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21st International Symposium on Automotive Technology & Automation 1989

Auto-Klassiker Quentin Willson 2007

Energy 1977

The Advent of Unmanned Electric Vehicles S. Van Themsche 2015-08-29 Explaining in detail how new e-mobility technologies work, and the system requirements which must be fulfilled for these new technologies to be implemented, this book augments this analysis with discussion of the business models, financing and social and economic conditions that will foster the emergence of a new e-mobility industry. New e-mobility technologies and business models will initiate changes in work patterns and in our personal choices on transportation means. This book looks at how smart cities may apply the "internet of things" to the transportation environment and how this may create a complete set of new technologies and service offerings that will enable the advent of the unmanned vehicle society. This e-mobility revolution will disrupt the transport market and bring opportunities and threats for many potential actors. These consequences are analysed within. This book is suitable for anyone interested in the e-mobility revolution and its impact on the future of cars, buses and trains.

Transfer Pricing and Value Creation Raffaele Petruzzi 2019-09-02 Value Creation and its effects on Transfer Pricing and tax law Emerging from the OECD/G20 BEPS Project, a new, somewhat fuzzy notion of Value Creation came to permeate not only Transfer Pricing language but also wider allocation rules and anti-abuse provisions in international tax law. The notion of 'Value Creation' reframes the interpretation and application of the Arm's Length Principle (ALP) that is embedded in Articles 7 and 9 of the OECD Model Convention. This new Value Creation notion and approach assist in understanding key enterprise functions while different industry sectors manifest these concepts in various ways. Situating such notions and this approach within the law of tax treaties and analyzing terms of the OECD Transfer Pricing Guidelines alongside their factual context is the aim of this book. Here, law students address Transfer Pricing and Value Creation in sectors as varied as commodities trade, automotive, consumer products, food and beverages, pharmaceutical and life sciences, telecommunications, and the key topic of value creation in a digitalized economy. Our LL.M. students were required to address issues not explored in legal research and to discuss factual topics relevant for Transfer Pricing. All students focused on topics that are new to the international tax debate that keep evolving and on factual matters that often escape legal research.

Die Rakete zu den Planetenräumen Hermann Oberth 2015-03-30 Hermann Oberth gilt als einer der bedeutendsten Pioniere der Raketentechnik. Visionär waren nicht nur seine umfassende, akribische Untersuchung und Optimierung aller denkbaren Raketenparamter, sondern auch seine Vorschläge zur Raketeninstrumentierung für bemannte und wissenschaftliche Missionen sowie Ideen für Start- und Testanlagen. Die Neuauflage ermöglicht es, die Realisierung von Oberth's "Traum" nachzuvollziehen und mit der heutigen Raumfahrtrealität abzugleichen. Reprint der 5. Auflage von 1984

Die Vierte Industrielle Revolution Klaus Schwab 2016-06-27 Die größte Herausforderung unserer Zeit Ob selbstfahrende Autos, 3-D-Drucker oder Künstliche Intelligenz: Aktuelle technische Entwicklungen werden unsere Art zu leben und zu arbeiten grundlegend verändern. Die Vierte Industrielle Revolution hat bereits begonnen. Ihr Merkmal ist die ungeheuer schnelle und systematische Verschmelzung von Technologien, die die Grenzen zwischen der physischen, der digitalen und der biologischen Welt immer stärker durchbrechen. Wie kein anderer ist Klaus Schwab, der Vorsitzende des Weltwirtschaftsforums, in der Lage aufzuzeigen, welche politischen, wirtschaftlichen, sozialen und kulturellen Herausforderungen diese Revolution für uns alle mit sich bringt.

Commerce Business Daily 2000-10

Today's Technician: Automotive Brake Systems, Classroom and Shop Manual Prepack Ken Pickerill 2014-01-24 The 6th Edition of TODAY'S TECHNICIAN: AUTOMOTIVE BRAKE SYSTEMS is a comprehensive text that equips readers to confidently understand, diagnose, and repair today's brake systems. Using a unique two-volume approach, the first volume (Classroom Manual) details the theory and application of the total brake system, subsystem, and components, while the second (Shop Manual) covers real-world symptoms, diagnostics,

and repair information. Known for its comprehensive coverage, accurate and up-to-date details, and abundant illustrations, the text is an ideal resource to prepare for success as an automotive technician or pursue ASE certification. Now updated with extensive information on new and emerging technology and techniques—including hybrid vehicles, brake by wire, and electric brakes—the Sixth Edition also aligns with the NATEF 2012 accreditation model, including job sheets correlated to specific AST and MAST tasks. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Energy: a Continuing Bibliography with Indexes 1977

