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## **BY83KJ - ANDREWS WIGGINS**

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This unique handbook assumes no starting knowledge of car electrical and electronics systems. It begins with simple circuits and finishes with complex electronic systems that include engine management, transmission control and stability control systems. If you want to diagnose a simple alternator charging or headlight problem, this book is for you. But if you also want to fix complex electronic systems using On-Board Diagnostics, a multimeter or oscilloscope, this book also shows you how to do that. Is it best to use a series or parallel circuit when adding a horn? How do you use a multimeter to check a coolant temperature sensor against its specs? How can you add an electronic timer that will keep your headlights on as you walk to your door? When should you buy an oscilloscope - and how complex an instrument do you really need? The author has been writing about car electronic systems for over 25 years. He is also an experienced and proficient car modifier who has performed numerous electronic modifications and upgrades to his own cars, including world-first modifications. If you

want a practical, hands-on book that demystifies and explains car electrical and electronic systems, this is the book for you.

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ODROID-C1+: An Affordable Interactive Portable Monitor 46 Meet an ODROIDian: Manuel Adamuz, ODROID Magazine Spanish Editor

Modern warfare is becoming increasingly defined by distance. Today, many Western and non-Western states have shied away from deploying large numbers of their own troops to battlefields. Instead, they have limited themselves to supporting the frontline fighting of local and regional actors against non-state armed forces through the provision of intelligence, training, equipment and airpower. This is remote warfare, the dominant method of military engagement now employed by many states. Despite the increasing prevalence of this distinct form of military engagement, it remains an understudied subject and considerable gaps exist in the academic understanding of it. Bringing together writers from various backgrounds, this edited volume offers a critical enquiry into the use of remote warfare.

You can thrive and excel when you're working remotely, if you adopt the mindset, habits and tech tools of professionals who are even more productive outside the office: Learn to think like a "business of one," and that entrepreneurial mindset will transform your experience of remote work. Remote work can be satisfying and productive—once you craft a strategy that taps into the unique advantages of working from home. After a year in which many of us plunged into remote work overnight, we finally have a chance to make thoughtful choices about how to combine remote and office work, and how to make the most of our days at home. Remote, Inc. gives you the strategies and tools you need to make remote work a valuable part of your renewed working life. Learn how to... Gain control over how and when you work by focus-

ing on objectives, not the 9-to-5 workday. Wow your managers by treating them like valued clients. Beat information overload by prioritizing important emails and messages. Make online meetings purposeful, focused and engaging. Build great relationships with your colleagues—whether at the next desk, or another city. Find a balance between work from home, and life at home. Make a remote work plan that lets you get the best from time at the office—and the best of home. Remote, Inc. takes you inside the mindset and habits of people who flourish while working outside the office some or all of the time: people who function like a "business of one." That's how productivity experts Robert C. Pozen and Alexandra Samuel describe the mindset that lets people thrive when they're working remotely, whether full-time or in combination with time at the office. You can follow their lead by embracing the work habits and independence of a small business owner—while also tapping into the benefits of collegiality and online collaboration.

The countdown to Armageddon begins . . . It began in California with a devastating biological attack - a horrifying display of home-grown terror - just weeks before the presidential election. For the White House, it is a political nightmare, as it threatens to plunge the country into panic and economic chaos. But for the US government's undercover agent Devlin, it is the ultimate warning. Devlin knows who's behind the mayhem. He knows who controls the media. And he knows that, unless he can stop it, the End of Days begins . . . right on Election Day. "A strange plague called the 'Gets is decimating humanity on a global scale. It causes people to forget--small things at first, like where they left their keys, then

the not-so-small things like how to drive or the letters of the alphabet. Then their bodies forget how to function involuntarily. There is no cure. But far below the surface of the Pacific Ocean, a universal healer hailed as 'ambrosia' has been discovered. In order to study this phenomenon, a special research lab has been built eight miles under the sea's surface. When the station goes incommunicado, a brave few descend through the lightless fathoms in hopes of unraveling the mysteries lurking at those crushing depths...and perhaps to encounter an evil blacker than anything one could possibly imagine"--Page [4] of cover.

