, PC interfacing, memory applications, programmable controls and digital logic is also included, providing immediate and hassle-free access to all of the information required for success as a highly-skilled, professional mechatronics specialist.

### **Hello, Android**

Whether you want to learn lockpicking or locksmithing, or choose locks that are virtually impossible to defeat, this classic will meet your needs. The top reference in the field since 1976, this book is perfect for everyone from beginners who want to master techniques step by illustrated step, to pros who need an up-to-date, comprehensive shop manual. The Sixth Edition features:

- Complete, illustrated coverage from a master locksmith.
- Techniques and tips for lockpicking and fixing.
- Safe opening and servicing techniques.
- Coverage of electronic and high-security mechanical locks.
- Auto lock opening and servicing how-tos.
- An all-new Registered Locksmith test.
- How to conduct a home security survey
- How to start

and run a locksmithing business, or get hired as a locksmith.

## **The TTL Data Book**

Heart Physiology and Pathophysiology, 4E, provides the foundation for the scientific understanding of heart function and dysfunction, and bridges the gap between basic cardiovascular science and clinical cardiology. This comprehensive text covers all the important aspects of the heart and vascular system. The most important and relevant disorders are presented, with emphasis on the mechanisms involved. The first three editions of this book developed a reputation as the leading reference in cardiovascular science for researchers and academic cardiologists. This recent edition has been updated, expanded, and includes a number of new contributors. It has also been remodeled to expand its usage as a text reference for cardiology residents, practicing cardiologists, and graduate students. Key Features \* The most comprehensive book available on this topic \* Clear, concise, and complete coverage of all important aspects of cardiovascular physiology/pathophysiology \* Completely updated version of the foremost reference on cardiovascular science, including new information on pathophysiology and electrophysiology \* Useful tool in bridging the gap between basic science, pathophysiology, and clinical cardiology

## **Civic Responsibility and Higher Education**

ZigBee is a short-range wireless networking standard backed by such industry leaders as Motorola, Texas Instruments, Philips, Samsung, Siemens, Freescale, etc. It supports mesh networking, each node can transmit and receive data, offers high security and robustness, and is being rapidly adopted in industrial, control/monitoring, and medical applications. This book will explain the ZigBee protocol, discuss the design of ZigBee hardware, and describe how to design and implement ZigBee networks. The book has a dedicated website for the latest technical updates, ZigBee networking calculators, and additional materials. Dr. Farahani is a ZigBee system engineer for Freescale semiconductors Inc. The book comes with a dedicated website that contains additional resources and calculators: <http://www.learnZigBee.com> Provides a comprehensive overview of ZigBee technology and networking, from RF/physical layer considerations to application layer development Discusses ZigBee security features such as encryption Describes how ZigBee can be used in location detection applications Explores techniques for ZigBee co-existence with other wireless technologies such as 802.11 and Bluetooth The book comes with a dedicated website that contains additional resources and calculators: <http://www.learnZigBee.com>

## **Agglomeration Economies and Productivity in Indian Industry**

More than a century ago, John Dewey challenged the education community to look to civic involvement for the betterment of both community and campus. Today, the challenge remains. In his landmark book, editor Thomas Ehrlich has collected essays from national leaders who have focused on civic responsibility and higher education. Imparting both philosophy and working examples, Ehrlich provides the inspiration for innovative new programs in this essential area of learning.

## **Industrial Electronics**

Android is a new software toolkit for mobile phones, created by Google and the Open Handset Alliance. In a few years, it's expected to be found inside millions of cell phones and other mobile devices, making Android a major platform for application developers. That could be your own program running on all those devices. Getting started developing with Android is easy. You don't even need access to an Android phone, just a computer where you can install the Android SDK and the phone emulator that comes with it. Within minutes, "Hello, Android" will get you creating your first working application: Android's version of "Hello, World." From there, you'll build up a more substantial example: an Android Sudoku game. By gradually adding features to the game throughout the course of the book, you'll learn about many aspects of Android programming including user interfaces, multimedia, and the Android life cycle. If you're a busy developer who'd rather be coding than reading about coding, this book is for you. To help you find what you need to know fast, each chapter ends with "Fast forward" section. These sections provide guidance for where you should go next when you need to read the book out of order.

