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KEY=A - ASIA WINTERS

Electric Vehicle Technology Explained

John Wiley & Sons

Winning the Oil Endgame

Innovation for Profits, Jobs and Security

Earthscan Enough about the oil problem. Here's the solution. Over a few decades, starting now, a vibrant US economy (then others) can completely phase out oil. This will save a net \$70 billion a year, revitalize key industries and rural America, create a million jobs, and enhance security. Here's the roadmap? independent, peer-reviewed, co-sponsored by the Pentagon? for the transition beyond oil, led by business and profit.

Life in Tanganyika in the Fifties

New Africa Press Life in Tanganyika in the 1950s and a look at race relations between whites and black Africans and others in this East African country are some of the subjects covered in the book. It's full of human interest stories, including the author's. Born and brought up in Tanganyika, the author writes from personal experience. He also got the chance to ask many ex-Tanganyikans a number of questions about life in Tanganyika in the fifties. Many of them were born and brought up in Tanganyika during the same period the author was. And many others went to Tanganyika as children but grew up there. The ex-Tanganyikans he contacted lived in different parts of the world including Tahiti, Britain, Australia, New Zealand, Canada, Italy, South Africa, Zambia, Zimbabwe, the United States, the Middle East, and Russia among others. And they all had interesting stories to tell about life in Tanganyika in the fifties. The perspectives they provided, and the memories they shared with the author about their lives in Tanganyika, are some of the most interesting aspects of this book which focuses on one of the most important periods in the history of Africa. The book is a primary source of information on how life was then in Tanganyika during one of the most important decades in the history of the country just before independence.

The Everything Store: Jeff Bezos and the Age of Amazon

Random House ****Winner of the Financial Times and Goldman Sachs Business Book of the Year Award**** 'Brad Stone's definitive book on Amazon and Bezos' The Guardian 'A masterclass in deeply researched investigative financial journalism . . . riveting' The Times The definitive story of the largest and most influential company in the world and the man whose drive and determination changed business forever. Though Amazon.com started off delivering books through the mail, its visionary founder, Jeff Bezos, was never content with being just a bookseller. He wanted Amazon to become 'the everything store', offering limitless selection and seductive convenience at disruptively low prices. To achieve that end, he developed a corporate culture of relentless ambition and secrecy that's never been cracked. Until now... Jeff Bezos stands out for his relentless pursuit of new markets, leading Amazon into risky new ventures like the Kindle and cloud computing, and transforming retail in the same way that Henry Ford revolutionised manufacturing. Amazon placed one of the first and largest bets on the Internet. Nothing would ever be the same again.

An Introduction to Modern Vehicle Design

Elsevier 'An Introduction to Modern Vehicle Design' provides a thorough introduction to the many aspects of passenger car design in one volume. Starting with basic principles, the author builds up analysis procedures for all major aspects of vehicle and component design. Subjects of current interest to the motor industry, such as failure prevention, designing with modern materials, ergonomics and control systems are covered in detail, and the author concludes with a discussion on the future trends in automobile design. With contributions from both academics lecturing in motor vehicle engineering and those working in the industry, "An Introduction to Modern Vehicle Design" provides students with an excellent overview and background in the design of vehicles before they move on to specialised areas. Filling the niche between the more descriptive low level books and books which focus on specific areas of the design process, this unique volume is essential for all students of automotive engineering. Only book to cover the broad range of topics for automobile design and analysis procedures Each topic written by an expert with many years experience of the automotive industry

Brake Handbook

Hp Books Explains the workings of automobile brake systems and offers advice on the installation, testing, maintenance, and repair of brakes