Advances in Manufacturing Technology II Peter F. McGoldrick 2013-11-21 EN Corlett Joint-Chairman - COPED, University of Nottingham, Nottingham, UK The contributions offered to this Third National Conference demonstrate that research in production is very much alive. The considerable numbers of papers on robotics, automation and flexible manufacturing systems, together with those in production control and quality matters, demonstrate that there is much work going on in our colleges, polytechnics and universities related to modern methods of manufacture. The future of manufacture undoubtedly hinges on better control. Control over the supply and movement of materials is now keenly sought. Control over manufacturing equipment is also a goal, not just to maintain quality but to give flexibility in sequence and quantity. None of these objectives for improved performance is entirely a technical matter, although there is an increasing technical ability to influence all of them. To achieve their potential, they depend on competent people at all levels. Discussion with alert managers soon reveals that this is one of their major concerns. Either the people they have require more training, or they cannot hire the people with the abilities they need. This applies at all levels, and the availability of people with competence in manufacture is particularly low.

Japanese Science and Technology 1986

Government Reports Announcements & Index 1995

Los Angeles Magazine 2003-11 Los Angeles magazine is a regional magazine of national stature. Our combination of award-winning feature writing, investigative reporting, service journalism, and design covers the people, lifestyle, culture, entertainment, fashion, art and architecture, and news that define Southern California. Started in the spring of 1961, Los Angeles magazine has been addressing the needs and interests of our region for 48 years. The magazine continues to be the definitive resource for an affluent population that is intensely interested in a lifestyle that is uniquely Southern Californian.

Innovative Developments in Design and Manufacturing J. N. Reddy 2009-09-22 Essential reading on the latest advances in virtual prototyping and rapid manufacturing. Includes 110 peer reviewed papers covering: 1. Biomanufacturing, 2. CAD and 3D data acquisition technologies, 3. Materials, 4. Rapid tooling and manufacturing, 5. Advanced rapid prototyping technologies and nanofabrication, 6. Virtual environments and

New Advances in Vehicular Technology and Automotive Engineering Joao Carmo 2012-08-01 An automobile was seen as a simple accessory of luxury in the early years of the past century. However, in the present days it's undeniable the amount of technology and human effort applied by the vehicular industry for developing high-quality vehicles, but still, cheap for the common person. In this context, this book tries not only to fill a gap by presenting new and updated subjects related to the vehicular technology and to the automotive engineering but also to provide guidelines for future research. This book is a result of many valuable contributions from worldwide experts of automotive's field. The amount and type of contributions were judiciously selected to cover as possible the widest range of research. The most recent and cutting-edge subjects can be found in this book, e.g., electronics, mechanics, materials, and manufacturing.

Monthly Catalog of United States Government Publications 1983

Hamiltonian Systems and Their Integrability Mich'le Audin 2008 Hamiltonian systems began as a mathematical approach to the study of mechanical systems. As the theory developed, it became clear that the systems that had a sufficient number of conserved quantities enjoyed certain remarkable properties. These are the completely integrable systems. In time, a rich interplay arose between integrable systems and other areas of mathematics, particularly topology, geometry, and group theory. This book presents some modern techniques in the theory of integrable systems viewed as variations on the theme of action-angle coordinates. These techniques include analytical methods coming from the Galois theory of differential equations, as well as more classical algebro-geometric methods related to Lax equations. Audin has included many examples and exercises. Most of the exercises build on the material in the text. None of the important proofs have been relegated to the exercises. Many of the examples are classical, rather than abstract. This book would be suitable for a graduate course in Hamiltonian systems.

Index of Patents Issued from the United States Patent and Trademark Office 1987

Laser in der Technik / Laser in Engineering Wilhelm Waidelich 2013-07-02 Laser 93

Scientific and Technical Aerospace Reports 1986

ERDA Energy Research Abstracts United States. Energy Research and Development Administration 1976

Fundamentals of Medium/Heavy Duty Diesel Engines Gus Wright 2015-12-16 "Jones & Bartlett Learning CDX Automotive"--Cover