## **Learn Electronics with Arduino**

Have you ever wondered how electronic gadgets are created? Do you have an idea for a new proof-of-concept tech device or electronic toy but have no way of testing the feasibility of the device? Have you accumulated a junk box of electronic parts and are now wondering what to build? Learn Electronics with Arduino will answer these questions to discovering cool and innovative applications for new tech products using modification, reuse, and experimentation techniques. You'll learn electronics concepts while building cool and practical devices and gadgets based on the Arduino, an inexpensive and easy-to-program microcontroller board that is changing the way people think about home-brew tech innovation. Learn Electronics with Arduino uses the discovery method. Instead of starting with terminology and abstract concepts, You'll start by building prototypes with solderless breadboards, basic components, and scavenged electronic parts. Have some old blinky toys and gadgets lying around? Put them to work! You'll discover that there is no mystery behind how to design and build your own circuits, practical devices, cool gadgets, and electronic toys. As you're on the road to becoming an electronics guru, you'll build practical devices like a servo motor controller, and a robotic arm. You'll also learn how to make fun gadgets like a sound effects generator, a music box, and an electronic singing bird.

## **Internet Starter Kit for Macintosh**

## **Handbook of Sensor Networks**

SQL Server 2012 Data Integration Recipes provides focused and practical solutions to real world problems of data integration. Need to import data into SQL Server from an outside source? Need to export data and send it to another system? SQL Server 2012 Data Integration Recipes has your back. You'll find solutions for

importing from Microsoft Office data stores such as Excel and Access, from text files such as CSV files, from XML, from other database brands such as Oracle and MySQL, and even from other SQL Server databases. You'll learn techniques for managing metadata, transforming data to meet the needs of the target system, handling exceptions and errors, and much more. What DBA or developer isn't faced with the need to move data back and forth? Author Adam Aspin brings 10 years of extensive ETL experience involving SQL Server, and especially satellite products such as Data Transformation Services and SQL Server Integration Services. Extensive coverage is given to Integration Services, Microsoft's flagship tool for data integration in SQL Server environments. Coverage is also given to the broader range of tools such as OPENDATASOURCE, linked servers, OPENROWSET, Migration Assistant for Access, BCP Import, and BULK INSERT just to name a few. If you're looking for a resource to cover data integration and ETL across the gamut of Microsoft's SQL Server toolset, SQL Server 2012 Data Integration Recipes is the one book that will meet your needs. Provides practical and proven solutions towards creating resilient ETL environments Clearly answers the tough questions which professionals ask Goes beyond the tools to a thorough discussion of the underlying techniques Covers the gamut of data integration, beyond just SSIS Includes example databases and files to allow readers to test the recipes

### **SQL Server 2012 Data Integration Recipes**

Crompton's Battery Reference Book has become the standard reference source for a wide range of professionals and students involved in designing, manufacturing, and specifying products and systems that use batteries. This book is unique in providing extensive data on specific battery types, manufacturers and suppliers, as well as covering the theory - an aspect of the book which makes an updated edition important for every professional's library. The coverage of different types of battery is fully comprehensive, ranging from minute button cells to large installations weighing several hundred tonnes. Must-have information and data on all classes of battery in an accessible form Essential reference for design engineers in automotive and aerospace applications, telecommunications equipment, household appliances, etc. Informs you of developments over the past five years

### **The RF in RFID**

As the field of communications networks continues to evolve, the challenging area of wireless sensor networks is rapidly coming of age. Recent advances have made it possible to make sensor components more compact, robust, and energy efficient than ever, earning the idiosyncratic alias of Smart Dust. Production has also improved, yielding larger,