Automotive Accident Reconstruction

Practices and Principles

CRC Press Automotive Accident Reconstruction: Practices and Principles introduces techniques for gathering information and interpreting evidence, and presents computer-based tools for analyzing crashes. This book provides theory, information and data sources, techniques of investigation, an interpretation of physical evidence, and practical tips for beginners. It also works as an ongoing reference for experienced reconstructionists. The book emphasizes three things: the theoretical foundation, the presentation of data sources, and the computer programs and spread sheets used to apply both theory and collected data in the reconstruction of actual crashes. It discusses the specific requirements of reconstructing rollover crashes, offers background in structural mechanics, and describes how structural mechanics and impact mechanics are applied to automobiles that crash. The text explores the treatment of crush energy when vehicles collide with each other and with fixed objects. It delves into various classes of crashes, and simulation models. The framework of the book starts backward in time, beginning with the analysis of post-crash vehicle motions that occurred without driver control. Applies time-reverse methods, in a detailed and rigorous way, to vehicle run-out trajectories, utilizing the available physical evidence Walks the reader through a collection of digital crash test data from public sources, with detailed instructions on how to process and filter the information Shows the reader how to build spread sheets detailing calculations involving crush energy and vehicle post-crash trajectory characteristics Contains a comprehensive treatment of crush energy This text can also serve as a resource for industry professionals, particularly with regard to the underlying physics.

Build To Order

The Road to the 5-Day Car

Springer Science & Business Media Over the past 100 years the European Automotive Industry has been repeatedly challenged by best practice. First by the United States, through the development of 'mass production' pioneered by Henry Ford and more recently by 'lean production techniques' as practised by the leading Japanese producers, particularly Toyota. It has consistently risen to these challenges and has shown it can compete and even outperform its competitors with world-class products. However, the European industry is now faced with growing competition and growth from new emerging low-cost countries and needs to re-define its competitive advantage to remain at the forefront of the sector. Automotive growth is driven by two factors, new markets and new technologies. Global competition is increasing, with technology and product differentiation becoming the most important sales factors, but with continued cost pressure. Within the market the winners will be more profitable and the losers will disappear. The Automotive Industry makes a significant contribution to the socio-economic fabric of the European Union. Manufacturing output represents €700 billion and research and development spending €24 billion. European automotive suppliers number 5000 member companies and represent 5 million employees and generate €500 billion in revenues. These are significant figures that generate wealth and high value employment within the EU. European firms must consistently improve their competitive position to ensure that the industry does not migrate to growing new markets.

The Transport System and Transport Policy

An Introduction

Edward Elgar Publishing This very interesting book provides an excellent multi-disciplinary introduction into the functioning of transport systems and the interaction with their environments. Erik Verhoef, VU University Amsterdam, The Netherlands The editors of this important book have clearly identified that few writings on transport treat the transport system as a whole. Implicit in this is a need for a genuinely multidisciplinary approach. An impressive list of contributors ensures that the book draws on the latest research whilst providing new insights into some of the key challenges facing transport students and researchers, transport providers and policy makers. Roger Vickerman, University of Kent, UK Since ancient times transportation has brought our world together. But the need for connectivity and accessibility in a spatially differentiated world has prompted the emergence of very complex transportation systems. This book offers a fresh and operational contribution to a better understanding of the complexity and manageability of a mobile world, by addressing in a balanced way both conceptual and applied or policy aspects of modern transportation systems. Peter Nijkamp, Free University of Amsterdam, The Netherlands Transport impacts on people and businesses in many different ways, and presents some of the key problems that decision-makers need to address. This comprehensive textbook introduces the transport system in a holistic and multidisciplinary way, bringing together the myriad components of transport. This textbook is written for an international readership of undergraduate and postgraduate students in transport and related subjects, as well as for professionals and policy decision-makers across both public and private sectors. Key features include:

- Discussion of the importance of transport accessibility and the impacts of transport on the environment and safety
- Policy issues relating to all of the discussed issues and prescribed future options.
- Transport evaluation methods and modelling approaches.
- Examples to highlight the linkages between components of the transport system and for example infrastructures, land-use, vehicle technologies and the relevance of these linkages for decision making.

Automotive Paints and Coatings

John Wiley & Sons Now in its second edition and still the only book of its kind, this is an authoritative treatment of all stages of the coating process -- from body materials, paint shop design, and pre-treatment, through primer surfacers and top coats. New topics of interest covered are color control, specification and testing of coatings, as well as quality and supply concepts, while valuable information on capital and legislation aspects is given. Invaluable for engineers in the automotive and paints and coatings industry as well as for students in the field.