Acid Precipitation 1993-07

Scaling-Up Corporate Startups Ralph-Christian Ohr 2018-12-09 This book focuses on one question: How can large companies generate business impact from non-incremental innovation? The situation seems paradox. Winning in non-incremental innovation should be the domain of large corporates, not of greenfield startups. Yet, 7 out of 8 corporate startups do not generate business impact. And the media is full of stories that greenfield startups are attacking and even 'disrupting' incumbents. To stack the odds for success, large corporates have tried to emulate the methods and approaches of greenfield startups. They set up explorative innovation units (called Innovation Centers, Incubators, Accelerators, Digital Labs, Innovation

Outposts, Fab Labs, Maker Spaces, etc.). Around the globe there are more than 600 of these. But returns on innovation are decreasing - despite increasing investments into innovation . So apparently there is a problem. We think that the root cause - and hence the Archimedean point for solving the problem -lies in one part of the end-to-end innovation process. Corporates need to think one step further, beyond their explorative innovation units. They need to actively shape the phase that comes after a promising innovation concept has been found and validated. We call this phase Scaling-Up. In this phase, business impact is generated. Success in this phase requires an orchestrated interplay between the corporate startup and the core organization, built on a solid methodology. The book is written for Top Managers and members of the Board who are concerned about the business impact that their innovation investments create. It is also written for corporate practitioners working in explorative innovation units, in Corporate Innovation Management, Corporate Research, Group Technology, Corporate Strategy, Corporate In-house Consulting or in comparable functions. And we also had Senior Management from Business Units (BUs) in mind when we wrote this book. With excellence in Scaling-Up, a corporate startup has the entrepreneurial momentum of a small company and (by leveraging the assets of its parent company) an 'unfair advantage' in the innovation race. With every successful corporate scaleup, the company not only increases growth, EBIT and market cap - it also actively reshapes its core business for tomorrow. Without excellence in Scaling-Up, validated innovation concepts will not generate business impact. In other words, if a company is not good in Scaling-Up, all work done in the Ideation and Validation phases is just a costly hobby. This book draws on our extensive consulting experience in this space and is co-written with our clients. We assembled a cross-industry 'Peer Group' of well-known, large European companies - all of them widely seen as good innovators or even innovation leaders. In the process, the group members analyzed relevant research, shared their Good Practices, developed and validated methodological frameworks and helped each other in Peer Coaching. The reader of this book can benefit from the Peer Group's work and findings. Some readers might be more interested in 'how-to' methods, others more in practical experiences. This book contains both. It is organized in four parts Part 1 - 'UNDERSTAND' provides the thinking framework for excellence in Scaling-up. Part 2 - 'PREPARE' takes a closer look into the phase that precedes Scaling-Up. Part 3 - 'SCALING-UP' presents the framework for effective Scaling-Up that the Peer Group has co-created. Part 4 - 'BUILDING THE ORGANIZATIONAL CAPABILITY' features real life cases on how BP, Robert Bosch, Orange, SIX, Telefonica, TRUMPF and TÜV Rheinland are aiming for excellence in Scaling-Up.

Applied Mechanics Reviews 1992

Advanced Ceramics and Composites Rainer Gadow 2000

Selected Papers on Optical Fiber Technology Donald B. Keck 1992

Soft Computing Techniques and Applications in Mechanical Engineering Ram, Mangey 2017-12-29 The evolution of soft computing applications has offered a multitude of methodologies and techniques that are useful in facilitating new ways to address practical and real scenarios in a variety of fields. In particular, these concepts have created significant developments in the engineering field. Soft Computing Techniques and Applications in Mechanical Engineering is a pivotal reference source for the latest research findings on a comprehensive range of soft computing techniques applied in various fields of mechanical engineering. Featuring extensive coverage on relevant areas such as thermodynamics, fuzzy computing, and computational intelligence, this publication is an ideal resource for students, engineers, research scientists, and academicians involved in soft computing techniques and applications in mechanical engineering areas.

Energy Research Abstracts 1994-11

Fossil Energy Update 1981

Mergers in the Global Markets Felix I. Lessambo 2020-03-25 International mergers and acquisitions play a vital role behind the growth of a company. This book explores the hurdles involved and how to navigate through the review processes set up by national regulatory agencies such as the US Committee on Foreign Investment (CFIUS), the EU Commission, and the Anti-Monopoly Bureau of State Administration of Market Regulation of China (AMB). This book is unique and showcases how to anticipate, develop, and implement successful strategies to support mergers and acquisitions activities, particularly of interest to finance and law students, researchers, and academics.