### **Building Maintenance Management**

This book explains how UHF tags and readers communicate wirelessly. It gives an understanding of what limits the read range of a tag, how to increase it (and why that might result in breaking the law), and the practical things that need to be addressed when designing and implementing RFID technology. Avoiding heavy math but giving breadth of coverage with the right amount of detail, it is an ideal

introduction to radio communications for engineers who need insight into how tags and readers work. New to this edition: • Examples of near-metal antenna techniques • Discussion of the wakeup challenge for battery-assisted tags, with a BAT architecture example • Latest development of protocols: EPC Gen 1.2.0 • Update 18000-6 discussion with battery-assisted tags, sensor tags, Manchester tags and wakeup provisions Named a 2012 Notable Computer Book for Computer Systems Organization by Computing Reviews The only book to give an understanding of radio communications, the underlying technology for radio frequency identification (RFID) Praised for its readability and clarity, it balances breadth and depth of coverage New edition includes latest developments in chip technology, antennas and protocols

### **The Complete Book of Locks and Locksmithing**

Buku ini merupakan kumpulan 160 esai pendek Goenawan Mohamad yang pernah dimuat majalah Tempo dari Januari 1986 sampai Februari 1990. Diawali dengan esai berjudul “Ding” (4 Januari 1986) sampai yang terakhir “Asongan” (24 Februari 1990). Esai-esai yang dikenal sebagai Catatan Pinggir itu berbicara beragam hal, bahkan hampir semua hal yang dekat dengan peristiwa di masyarakat dalam kurun waktu empat tahun itu: tentang kecemasan, kebebasan, kekuasaan, kemerdekaan, keserakahan, kebahagiaan, demokrasi. Mengenai topik yang disebut terakhir, William Liddle, dalam Kata Pengantar untuk buku ini, mengatakan kiranya jelas bahwa Goenawan sangat menyakini demokrasi sebagai jenis pemerintahan yang terbaik bagi negara kebangsaan Dunia Ketiga seperti Indonesia. Tetapi dia tidak berpretensi seolah-olah demokrasi dengan sendirinya mampu menyelesaikan segala persoalan.... Goenawan Mohamad, kata Liddle, adalah burung langka dalam sangkar intelektual modern Indonesia. Dia menolak tegas pengkotakan Timur-Barat. Dalam sejumlah Catatan Pinggir ini, kata Liddle, dikotomi Timur-Barat beberapa kali ditampilkan Goenawan.

### **Analysis and Design of Information Systems**

To build electronic projects that can sense the physical world, you need to build circuits based around sensors: electronic components that react to physical phenomena by sending an electrical signal. Even with only basic electronic components, you can build useful and educational sensor projects. But if you incorporate Arduino or Raspberry Pi into your project, you can build much more sophisticated projects that can react in interesting ways and even connect to the Internet. This book starts by teaching you the basic electronic circuits to read and react to a sensor. It then goes on to show how to use Arduino to develop sensor systems, and wraps up by teaching you how to build sensor projects with the Linux-powered Raspberry Pi.

### **Getting Started with Sensors**

This book provides an introduction to RFID technology. It describes and addresses the following: How RFID works, how it is and can be used in current and future applications. The History of RFID technology, the current state of practice and where RFID is expected to be taken in the future. The role of middleware software

to route data between the RFID network and the information technology systems within an organization. Commercial and government use of RFID technology with an emphasis on a wide range of applications including retail and consumer packaging, transportation and distribution of products, industrial and manufacturing operations, security and access control. Industry standards and the regulatory compliance environment and finally, the privacy issues faced by the public and industry regarding the deployment of RFID technology.