The Parsifal Mosaic

Hachette UK A powerful, fast-paced thriller from the bestselling author of the Bourne series. Michael Havelock watched as his partner and lover, Jenna Karas, double agent, was gunned down by his own agency. There's nothing left for him but to get out, quit the game. Until, in one frantic moment on a crowded railway platform in Rome, Havelock sees Jenna. She's alive - and suddenly Havelock is a marked man, on the run from both US and Russian assassins. Racing around the globe after his beautiful betrayer, Havelock is trapped in a massive mosaic of treachery created by a top-level mole with the world in his fist - Parsifal...

Electric and Hybrid Cars

A History, 2d ed.

McFarland This illustrated history chronicles electric and hybrid cars from the late 19th century to today's fuel cell and plug-in automobiles. It describes the politics, technology, marketing strategies, and environmental issues that have impacted electric and hybrid cars' research and development. The important marketing shift from a "woman's car" to "going green" is discussed. Milestone projects and technologies such as early batteries, hydrogen and bio-mass fuel cells, the upsurge of hybrid vehicles, and the various regulations and market forces that have shaped the industry are also covered.

Surprise, Kill, Vanish

The Secret History of CIA Paramilitary Armies, Operators, and Assassins

Back Bay Books *The USA Today bestseller* Surprise... your target. Kill... your enemy. Vanish... without a trace. From Pulitzer Prize finalist Annie Jacobsen, the untold story of the CIA's secret paramilitary units. When diplomacy fails, and war is unwise, the president calls on the CIA's Special Activities Division, a highly-classified branch of the CIA and the most effective, black operations force in the world. Originally known as the president's guerrilla warfare corps, SAD conducts risky and ruthless operations that have evolved over time to defend America from its enemies. Almost every American president since World War II has asked the CIA to conduct sabotage, subversion and, yes, assassination. With unprecedented access to forty-two men and women who proudly and secretly worked on CIA covert operations from the dawn of the Cold War to the present day, along with declassified documents and deep historical research, Pulitzer Prize finalist Annie Jacobsen unveils-like never before-a complex world of individuals working in treacherous environments populated with killers, connivers and saboteurs. Despite Hollywood notions of off-book operations and external secret hires, covert action is actually one piece in a colossal foreign policy machine. Written with the pacing of a thriller, SURPRISE, KILL, VANISH brings to vivid life the sheer pandemonium and chaos, as well as the unforgettable human will to survive and the intellectual challenge of not giving up hope that define paramilitary and intelligence work. Jacobsen's exclusive interviews-with members of the CIA's Senior Intelligence Service (equivalent to the Pentagon's generals), its counterterrorism chiefs, targeting officers, and Special Activities Division's Ground Branch operators who conduct today's close-quarters killing operations around the world-reveal, for the first time, the enormity of this shocking, controversial and morally complex terrain. Is the CIA's paramilitary army America's weaponized strength, or a liability to its principled standing in the world? Every operation reported in this book, however unsettling, is legal.

Agricultural Biomass Based Potential Materials

Springer Agricultural biomass is abundant worldwide and it can be considered as alternative source of renewable and sustainable materials which can be used as potential materials for different applications. Despite this enormous production of agricultural biomass, only a small fraction of the total biomass is utilized for different applications. Industry must be prepared to take advantage of the situation and utilize the available biomass in the best possible manner. Agricultural biomass such as natural fibres has been successfully investigated as a great potential to be used as a renewable and sustainable materials for the production of composite materials. Natural fibres offer excellent specific properties and have potential as outstanding reinforcing fillers in the matrix and can be used as an alternative material for biocomposites, hybrid composites, pulp, and paper industries. Natural fibre based polymer composites made of jute, oil palm, flex, hemp, kenaf have a low market cost, attractive with respect to global sustainability and find increasing commercial use in different applications. Agricultural biomass based composites find applications in a number of fields viz., automotive industry and construction industry. Future research on agricultural biomass-natural fibre based composites should not only be limited to its automotive applications but can be explored for its application in aircraft components, construction industry, rural housing and biomedical applications. In this book we will cover the chemical, physical, thermal, electrical, and biodegradability properties of agricultural biomass based composite materials and its different potential applications. The main goal of this volume is to familiarize researchers, scientists and engineers with the unique research opportunities and potentials of agricultural biomass based materials. Up-to-date information on alternative biomass utilization Academic and industry leaders discuss unique properties of biomass based composite materials Direct application of agricultural biomass materials as sustainable and renewable alternatives