The ability to anticipate the impacts of global environmental changes on natural resources is fundamental to designing appropriate and optimised adaptation and mitigation strategies. However, this requires the scientific community to have access to reliable, large-scale information on spatio-temporal changes in the distribution of abiotic conditions and on the distribution, structure, composition, and functioning of ecosystems. Satellite remote sensing can provide access to some of this fundamental data by offering repeatable, standardised, and verifiable information that is directly relevant to the monitoring and management of our natural capital. This book demonstrates how ecological knowledge and satellite-based information can be effectively combined to address a wide array of current natural resource management needs. By focusing on concrete applied examples in both the marine and terrestrial realms, it will help pave the way for developing enhanced levels of collaboration between the ecological and remote sensing communities, as well as shaping their future research directions. Satellite Remote Sensing and the Management of Natural Resources is primarily aimed at

ecologists and remote sensing specialists, as well as policy makers and practitioners in the fields of conservation biology, biodiversity monitoring, and natural resource management.

p.p1 {margin: 0.0px 0.0px 0.0px 0.0px; font: 12.0px Arial} Without question, the 1964-1/2 Mustang is one of the most important and influential cars in automotive history. When Ford launched the Mustang, it created an automotive revolution. Award-winning designer and stylist Gale Halderman was at the epicenter of the action at Ford, and, in fact, his initial design sketch formed the basis of the new Mustang. He reveals his involvement in the project as well as telling the entire story of the design and development of the Mustang. Authors and Mustang enthusiasts James Dinsmore and James Halderman go beyond the front doors at Ford into the design center, testing grounds, and Ford facilities to get the real, unvarnished story. Gale Halderman offers a unique behind-the-scenes perspective and firsthand account of the inception, design, development, and production of the original Mustang. With stinging losses from the Edsel fresh in minds at Ford, the Mustang project was an uphill battle from day one. Lee Iacocca and his assembled team had a herculean task to convince Henry Ford II to take a risk on a new concept of automobile, but with the help of Hal Sperlich's detailed market research, the project received the green light. Henry Ford II made it clear that jobs were on the line, including Iacocca's, if it failed. The process of taking a car from sketch to clay model to prototype to preproduction and finally finished model is retraced in insightful detail. During the process, many fascinating experimental cars, such as the Mustang I two-seater, Mustang II prototype, Mustang Allegro, and Shorty,

were built. But eventually the Mustang, based on the existing Ford Falcon, received the nod for final production. In a gala event, it was unveiled at the 1964 World's Fair in New York. The Mustang received public accolades and critical acclaim, and soon it became a runaway hit. After the initial success, Ford designers and Gale Halderman designed and developed the first fastback Mustangs to compliment the coupes. The classic Mustang muscle cars to follow, including the GT, Mach 1, and others, are profiled as well. The Mustang changed automotive history and ushered in the pony car era as a nimble, powerful, and elegantly styled sports coupe. But it could so easily have stumbled and wound up on the scrap pile of failed new projects. This is the remarkable and dramatic story of how the Mustang came to life, the demanding design and development process, and, ultimately, the triumph of the iconic American car.

This concise guide, written by a power electronics engineer, provides you with the practical information that you need to know in order to choose the right emergency power generator for your needs. The guide discusses standby and portable electric generators in minute detail. It also presents an overview of battery-based backup systems. For each type of electric generators this Home Generator Guide provides principles of operation, pros and cons, lesser known details, charts with comparative characteristics of the popular brands, cost estimation, step-by-step sizing procedure and transfer switch wiring options. The guide explains some common mistakes made in determining the required generator size. In conclusion the author offers his generator picks depending on your requirements and budget. This is 3rd Edi-

tion (2021).

Conquer Windows 10--from the inside out! Dive into Windows 10--and really put your Windows expertise to work. Focusing on the most powerful and innovative features of Windows 10, this supremely organized reference packs hundreds of timesaving solutions, tips, and workarounds. From the new Microsoft Edge browser to the personal assistant Cortana, from security to the enhanced Start menu, discover how the experts tackle essential Windows 10 tasks--and challenge yourself to new levels of mastery. Install, configure, and personalize Windows 10 Transition smoothly from Windows 7 or Windows 8.1 Discover the fast, efficient Microsoft Edge browser Use the Cortana personal assistant to handle reminders and information retrieval Explore cloud services Find, manage, back up, and restore files Use the Windows 10 Mail, Calendar, and People apps Retrieve, organize, and enjoy digital media Harden security and strengthen privacy Add Windows Store apps Fine-tune performance and troubleshoot crashes Share resources and control computers remotely Automate tasks and use advanced system management Run Hyper-V virtual machines For Intermediate and Advanced Users Your role: Experienced intermediate-level to advanced-level Windows user Prerequisites: Basic understanding of Windows procedures, techniques, and navigation

All the scientific people say that Yellowstone will erupt again, but no one knows when. Everything is still a guessing game. They say that it could be a super volcano. This is a volcano capable of producing a volcanic eruption with an ejected volume greater than 1,000 km (240 cu mi). This is thousands of times larger than normal volcanic eruptions. Super

volcanoes can occur when magma in the mantle rises into the crust from a hotspot but is unable to break through the crust, and pressure builds in a large and growing magma pool until the crust is unable to contain the pressure. Such is the case for the Yellowstone Caldera. They can monitor and watch, but it is still a guessing game. I based my book on one type of eruption that may take place, which is a Plinian eruption. These eruptions are marked by their similarity to the eruption of Mount Vesuvius in AD 79. Plinian eruptions are marked by columns of gas and volcanic ash extending high into the stratosphere, a high layer of the atmosphere. The key characteristics are ejection of large amounts of pumice and very powerful continuous gas blast eruptions.