Nuclear Science Abstracts 1974

Robotics Bundle Larry Ross 2010-04-28 Robotics: Theory and Industrial Applications is an introduction to the principles of industrial robotics, related systems, and applications. This text is a comprehensive tool in learning the technical aspects of robotics and includes coverage of power supply systems, degrees of freedom, programming methods, sensors, end effectors, implementation planning, and system maintenance. Each chapter begins with an outline of topics, learning objectives, and a listing of technical terms. The key concepts are discussed using a systems approach to enhance student learning. The second edition is updated with full-color illustrations and photos that reflect changes in both the field of robotics and technology in general. The content has been revised to keep pace with robotic technology and reorganized to maximize student comprehension. Various features throughout the text address special interest topics, including pioneers in the field of robotics, careers in robotics, and exciting applications of robotic technology. This bundle includes a copy of the Student Text and an Online Text (6-Year Classroom Subscription). Students can instantly access the Online Text with browser-based devices, including iPads, netbooks, PCs, and Mac computers. With G-W Online Textbooks, students easily navigate linked table of contents, search specific topics, quickly jump to specific pages, enlarge for full-screen reading mode, and print selected pages for offline reading.

Projekt Phoenix Gene Kim 2015-08-22 Bill Palmer wird überraschend zum Bereichsleiter der IT-Abteilung eines Autoteileherstellers befördert und muss nun eine Katastrophe nach der anderen bekämpfen. Gleichzeitig läuft ein wichtiges Softwareprojekt und die Wirtschaftsprüfer sind auch im Haus. Schnell wird klar, dass »mehr Arbeiten, mehr Prioritäten setzen, mehr Disziplin« nicht hilft. Das ganze System funktioniert einfach nicht, eine immer schneller werdende Abwärtsspirale führt dazu, dass das Unternehmen kurz vor dem Aus steht. Zusammen mit einem weitsichtigen Aufsichtsratsmitglied fängt Bill Palmer an, das System umzustellen. Er organisiert Kommunikation und Workflow zwischen Abteilungen neu, entdeckt und entschärft

Flaschenhalse und stimmt sich mit dem Management besser ab. Er schafft es damit, das Ruder herumzureißen. Das Buch zeigt, wie neue Ideen und Strategien der DevOps-Bewegung konkret umgesetzt werden können und zum Erfolg führen - und liest sich dabei wie ein guter Wirtschaftskrimi!

Textile Technology Digest 1999

Service Intelligence and Service Science: Evolutionary Technologies and Challenges Leung, Ho-fung 2010-09-30 "This book presents the emerging fields of service intelligence and service science, positioning them as the most promising directions for the evolution of service computing, demonstrating the critical role such areas play in supporting service computing processes"--Provided by publisher.

Kekse für die Maus im Haus Laura Joffe Numeroff 1987-01 Relating the cycle of requests a mouse is likely to make after you give him a cookie takes the reader through a young child's day.

Modern Automotive Technology Bundle James E. Duffy 2008-04-08 Modern Automotive Technology is an easy-to-understand, up-to-date book detailing the operation, construction, and repair of automobiles and light trucks. This comprehensive text uses a building-block approach that starts with the fundamental principles of system operation and progresses gradually to complex diagnostic and service procedures. The 2009 edition features a new chapter on hybrid drive train operation and service, as well as a new chapter on career success. It also contains new information on the latest developments in the field, including tire pressure monitoring systems, computer networks, and direct gasoline injection. Organized around the eight ASE automobile test areas, this text is a must for students preparing for a career in automotive technology. Full-color illustrations, short sentences, concise definitions and thousands of photographs make teaching successful and learning easy. Modern Automotive Technology is backed by a strong teaching package, including a Shop Manual with 177 NATEF Standards Job Sheets that are organized into 48 projects. This full-color Shop Manual provides complete coverage of all the P-1 tasks, as well as many of the P-2 and P-3 tasks. All the teaching package items give you the tools to provide successful automotive instruction. This bundle includes a copy of the Student Text and an Online Text (6-Year Classroom Subscription). Students can instantly access the Online Text with browser-based devices, including iPads, netbooks, PCs, and Mac computers. With G-W Online Textbooks, students easily navigate linked table of contents, search specific topics, quickly jump to specific pages, enlarge for full-screen reading mode, and print selected pages for offline reading.

Bulletin of the Atomic Scientists 1973-12 The Bulletin of the Atomic Scientists is the premier public resource on scientific and technological developments that impact global security.

Founded by Manhattan Project Scientists, the Bulletin's iconic "Doomsday Clock" stimulates solutions for a safer world.