Electric and Hybrid Vehicles

Technologies, Modeling and Control - A Mechatronic Approach

John Wiley & Sons An advanced level introductory book covering fundamental aspects, design and dynamics of electric and hybrid electric vehicles There is significant demand for an understanding of the fundamentals, technologies, and design of electric and hybrid electric vehicles and their components from researchers, engineers, and graduate students. Although there is a good body of work in the literature, there is still a great need for electric and hybrid vehicle teaching materials. Electric and Hybrid Vehicles: Technologies, Modeling and Control - A Mechatronic Approach is based on the authors' current research in vehicle systems and will include chapters on vehicle propulsion systems, the fundamentals of vehicle dynamics, EV and HEV technologies, chassis systems, steering control systems, and state, parameter and force estimations. The book is highly illustrated, and examples will be given throughout the book based on real applications and challenges in the automotive industry. Designed to help a new generation of engineers needing to master the principles of and further advances in hybrid vehicle technology Includes examples of real applications and challenges in the automotive industry with problems and solutions Takes a mechatronics approach to the study of electric and hybrid electric vehicles, appealing to mechanical and electrical engineering interests Responds to the increase in demand of universities offering courses in newer electric vehicle technologies

London Transport Service Vehicles Automobile Electrical and Electronic Systems

Routledge This textbook will help you learn all the skills you need to pass all Vehicle Electrical and Electronic Systems courses and qualifications. As electrical and electronic systems become increasingly more complex and fundamental to the workings of modern vehicles, understanding these systems is essential for automotive technicians. For students new to the subject, this book will help to develop this knowledge, but will also assist experienced technicians in keeping up with recent technological advances. This new edition includes information on developments in pass-through technology, multiplexing, and engine control systems. In full colour and covering the latest course specifications, this is the guide that no student enrolled on an automotive maintenance and repair course should be without. Designed to make learning easier, this book contains: Photographs, flow charts, quick reference tables, overview descriptions and step-by-step instructions. Case studies to help you put the principles covered into a real-life context. Useful margin features throughout, including definitions, key facts and 'safety first' considerations.

The Shock Absorber Handbook

John Wiley & Sons Every one of the many millions of cars manufactured annually worldwide uses shock absorbers, otherwise known as dampers. These form a vital part of the suspension system of any vehicle, essential for optimizing road holding, performance and safety. This, the second edition of the Shock Absorber Handbook (first edition published in 1999), remains the only English language book devoted to the subject. Comprehensive coverage of design, testing, installation and use of the damper has led to the book's acceptance as the authoritative text on the automotive applications of shock absorbers. In this second edition, the author presents a thorough revision of his book to bring it completely up to date. There are numerous detail improvements, and extensive new material has been added particularly on the many varieties of valve design in the conventional hydraulic damper, and on modern developments such as electrorheological and magnetorheological dampers. "The Shock Absorber Handbook, 2nd Edition" provides a thorough treatment of the issues surrounding the design and selection of shock absorbers. It is an invaluable handbook for those working in industry, as well as a principal reference text for students of mechanical and automotive engineering.

Automobile Mechanical and Electrical Systems

Routledge The second edition of Automobile Mechanical and Electrical Systems concentrates on core technologies to provide the essential information required to understand how different vehicle systems work. It gives a complete overview of the components and workings of a vehicle from the engine through to the chassis and electronics. It also explains the necessary tools and equipment needed in effective car maintenance and repair, and relevant safety procedures are included throughout. Designed to make learning easier, this book contains: Photographs, flow charts and quick reference tables Detailed diagrams and clear descriptions that simplify the more complicated topics and aid revision Useful features throughout, including definitions, key facts and 'safety first' considerations. In full colour and with support materials from the author's website (www.automotive-technology.org), this is the guide no student enrolled on an automotive maintenance and repair course should be without.