Featuring three new chapters on hybrid and electric vehicles, this fully updated 5th edition of AUTOMOTIVE SERVICE: INSPECTION, MAINTENANCE, REPAIR helps students develop the knowledge and skills they need to be successful in a range of automotive careers. Known for its clear explanations and high quality art, this best-selling text covers all eight major course areas of automotive technology, from an introduction to shop management to theories of vehicle systems operations with step-by-step procedures for trouble shooting and repair. Technically reviewed by instructors and industry experts and reflecting the latest ASE Education Foundation's Automobile Program Standards, this edition is ideal for students enrolled in ASE Education Foundation-accredited programs. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

By 2020, the Internet of Things (IoT) will

consist of millions of computational devices intimately connected to real-world aspects of human life. In this insightful book, Professor Sean Smith, who worked in information security long before the web appeared, explains that if we build the IoT the way we built the current internet and other information technology initiatives, we're headed for trouble. With a focus on concrete solutions, *The Internet of Risky Things* explains how we can avoid simple flaws that have plagued several dramatic IT advances in recent decades. Developers, engineers, industrial designers, makers, and researchers will explore "design patterns of insecurities" and learn what's required to route around or fix them in the nascent IoT. Examine bugs that plague large-scale systems, including integer overflow, race conditions, and memory corruption. Look at successful and disastrous examples of previous quantum leaps in health IT, the smart grid, and autonomous vehicles. Explore patterns in coding, authentication, and cryptography that led to insecurity. Learn how blunders that led to spectacular IT disasters could have been avoided. Ready to control your house with your smartphone or tablet? Spivey shows you how to control thermostats, home security systems, and much more! Best of all, with these plain-English instructions, you can do it yourself!

In 1996, the Institute of Medicine (IOM) released its report *Telemedicine: A Guide to Assessing Telecommunications for Health Care*. In that report, the IOM Committee on Evaluating Clinical Applications of Telemedicine found telemedicine is similar in most respects to other technologies for which better evidence of effectiveness is also being demanded. Telemedicine, however, has some special characteristics-shared with information technologies generally-that warrant

particular notice from evaluators and decision makers. Since that time, attention to telehealth has continued to grow in both the public and private sectors. Peer-reviewed journals and professional societies are devoted to telehealth, the federal government provides grant funding to promote the use of telehealth, and the private technology industry continues to develop new applications for telehealth. However, barriers remain to the use of telehealth modalities, including issues related to reimbursement, licensure, workforce, and costs. Also, some areas of telehealth have developed a stronger evidence base than others. The Health Resources and Service Administration (HRSA) sponsored the IOM in holding a workshop in Washington, DC, on August 8-9 2012, to examine how the use of telehealth technology can fit into the U.S. health care system. HRSA asked the IOM to focus on the potential for telehealth to serve geographically isolated individuals and extend the reach of scarce resources while also emphasizing the quality and value in the delivery of health care services. This workshop summary discusses the evolution of telehealth since 1996, including the increasing role of the private sector, policies that have promoted or delayed the use of telehealth, and consumer acceptance of telehealth. *The Role of Telehealth in an Evolving Health Care Environment: Workshop Summary* discusses the current evidence base for telehealth, including available data and gaps in data; discuss how technological developments, including mobile telehealth, electronic intensive care units, remote monitoring, social networking, and wearable devices, in conjunction with the push for electronic health records, is changing the delivery of health care in rural and urban environments. This report also summarizes ac-

tions that the U.S. Department of Health and Human Services (HHS) can undertake to further the use of telehealth to improve health care outcomes while controlling costs in the current health care environment.