### **ZigBee Wireless Networks and Transceivers**

This book provides comprehensive coverage of the materials characteristics, process technologies, and device operations for memory field-effect transistors employing inorganic or organic ferroelectric thin films. This transistor-type ferroelectric memory has interesting fundamental device physics and potentially large industrial impact. Among various applications of ferroelectric thin films, the development of nonvolatile ferroelectric random access memory (FeRAM) has been most actively progressed since the late 1980s and reached modest mass production for specific application since 1995. There are two types of memory cells in ferroelectric nonvolatile memories. One is the capacitor-type FeRAM and the other is the field-effect transistor (FET)-type FeRAM. Although the FET-type FeRAM claims the ultimate scalability and nondestructive readout characteristics, the capacitor-type FeRAMs have been the main interest for the major semiconductor memory companies, because the ferroelectric FET has fatal handicaps of cross-talk for random accessibility and short retention time. This book aims to provide the readers with development history, technical issues, fabrication methodologies, and promising applications of FET-type ferroelectric memory devices, presenting a comprehensive review of past, present, and future technologies. The topics discussed will lead to further advances in large-area electronics implemented on glass, plastic or paper substrates as well as in conventional Si electronics. The book is composed of chapters written by leading researchers in ferroelectric materials and related device technologies, including oxide and organic ferroelectric thin films.

### **Designing Embedded Hardware**

The benefits to Indian manufacturing firms of locating in dense urban areas do not appear to offset the associated costs. Improving the quality and availability of transport infrastructure linking smaller urban areas to the rest of the interregional network would improve manufacturing plants' access to markets and would give standardized manufacturing activities a chance to move out of large, costly urban centers to lower cost secondary centers.

### **Security Planning and Disaster Recovery**

Intelligent readers who want to build their own embedded computer systems-- installed in everything from cell phones to cars to handheld organizers to refrigerators-- will find this book to be the most in-depth, practical, and up-to-date guide on the market. Designing Embedded Hardware carefully steers between the practical and philosophical aspects, so developers can both create their own

devices and gadgets and customize and extend off-the-shelf systems. There are hundreds of books to choose from if you need to learn programming, but only a few are available if you want to learn to create hardware. Designing Embedded Hardware provides software and hardware engineers with no prior experience in embedded systems with the necessary conceptual and design building blocks to understand the architectures of embedded systems. Written to provide the depth of coverage and real-world examples developers need, Designing Embedded Hardware also provides a road-map to the pitfalls and traps to avoid in designing embedded systems. Designing Embedded Hardware covers such essential topics as: The principles of developing computer hardware Core hardware designs Assembly language concepts Parallel I/O Analog-digital conversion Timers (internal and external) UART Serial Peripheral Interface Inter-Integrated Circuit Bus Controller Area Network (CAN) Data Converter Interface (DCI) Low-power operation This invaluable and eminently useful book gives you the practical tools and skills to develop, build, and program your own application-specific computers.

### **World Development Report 2010**

A no-nonsense introduction to software design using the Python programming language. Written for people with no programming experience, this book starts with the most basic concepts and gradually adds new material. Some of the ideas students find most challenging, like recursion and object-oriented programming, are divided into a sequence of smaller steps and introduced over the course of several chapters. The focus is on the programming process, with special emphasis on debugging. The book includes a wide range of exercises, from short examples to substantial projects, so that students have ample opportunity to practise each new concept. Exercise solutions and code examples are available from [thinkpython.com](http://thinkpython.com), along with Swampy, a suite of Python programs that is used in some of the exercises.

### **Warta ekonomi**

A world-renowned Delphi authority updates his classic bestseller with complete coverage of the most important new topics for Delphi programmers: building Web applications, using COM and CORBA, and making calls to the Win32 API. Hundreds of real-world examples show programmers how to stretch Delphi to its limits.