Accidental Injury

Biomechanics and Prevention

Springer This book provides a state-of-the-art look at the applied biomechanics of accidental injury and prevention. The editors, Drs. Narayan Yoganandan, Alan M. Nahum and John W. Melvin are recognized international leaders and researchers in injury biomechanics, prevention and trauma medicine. They have assembled renowned researchers as authors for 29 chapters to cover individual aspects of human injury assessment and prevention. This third edition is thoroughly revised and expanded with new chapters in different fields. Topics covered address automotive, aviation, military and other environments. Field data collection; injury coding/scaling; injury epidemiology; mechanisms of injury; human tolerance to injury; simulations using experimental, complex computational models (finite element modeling) and statistical processes; anthropomorphic test device design, development and validation for crashworthiness applications in topics cited above; and current regulations are covered. Risk functions and injury criteria for various body regions are included. Adult and pediatric populations are addressed. The exhaustive list of references in many areas along with the latest developments is valuable to all those involved or intend to pursue this important topic on human injury biomechanics and prevention. The expanded edition will interest a variety of scholars and professionals including physicians, biomedical researchers in many disciplines, basic scientists, attorneys and jurists involved in accidental injury cases and governmental bodies. It is hoped that this book will foster multidisciplinary collaborations by medical and engineering researchers and academicians and practicing physicians for injury assessment and prevention and stimulate more applied research, education and training in the field of accidental-injury causation and prevention.

Morocco Overland

Route Guide from the Atlas to the Sahara : 4WD, Motorcycle, Van, Mountain Bike

Trail Blazer Publications Covering over 10,000km from the Atlas to the Sahara, Morocco Overland features detailed GPS off-road routes for 4WDs, motorcycles and mountain bikes as well as scenic byways suitable for any vehicle.

Motoring the Future

VW and Toyota Vying for Pole Position

Springer The crisis in the auto industry has resulted in a race between Volkswagen, as challenger, and Toyota, as tattered global market leader. Whether it is the German or the Japanese firm that takes pole position, the winner will change the balance of power in the automotive industry and lead the way to the automobiles of the future.

The Handbook of Lithium-Ion Battery Pack Design

Chemistry, Components, Types and Terminology

Elsevier The Handbook of Lithium-Ion Battery Pack Design: Chemistry, Components, Types and Terminology offers to the reader a clear and concise explanation of how Li-ion batteries are designed from the perspective of a manager, sales person, product manager or entry level engineer who is not already an expert in Li-ion battery design. It will offer a layman's explanation of the history of vehicle electrification, what the various terminology means, and how to do some simple calculations that can be used in determining basic battery sizing, capacity, voltage and energy. By the end of this book the reader has a solid understanding of all of the terminology around Li-ion batteries and is able to do some simple battery calculations. The book is immensely useful to beginning and experienced engineer alike who are moving into the battery field. Li-ion batteries are one of the most unique systems in automobiles today in that they combine multiple engineering disciplines, yet most engineering programs focus on only a single engineering field. This book provides you with a reference to the history, terminology and design criteria needed to understand the Li-ion battery and to successfully lay out a new battery concept. Whether you are an electrical engineer, a mechanical engineer or a chemist this book helps you better appreciate the inter-relationships between the various battery engineering fields that are required to understand the battery as an Energy Storage System. Offers an easy explanation of battery terminology and enables better understanding of batteries, their components and the market place. Demonstrates simple battery scaling calculations in an easy to understand description of the formulas Describes clearly the various components of a Li-ion battery and their importance Explains the differences between various Li-ion cell types and chemistries and enables the determination which chemistry and cell type is appropriate for which application Outlines the differences between battery types, e.g., power vs energy battery Presents graphically different vehicle configurations: BEV, PHEV, HEV Includes brief history of vehicle electrification and its future

Joining Composites with Adhesives

Theory and Applications

DEStech Publications, Inc Adhesive technologies for bonding composites to multiple materials Information on adhesive formulation, selection, joint configuration Presented in this volume is a detailed scientific analysis of strategies for adhering composite materials to plastics, concrete, metals, and wood, as well as to other composites, using a variety of adhesives. The theory and analysis of composite bonding with adhesives are explained, along with information on adhesive formulation and selection, material preparation, joint geometry and joint design. Attention is given to how different types of adhered composite joints are empirically tested, e.g., for strength and under stress, and how models of joints

with adhesives are developed. The book includes an intensive discussion of the uses of adhesives for composite repair. Part two focuses on applications of adhesive composite bonding in aircraft, automobiles, buildings, ships, railroads and dental restoration.