In this fast-paced global economy, academia and industry must innovate to evolve and succeed. Today's researchers and industry experts are seeking transformative technologies to meet the challenges of tomorrow. Cutting-edge technological advances in cybersecurity solutions aid in enabling the security of complex heterogeneous high-performance computing (HPC) environments. On the other hand, HPC facilitates powerful and intelligent innovative models for reducing time to response to identify and resolve a multitude of potential, newly emerging cyberattacks. Cybersecurity and High-Performance Computing Environments provides a collection of the current and emergent research innovations, practices, and applications focusing on the interdependence of cybersecurity and HPC domains for discovering and resolving new emerging cyber-threats. **KEY FEATURES** Represents a substantial research contribution to the state-of-the-art solutions for addressing the threats to confidentiality, integrity, and availability (CIA triad) in HPC environments Covers the groundbreaking and emergent solutions that utilize the power of the HPC environments to study and understand the emergent, multifaceted, anomalous, and malicious characteristics The content will help university students, researchers, and professionals understand how HPC research fits broader cybersecurity objectives and vice versa.

**#1 NEW YORK TIMES BESTSELLER • NATIONAL BOOK AWARD WINNER • NAMED ONE OF TIME'S TEN BEST NONFICTION**

BOOKS OF THE DECADE • PULITZER PRIZE FINALIST • NATIONAL BOOK CRITICS CIRCLE AWARD FINALIST • ONE OF OPRAH'S "BOOKS THAT HELP ME THROUGH" • NOW AN HBO ORIGINAL SPECIAL EVENT Hailed by Toni Morrison as "required reading," a bold and personal literary exploration of America's racial history by "the most important essayist in a generation and a writer who changed the national political conversation about race" (Rolling Stone) NAMED ONE OF THE MOST INFLUENTIAL BOOKS OF THE DECADE BY CNN • NAMED ONE OF PASTE'S BEST MEMOIRS OF THE DECADE • NAMED ONE OF THE TEN BEST BOOKS OF THE YEAR BY The New York Times Book Review • O: The Oprah Magazine • The Washington Post • People • Entertainment Weekly • Vogue • Los Angeles Times • San Francisco Chronicle • Chicago Tribune • New York • Newsday • Library Journal • Publishers Weekly In a profound work that pivots from the biggest questions about American history and ideals to the most intimate concerns of a father for his son, Ta-Nehisi Coates offers a powerful new framework for understanding our nation's history and current crisis. Americans have built an empire on the idea of "race," a falsehood that damages us all but falls most heavily on the bodies of black women and men—bodies exploited through slavery and segregation, and, today, threatened, locked up, and murdered out of all proportion. What is it like to inhabit a black body and find a way to live within it? And how can we all honestly reckon with this fraught history and free ourselves from its burden? *Between the World and Me* is Ta-Nehisi Coates's attempt to answer these questions in a letter to his adolescent son. Coates shares with his son—and readers—the story of his awakening to the truth about his

place in the world through a series of revelatory experiences, from Howard University to Civil War battlefields, from the South Side of Chicago to Paris, from his childhood home to the living rooms of mothers whose children's lives were taken as American plunder. Beautifully woven from personal narrative, reimagined history, and fresh, emotionally charged reportage, *Between the World and Me* clearly illuminates the past, bravely confronts our present, and offers a transcendent vision for a way forward.

Annotation Over the past 10 years, distributed systems have become more fine-grained. From the large multi-million line long monolithic applications, we are now seeing the benefits of smaller self-contained services. Rather than heavy-weight, hard to change Service Oriented Architectures, we are now seeing systems consisting of collaborating microservices. Easier to change, deploy, and if required retire, organizations which are in the right position to take advantage of them are yielding significant benefits. This book takes a holistic view of the things you need to be cognizant of in order to pull this off. It covers just enough understanding of technology, architecture, operations and organization to show you how to move towards finer-grained systems.

Designed to serve as a textbook for a single semester undergraduate course on electromechanical energy conversion devices or electric machines, *ELECTRIC MACHINES* strikes a balance between theoretical coverage, easy explanations, and practical applications, presenting real world applications of concepts without compromising on the rigor or the continuity of the text. The book provides excellent readability, in a conversational style, combined with invaluable industry insight. The accompanying website pro-

vides problems solved in MATLAB, SPICE simulations, manufacturing data, as well as additional problems for students and instructors. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

The Model Rules of Professional Conduct provides an up-to-date resource for information on legal ethics. Federal, state and local courts in all jurisdictions look to the Rules for guidance in solving lawyer malpractice cases, disciplinary actions, disqualification issues, sanctions questions and much more. In this volume, black-letter Rules of Professional Conduct are followed by numbered Comments that explain each Rule's purpose and provide suggestions for its practical application. The Rules will help you identify proper conduct in a variety of given situations, review those instances where discretionary action is possible, and define the nature of the relationship between you and your clients, colleagues and the courts.