### **Mechatronics Sourcebook**

E-portfolios are a valuable learning and assessment tool. They can serve as an administrative tool to manage and organise work, to present course assignments and act as the medium for learners to record their learning goals, outcomes and achievements. They encourage personal reflection and involve the exchange of ideas and feedback. Using technology in this way supports students' abilities in using and exploiting technology for professional and personal purposes, enabling any time, any place learning and peer learning and facilitating the provision of tutor feedback. e-Portfolios is a comprehensive, practical guide for lecturers and staff developers who need to know more about the development of purposeful e-portfolios for supporting students in reflecting on their learning.

## **Panji**

### **Mastering Delphi 5**

### **Heart Physiology and Pathophysiology**

Proactively implement a successful security and disaster recovery plan--before a security breach occurs. Including hands-on security checklists, design maps, and sample plans, this expert resource is crucial for keeping your network safe from any outside intrusions.

### **From Promise to Practice**

### **RFID For Dummies**

The Internet is rapidly changing. Every day new programs are added and information is updated. With that in mind, Engst has written a guide that is beneficial to Macintosh users of the Internet, providing comprehensive coverage of a broad range of Internet topics. Also includes an introduction and history of the Internet. The disk contains software needed to get connected to the Internet.

### **Catatan pinggir 3**

Beginning Arduino Programming allows you to quickly and intuitively develop your programming skills through sketching in code. This clear introduction provides you with an understanding of the basic framework for developing Arduino code, including the structure, syntax, functions, and libraries needed to create future projects. You will also learn how to program your Arduino interface board to sense the physical world, to control light, movement, and sound, and to create objects with interesting behavior. With Beginning Arduino Programming, you'll get the knowledge you need to master the fundamental aspects of writing code on the Arduino platform, even if you have never before written code. It will have you ready to take the next step: to explore new project ideas, new kinds of hardware, contribute back to the open source community, and even take on more programming languages.

### **Beginning Arduino Programming**

### **Global Status Report on Road Safety**

"Over 1.2 million people die each year on the world's roads, and between 20 and 50 million suffer non-fatal injuries. In most regions of the world this epidemic of road traffic injuries is still increasing. In the past five years most countries have endorsed the recommendations of the World report on road traffic injury prevention which give guidance on how countries can implement a comprehensive

approach to improving road safety and reducing the death toll on their roads. To date, however, there has been no global assessment of road safety that indicates the extent to which this approach is being implemented. This Global status report on road safety is the first broad assessment of the status of road safety in 178 countries, using data drawn from a standardized survey conducted in 2008. The results provide a benchmark that countries can use to assess their road safety position relative to other countries, while internationally the data presented can collectively be considered as a global "baseline" against which progress over time can be measured"--Executive summary.

### **Battery Reference Book**

In the crowded field of climate change reports, 'WDR 2010' uniquely: emphasizes development; takes an integrated look at adaptation and mitigation; highlights opportunities in the changing competitive landscape; and proposes policy solutions grounded in analytic work and in the context of the political economy of reform.

### **Python for Software Design**

How can the United Nations, regional and subregional organizations, government donors, and other policymakers best apply the tools of conflict prevention to the wide range of intrastate conflict situations actually found in the field? The detailed case studies and analytical chapters in *From Promise to Practice* offer operational lessons for fashioning strategy and tactics to meet the challenges of specific conflicts, both potential and actual.

### **Ferroelectric-Gate Field Effect Transistor Memories**

This new edition of an informative and accessible book guides building surveyors and facilities managers through the key aspects of property maintenance and continues to be of value to both students and practitioners. With the increasing cost of new-build, effective maintenance of existing building stock is becoming ever more important and building maintenance work now represents nearly half of total construction output in the UK. *Building Maintenance Management* provides a comprehensive profile of the many aspects of property maintenance. This second edition has been updated throughout, with sections on outsourcing; maintenance planning; benchmarking and KPIs; and current trends in procurement routes (including partnering and the growth of PFI) integrated into the text. There is also a new chapter on the changing context within which maintenance is carried out, largely concerned with its relationship to facilities management. More coverage is given of maintenance organisations and there are major updates to relevant aspects of health and safety and to contract forms.

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