Fascinating Mathematical People

Interviews and Memoirs

Princeton University Press Top mathematicians talk about their work and lives Fascinating Mathematical People is a collection of informal interviews and memoirs of sixteen prominent members of the mathematical community of the twentieth century, many still active. The candid portraits collected here demonstrate that while these men and women vary widely in terms of their backgrounds, life stories, and worldviews, they all share a deep and abiding sense of wonder about mathematics. Featured here—in their own words—are major research mathematicians whose cutting-edge discoveries have advanced the frontiers of the field, such as Lars Ahlfors, Mary Cartwright, Dusa McDuff, and Atle Selberg. Others are leading mathematicians who have also been highly influential as teachers and mentors, like Tom Apostol and Jean Taylor. Fern Hunt describes what it was like to be among the first black women to earn a PhD in mathematics. Harold Bacon made trips to Alcatraz to help a prisoner learn calculus. Thomas Banchoff, who first became interested in the fourth dimension while reading a Captain Marvel comic, relates his fascinating friendship with Salvador Dalí and their shared passion for art, mathematics, and the profound connection between the two. Other mathematical people found here are Leon Bankoff, who was also a Beverly Hills dentist; Arthur Benjamin, a part-time professional magician; and Joseph Gallian, a legendary mentor of future mathematicians, but also a world-renowned expert on the Beatles. This beautifully illustrated collection includes many photographs never before published, concise introductions by the editors to each person, and a foreword by Philip J. Davis.

Automotive Air Conditioning and Climate Control Systems

Elsevier Automotive Air-conditioning and Climate Control Systems is a complete text and reference on the theoretical, practical and legislative aspects of vehicle climate control systems for automotive engineering students and service professionals. It provides the reader with a thorough up-to-date knowledge of current A/C systems, refrigerants and the new possible replacement systems like CO₂, and includes unrivalled coverage of electronic and electrical control. Filling the gap in the automotive engineering and servicing market for students and those training on the job, this book will help both newcomers and those with more experience of air-conditioning systems maintenance engineering to keep up with the latest developments and legislation. Detailed coverage of European and US vehicle HVAC systems Thorough explanation of current and future systems including CO₂ Meets relevant C&G, IMI, and HND vocational and professional qualifications IMI recommended reading material Includes practical cases studies and examples from design and manufacturing companies including Ford, Vauxhall, Toyota, VW, Visteon, Sanden and others, accompanied by over 300 detailed illustrations and photographs

Introduction to Business

Introduction to Business covers the scope and sequence of most introductory business courses. The book provides detailed explanations in the context of core themes such as customer satisfaction, ethics, entrepreneurship, global business, and managing change. Introduction to Business includes hundreds of current business examples from a range of industries and geographic locations, which feature a variety of individuals. The outcome is a balanced approach to the theory and application of business concepts, with attention to the knowledge and skills necessary for student success in this course and beyond.

Textiles in Automotive Engineering

Elsevier This book presents a comprehensive treatment of both functional and decorative textiles used in the automotive industry including seat covers, headliners, airbags, seat belts and tyres. Written in a clear, concise style it explains material properties and the way in which they influence manufacturing processes as well as providing practical production details. The subject treatment cuts across the disciplines of textile chemistry, fabric and plastics technology and production engineering. Environmental effects and recycling are also covered. It is aimed at the design and process engineer in industry as well as researchers in universities and colleges. Quality engineers will also benefit from the book's sections on identifying problems and material limitations.

The Automotive Chassis

Engineering Principles : Chassis and Vehicle Overall, Wheel Suspensions and Types of Drive, Axle Kinematics and Elastokinematics, Steering, Springing, Tyres, Construction and Calculations Advice

Butterworth-Heinemann This comprehensive overview of chassis technology presents an up-to-date picture for vehicle construction and design engineers in education and industry. The book acts as an introduction to the engineering design of the automobile's fundamental mechanical systems. Clear text and first class diagrams are used to relate basic engineering principles to the particular requirements of the chassis. In addition, the 2nd edition of 'The Automotive Chassis' has a new author team and has been completely updated to include new technology in total vehicle and suspension design, including platform concept and four-wheel drive technology.