This book is about how to develop future automotive products by applying the latest methodologies based on a systems engineering approach and by taking into account many issues facing the auto industry such as meeting government safety, emissions and fuel economy regulations, incorporating advances in new technology applications in structural materials, power trains, vehicle lighting systems, displays and telematics, and satisfying the very demanding customer. It is financially disastrous for any automotive company to create a vehicle that very few people want. To design an automotive product that will be successful in the marketplace requires carefully orchestrated teamwork of experts from many disciplines, substantial amount of re-

sources, and application of proven techniques at the right time during the product development process. Automotive Product Development: A Systems Engineering Implementation is intended for company management personnel and graduate students in engineering, business management and other disciplines associated with the development of automotive and other complex products.

Comprehensive Remote Sensing covers all aspects of the topic, with each volume edited by well-known scientists and contributed to by frontier researchers. It is a comprehensive resource that will benefit both students and researchers who want to further their understanding in this discipline. The field of remote sensing has quadrupled in size in the past two decades, and increasingly draws in individuals working in a diverse set of disciplines ranging from geographers, oceanographers, and meteorologists, to physicists and computer scientists. Researchers from a variety of backgrounds are now accessing remote sensing data, creating an urgent need for a one-stop reference work that can comprehensively document the development of remote sensing, from the basic principles, modeling and practical algorithms, to various applications. Fully comprehensive coverage of this rapidly growing discipline, giving readers a detailed overview of all aspects of Remote Sensing principles and applications Contains 'Layered content', with each article beginning with the basics and then moving on to more complex concepts Ideal for advanced undergraduates and academic researchers Includes case studies that illustrate the practical application of remote sensing principles, further enhancing understanding

This book comprehensively reviews the cyber security and privacy issues in tran-



sportation cyber-physical systems (TCPSs). It examines theories and various state-of-the-art technologies and methodologies. Starting with a survey of the latest solutions in TCPSs, it introduces a smart-transport-system architecture design based on cyber-physical systems. It then discusses in detail the principles and metrics of evaluating safety and privacy in TCPSs and elaborates the verification and analysis of secure, robust and trustworthy TCPSs. Moreover, it demonstrates the advanced and novel tools commonly used in practice by several researchers. Lastly it provides an exhaustive case study on the authentication and attestation in TCPSs. This book is of interest not only to readers in the field of TCPSs, but also to those in interdisciplinary fields, such as energy, health-care, bio-engineering etc.

The Ceramic Engineering and Science Proceeding has been published by The American Ceramic Society since 1980. This series contains a collection of papers dealing with issues in both traditional ceramics (i.e., glass, whitewares, refractories, and porcelain enamel) and advanced ceramics. Topics covered in the area of advanced ceramic include bioceramics, nanomaterials, composites, solid oxide fuel cells, mechanical properties and structural design, advanced ceramic coatings, ceramic armor, porous ceramics, and more.

All eight of the NATEF Job Sheets manuals have been thoughtfully designed to assist users gain valuable job preparedness skills and master specific diagnostic and repair procedures required for success as a professional automotive technician. Ideal for use either as a stand-alone item or with any comprehensive or topic-specific automotive text, the entire series is aligned with the 2013 NATEF

tasks and consists of individual books for each of the following areas: Engine Repair, Automatic Transmissions/Transaxles, Manual Drive Trains and Axles, Suspension and Steering, Brakes, Electricity/Electronics, Heating and Air Conditioning, and Engine Performance. Central to each manual are well-designed and easy-to-read job sheets, each of which contains specific performance-based objectives, lists of required tools and materials, safety precautions, plus step-by-step procedures to lead users to completion of shop activities. Also, each job sheet references all applicable NATEF Standards. As they work through each task, users are encouraged to conduct tests, record measurements, make observations, and employ critical-thinking skills in order to draw conclusions. Space is included for users to make notes concerning problems encountered while working, and for instructors to add comments and/or grades. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Love Inspired brings you three new titles for one great price, available now! Enjoy these uplifting contemporary romances of faith, forgiveness and hope. This Love Inspired box set includes *Amish Redemption* by Patricia Davids, *A Dad for Her Twins* by Lois Richer and *Small-Town Bachelor* by Jill Kemerer. Look for 3 new inspirational stories every month from Love Inspired!

This book enables intermediate and advanced programmers the kind of depth that's really needed, such as advanced window functionality, macros, advanced debugging, and add-ins, etc. With this book, developers will learn the VS.NET development environment from top to bottom.

The conference topics address different theoretical and practical aspects, and implementing solutions for intelligent systems and informatics disciplines including bioinformatics, computer science, medical informatics, biology, social studies, as well as robotics research. The conference also discuss and present solutions to the cloud computing and big data mining which are considered hot research topics. The conference papers discussed different topics - techniques, models, methods, architectures, as well as multi aspect, domain-specific, and new solutions for the above disciplines. The accepted papers have been grouped into five parts: Part I—Intelligent Systems and Informatics, addressing topics including, but not limited to, medical application, predicting student performance, action classification, and detection of dead stained microscopic cells, optical character recognition, plant identification, rehabilitation of disabled people. Part II—Hybrid Intelligent Systems, addressing topics including, but not limited to, EMG signals, text classification, geomagnetic inverse problem, email filtering. Part III—Multimedia Computing and Social Networks, addressing topics including, but not limited to, augmented reality, telepresence robot, video flash matching, community detection, quality images, face thermal image extraction, MRI tumor segmentation. Part V—Cloud Computing and Big Data Mining, discussing topics including, but not limited to, mining on microblogs, query optimization, big data classification, access control, friendsourcing, and assistive technology. Part VI—Swarm Optimization and Its Applications, addressing topics including, but not limited to, solving set covering problem, adaptive PSO for CT liver segmentation, water quality assessment, attribute reduction, fish detection, solving

manufacturing cell design problem.

This book is great for developers, quality assurance engineers, testers, and test managers new to Apache JMeter, or those who are looking to get a good grounding in how to effectively use and become proficient with JMeter. No prior testing experience is required.

Active remote sensing is the principal tool used to study and to predict short- and long-term changes in the environment of Earth - the atmosphere, the oceans and the land surfaces - as well as the near space environment of Earth. All of these measurements are essential to understanding terrestrial weather, climate change, space weather hazards, and threats from asteroids. Active remote sensing measurements are of inestimable benefit to society, as we pursue the development of a technological civilization that is economically viable, and seek to maintain the quality of our life. A Strategy for Active Remote Sensing Amid Increased Demand for Spectrum describes the threats, both current and future, to the effective use of the electromagnetic spectrum required for active remote sensing. This report offers specific recommendations for protecting and making effective use of the spectrum required for active remote sensing.

Looking for heart-racing romance and breathless suspense? Want stories filled with life-and-death situations that cause sparks to fly between adventurous, strong women and brave, powerful men? Harlequin® Romantic Suspense brings you all that and more with four new full-length titles for one great price every month! PLAYING WITH FIRE Conard County: The Next Generation by Rachel Lee When Charity Atkins uncovers terrifying evidence of arson at a Conard County ranch, she becomes a target...not only of

fire chief Wayne Camden's interest, but of a mysterious arsonist as well, and only Wayne stands between her and death.

**THE TEMPTATION OF DR. COLTON** The Coltons of Oklahoma by Karen Whiddon When a beautiful stranger is run down by a car right in front of him, surgeon Eric Colton rushes to help. Miraculously, she isn't badly hurt—except she has amnesia. Can he keep her safe long enough for her to regain her memory?

**OPERATION HOMECOMING** Cutter's Code by Justine Davis Walker Cole is finally home, but not welcome. He can't tell his family where he's been for the past five years, but he can step in to bodyguard his little sister's best friend when she uncovers something illegal at her law firm...

**ALEC'S ROYAL ASSIGNMENT** Man on a Mission by Amelia Autin Agent Alec Jones has no time for romance. Royal bodyguard Angelina Mateja has no room for emotional entanglements, either. When they're forced to work together to investigate government corruption, will they find each other even as the danger escalates? Look for 4 heart-racing new stories every month from Harlequin® Romantic Suspense!

This book presents a comprehensive study of different tools and techniques available to perform network forensics. Also, various aspects of network forensics are reviewed as well as related technologies and their limitations. This helps security practitioners and researchers in better understanding of the problem, current solution space, and future research scope to detect and investigate various network intrusions against such attacks efficiently. Forensic computing is rapidly gaining importance since the amount of crime involving digital systems is steadily increasing. Furthermore, the area is still underdeveloped and poses many technical and legal challenges. The rapid

development of the Internet over the past decade appeared to have facilitated an increase in the incidents of online attacks. There are many reasons which are motivating the attackers to be fearless in carrying out the attacks. For example, the speed with which an attack can be carried out, the anonymity provided by the medium, nature of medium where digital information is stolen without actually removing it, increased availability of potential victims and the global impact of the attacks are some of the aspects. Forensic analysis is performed at two different levels: Computer Forensics and Network Forensics. Computer forensics deals with the collection and analysis of data from computer systems, networks, communication streams and storage media in a manner admissible in a court of law. Network forensics deals with the capture, recording or analysis of network events in order to discover evidential information about the source of security attacks in a court of law. Network forensics is not another term for network security. It is an extended phase of network security as the data for forensic analysis are collected from security products like firewalls and intrusion detection systems. The results of this data analysis are utilized for investigating the attacks. Network forensics generally refers to the collection and analysis of network data such as network traffic, firewall logs, IDS logs, etc. Technically, it is a member of the already-existing and expanding the field of digital forensics. Analogously, network forensics is defined as "The use of scientifically proved techniques to collect, fuses, identifies, examine, correlate, analyze, and document digital evidence from multiple, actively processing and transmitting digital sources for the purpose of uncovering facts related to the planned intent, or measured success of