Beating the Street

Simon and Schuster Legendary money manager Peter Lynch explains his own strategies for investing and offers advice for how to pick stocks and mutual funds to assemble a successful investment portfolio. Develop a Winning Investment Strategy—with Expert Advice from “The Nation’s #1 Money Manager.” Peter Lynch’s “invest in what you know” strategy has made him a household name with investors both big and small. An important key to investing, Lynch says, is to remember that stocks are not lottery tickets. There’s a company behind every stock and a reason companies—and their stocks—perform the way they do. In this book, Peter Lynch shows you how you can become an expert in a company and how you can build a profitable investment portfolio, based on your own experience and insights and on straightforward do-it-yourself research. In Beating the Street, Lynch for the first time explains how to devise a mutual fund strategy, shows his step-by-step strategies for picking stock, and describes how the individual investor can improve his or her investment performance to rival that of the experts. There’s no reason the individual investor can’t match wits with the experts, and this book will show you how.

Corporate Finance

Theory and Practice

John Wiley & Sons Merging theory and practice into a comprehensive, highly-anticipated text Corporate Finance continues its legacy as one of the most popular financial textbooks, with well-established content from a diverse and highly respected author team. Unique in its features, this valuable text blends theory and practice with a direct, succinct style and commonsense presentation. Readers will be introduced to concepts in a situational framework, followed by a detailed discussion of techniques and tools. This latest edition includes new information on venture finance and debt structuring, and has been updated throughout with the most recent statistical tables. The companion website provides statistics, graphs, charts, articles, computer models, and classroom tools, and the free monthly newsletter keeps readers up to date on the latest happenings in the field. The authors have generously made themselves available for questions, promising an answer in seventy-two hours. Emphasizing how key concepts relate to real-world situations is what makes Corporate Finance a valuable reference with real relevance to the professional and student alike. Readers will gain insight into the methods and tools that shape the industry, allowing them to: Analyze investments with regard to hurdle rates, cash flows, side costs, and more Delve into the financing process and learn the tools and techniques of valuation Understand cash dividends and buybacks, spinoffs, and divestitures Explore the link between valuation and corporate finance As the global economy begins to recover, access to the most current information and statistics will be required. To remain relevant in the evolving financial environment, practitioners will need a deep understanding of the mechanisms at work. Corporate Finance provides the expert guidance and detailed explanations for those requiring a strong foundational knowledge, as well as more advanced corporate finance professionals.

Proximity Matters?

Geographical Aspects of Changing Strategies in Automotive Subcontracting

Relationships : the Case of Domestic Suppliers to Volvo Torslanda Assembly Plant

High Tide in Tucson

Faber & Faber With the eyes of a scientist and the vision of a poet, Barbara Kingsolver explores her trademark themes of family, community and the natural world. Defiant, funny and courageously honest, *High Tide in Tucson* is an engaging and immensely readable collection from one of the most original voices in contemporary literature. 'Possessed of an extravagantly gifted narrative voice, Kingsolver blends a fierce and abiding moral vision with benevolent and concise humour. Her medicine is meant for the head, the heart, and the soul.' *New York Times Book Review*

Green Biocomposites

Design and Applications

Springer This book introduces the concept, design and application of green biocomposites, with a specific focus on the current demand for green biocomposites for automotive and aerospace components. It discusses the mathematical background, innovative approaches to physical modelling, analysis and design techniques. Including numerous illustrations, tables, case studies and exercises, the text summarises current research in the field. It is a valuable reference resource for researchers, students and scientists working in the field of materials science.

American Automobile Names

An Introduction to Sustainable Transportation

Policy, Planning and Implementation

Earthscan Transportation plays a substantial role in the modern world; it provides tremendous benefits to society, but it also imposes significant economic, social and environmental costs. Sustainable transport planning requires integrating environmental, social, and economic factors in order to develop optimal solutions to our many pressing issues, especially carbon emissions and climate change. This essential multi-authored work reflects a new sustainable transportation planning paradigm. It explores the concepts of sustainable development and sustainable transportation, describes practical techniques for comprehensive evaluation, provides tools for multi-modal transport planning, and presents innovative mobility management solutions to transportation problems. This text reflects a fundamental change in transportation decision making. It focuses on accessibility rather than mobility, emphasizes the need to expand the range of options and impacts considered in analysis, and provides practical tools to allow planners, policy makers and the general public to determine the best solution to the transportation problems facing a community. Featuring extensive international examples and case-studies, textboxes, graphics, recommended reading and end of chapter questions, the authors draw on considerable teaching and researching experience to present an essential, ground-breaking and authoritative text on sustainable transport. Students of various disciplines, planners, policymakers and concerned citizens will find many of its provocative ideas and approaches of considerable value as they engage in the processes of understanding and changing transportation towards greater sustainability.