unauthorized activities meant to disrupt, corrupt, and or compromise system components as well as providing information to assist in response to or recovery from these activities." Network forensics plays a significant role in the security of today's organizations. On the one hand, it helps to learn the details of external attacks ensuring similar future attacks are thwarted. Additionally, network forensics is essential for investigating insiders' abuses that constitute the second costliest type of attack within organizations. Finally, law enforcement requires network forensics for crimes in which a computer or digital system is either being the target of a crime or being used as a tool in carrying a crime. Network security protects the system against attack while network forensics focuses on recording evidence of the attack. Network security products are generalized and look for possible harmful behaviors. This monitoring is a continuous process and is performed all through the day. However, network forensics involves post mortem investigation of the attack and is initiated after crime notification. There are many tools which assist in capturing data transferred over the networks so that an attack or the malicious intent of the intrusions may be investigated. Similarly, various network forensic frameworks are proposed in the literature.

In the United States, some populations suffer from far greater disparities in health than others. Those disparities are caused not only by fundamental differences in health status across segments of the population, but also because of inequities in factors that impact health status, so-called determinants of health. Only part of an individual's health status depends on his or her behavior and choice; community-wide problems like poverty,

unemployment, poor education, inadequate housing, poor public transportation, interpersonal violence, and decaying neighborhoods also contribute to health inequities, as well as the historic and ongoing interplay of structures, policies, and norms that shape lives. When these factors are not optimal in a community, it does not mean they are intractable: such inequities can be mitigated by social policies that can shape health in powerful ways. *Communities in Action: Pathways to Health Equity* seeks to delineate the causes of and the solutions to health inequities in the United States. This report focuses on what communities can do to promote health equity, what actions are needed by the many and varied stakeholders that are part of communities or support them, as well as the root causes and structural barriers that need to be overcome.

Carmakers release new models every year with advanced technology to attract consumer interest and to satisfy increasingly stringent government regulations. Some of these technologies are firsts or leading-edge, and they start trends that more companies will soon follow. Snapshots of the direction of the automotive industry, along with OEM and supplier perspectives, are presented in these articles that have been collected by the Editors of *Automotive Engineering* whose aim is to provide the reader with a complete overview of the key advances that took place over the course of one model year.

- Provides a single source for information on the key engineering trends of one year.
- Allows the reader to skip to chapters that cover specific car models that interest them, or read about all models from beginning to end.
- Includes plenty of big, full-color images and the facts about the most recent technology and engineering innovations. Each car

manufacturer has its own chapter exploring new models in-depth. The yearly trends and innovations that make the automotive industry fascinating to both the engineer and the customer are all captured in the imagery and easy-reading of this full-color book.

From the first six-cylindered Mustang in 1962, through world-beating Boss and Shelby models, to 2015's all-new Mustang, this book offers all the data and detail Mustang fans lust after.

**AUTOMOTIVE TECHNOLOGY: A SYSTEMS APPROACH** - the leading authority on automotive theory, service, and repair - has been thoroughly updated to provide accurate, current information on the latest technology, industry trends, and state-of-the-art tools and techniques. This comprehensive text covers the full range of basic topics outlined by ASE, including engine repair, automatic transmissions, manual transmissions and transaxles, suspension and steering, brakes, electricity and electronics, heating and air conditioning, and engine performance. Now updated to reflect the latest ASE Education Foundation MAST standards, as well as cutting-edge hybrid and electric engines, this trusted text is an essential resource for aspiring and active technicians who want to succeed in the dynamic, rapidly evolving field of automotive service and repair. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Every year global automakers introduce new or significantly re-engineered passenger vehicles with increasingly advanced technology intended to exceed consumer expectations and satisfy increasingly stringent government regulations. Some of these technologies are