The Speed Handbook

Velocity, Pleasure, Modernism

Duke University Press *Speed*, the sensation one gets when driving fast, was described by Aldous Huxley as the single new pleasure invented by modernity. The *Speed Handbook* is a virtuoso exploration of Huxley's claim. Enda Duffy shows how the experience of speed has always been political and how it has affected nearly all aspects of modern culture. Primarily a result of the mass-produced automobile, the experience of speed became the quintessential way for individuals to experience modernity, to feel modernity in their bones. Duffy plunges full-throttle into speed's "adrenaline aesthetics," offering deft readings of works ranging from F. Scott Fitzgerald's *The Great Gatsby*, through J. G. Ballard's *Crash*, to the cautionary consumerism of Ralph Nader. He describes how speed changed understandings of space, distance, chance, and violence; how the experience of speed was commodified in the dawning era of mass consumption; and how society was incited to abhor slowness and desire speed. He examines how people were trained by new media such as the cinema to see, hear, and sense speed, and how speed, demanded of the efficient assembly-line worker, was given back to that worker as the chief thrill of leisure. Assessing speed's political implications, Duffy considers how speed pleasure was offered to citizens based on criteria including their ability to pay and their gender, and how speed quickly became something to be patrolled by governments. Drawing on novels, news reports, photography, advertising, and much more, Duffy provides a breakneck tour through the cultural dynamics of speed.

Automotive Mechatronics: Operational and Practical Issues

Volume I

Springer Science & Business Media This book presents operational and practical issues of automotive mechatronics with special emphasis on the heterogeneous automotive vehicle systems approach, and is intended as a graduate text as well as a reference for scientists and engineers involved in the design of automotive mechatronic control systems. As the complexity of automotive vehicles increases, so does the dearth of high competence, multi-disciplined automotive scientists and engineers. This book provides a discussion into the type of mechatronic control systems found in modern vehicles and the skills required by automotive scientists and engineers working in this environment. Divided into two volumes and five parts, *Automotive Mechatronics* aims at improving automotive mechatronics education and emphasises the training of students' experimental hands-on abilities, stimulating and promoting experience among high education institutes and produce more automotive mechatronics and automation engineers. The main subject that are treated are: VOLUME I: RBW or XBW unibody or chassis-motion mechatronic control hypersystems; DBW AWD propulsion mechatronic control systems; BBW AWB dispulsion mechatronic control systems; VOLUME II: SBW AWS diversion mechatronic control systems; ABW AWA suspension mechatronic control systems. This volume was developed for undergraduate and postgraduate students as well as for professionals involved in all disciplines related to the design or research and development of automotive vehicle dynamics, powertrains, brakes, steering, and shock absorbers (dampers). Basic knowledge of college mathematics, college physics, and knowledge of the functionality of automotive vehicle basic propulsion, dispulsion, conversion and suspension systems is required.

Driven to Distraction

Penguin UK Brace yourself, Clarkson's back. And he'd like to tell you what he thinks about some of the most awe-inspiring, earth-shatteringly fast and jaw-droppingly gorgeous cars in the world (alongside a few irredeemable disasters ...). Or he would, if there weren't so many things competing for his attention first. So much to get off his chest. The world according to Clarkson is a perplexing place, filled with thorny subjects like: * The prospect of having Terry Wogan as president * Why you'll never see a woman driving a Lexus * The unforeseen consequences of inadequate birth control * Why everyone should spend a weekend with a digger Fearless, independent, surprising and laugh-out-loud funny, *Driven to Distraction* is full-throttle Clarkson at his best; a unique look at the joys, absurdities and frustrations of modern life. With wheels. Buckle up, get comfortable, and hold on tight. There's no one who writes about cars like Jeremy ...

Peugeot 307 Service and Repair Manual

Haynes Publishing This is one in a series of manuals for car or motorcycle owners. Each book provides information on routine maintenance and servicing, with tasks described and photographed in a step-by-step sequence so that even a novice can do the work.