firsts-of-their-kind and start trends that other automakers soon follow—with the innovations becoming adopted across the board. The supply community is also increasingly playing a more significant role in helping the original equipment manufacturers research, develop, and introduce the latest engineering innovations that help bring competitive advantage for their automaker partners. Each year, the editors of SAE's Automotive Engineering magazine publish many articles focused on the technology and engineering innovations of new passenger and concept vehicles, and these articles have been collected into this volume. This 2015 Passenger Car and 2014 Concept Car Yearbook is the fourth in an ongoing series of books that provide yearly snapshots of the latest and greatest technologies introduced by the automotive industry. In this book, we explore from an OEM and supplier perspective the newest and most technically interesting production vehicles released for the 2015 model year. In addition, we also have included a technology-focused recap of the concept cars revealed during 2014. Readers will have, in one publication, a complete overview of the key advances that took place over the course of the year from around the world. Each new model is profiled in its own chapter with one or more articles by the award-winning editors and contributors of Automotive Engineering in this exclusive compilation of print and online content. The novel engineering aspects of each new vehicle are explored, with exclusive interviews of key engineers and product developers providing insights you can only get from you can only get from Automotive Engineering. This book is published for the most technically-minded enthusiasts who are interested in new car technologies, as well as practicing au-

tomotive engineers who are interested in new engineering trends. Engineering trends explored focus on what engineers are doing to meet the sometimes conflicting consumer and governmental demands for improved vehicle fuel efficiency, performance, safety and comfort. In short, this book:

- Provides a single source for information on the key engineering trends of the year from both automaker and supplier perspectives.
- Allows the reader to skip to chapters that cover specific car models that interest them, or read about all models from beginning to end.
- Makes for dynamic book reading, with its large number of big, full-color images and easy-reading magazine format.

Innovation is the key to maintain competitive advantage. Innovation in products, processes, and business models help companies to provide economic value to their customers. Identifying the innovative ideas, implementing those ideas, and absorbing them in the market requires investing many resources that could incur large costs. Technology encourages companies to foster innovation to remain competitive in the marketplace. *Emerging Technologies for Innovation Management in the Software Industry* serves as a resource for technology absorption in companies supporting innovation. It highlights the role of technology to assist software companies—especially small start-ups—to innovate their products, processes, and business models. This book provides the necessary guidelines of which tools to use and under what situations. Covering topics such as risk management, prioritization approaches, and digitally-enabled innovation processes, this premier reference source is an ideal resource for entrepreneurs, software developers, software managers, business leaders, engi-

neers, students and faculty of higher education, researchers, and academicians. Held captive by her employers -- and by her own demons -- on a mysterious farm, a widow struggles to reunite with her young son in this uniquely American story of freedom, perseverance, and survival. Darlene, once an exemplary wife and a loving mother to her young son, Eddie, finds herself devastated by the unforeseen death of her husband. Unable to cope with her grief, she turns to drugs, and quickly forms an addiction. One day she disappears without a trace. Unbeknownst to eleven-year-old Eddie, now left behind in a panic-stricken search for her, Darlene has been lured away with false promises of a good job and a rosy life. A shady company named Delicious Foods shuttles her to a remote farm, where she is held captive, performing hard labor in the fields to pay off the supposed debt for her food, lodging, and the constant stream of drugs the farm provides to her and the other unfortunates imprisoned there. In *Delicious Foods*, James Hannaham tells the gripping story of three unforgettable characters: a mother, her son, and the drug that threatens to destroy them. Through Darlene's haunted struggle to reunite with Eddie, through the efforts of both to triumph over those who would enslave them, and through the irreverent and mischievous voice of the drug that narrates Darlene's travails, Hannaham's daring and shape-shifting prose infuses this harrowing experience with grace and humor. The desperate circumstances that test the unshakeable bond between this mother and son unfold into myth, and Hannaham's treatment of their ordeal spills over with compassion. Along the way we experience a tale at once contemporary and historical that wrestles with timeless questions of love and free-

dom, forgiveness and redemption, tenacity and the will to survive.

Fundamentals of Forensic Science, Third Edition, provides current case studies that reflect the ways professional forensic scientists work, not how forensic academicians teach. The book includes the binding principles of forensic science, including the relationships between people, places, and things as demonstrated by transferred evidence, the context of those people, places, and things, and the meaningfulness of the physical evidence discovered, along with its value in the justice system. Written by two of the leading experts in forensic science today, the book approaches the field from a truly unique and exciting perspective,

giving readers a new understanding and appreciation for crime scenes as recent pieces of history, each with evidence that tells a story. Straightforward organization that includes key terms, numerous feature boxes emphasizing online resources, historical events, and figures in forensic science Compelling, actual cases are included at the start of each chapter to illustrate the principles being covered Effective training, including end-of-chapter questions - paired with a clear writing style making this an invaluable resource for professors and students of forensic science Over 250 vivid, color illustrations that diagram key concepts and depict evidence encountered in the field