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The book on Sustainable Automotive Technologies aims to draw special attention to the research and practice focused on new technologies and approaches capable of meeting the challenges to sustainable mobility. In particular, the book features incremental and radical technical advancements that are able to meet social, economic and environmental targets in both local and global contexts. These include original solutions to the problems of pollution and congestion, vehicle and public safety, sustainable vehicle design and manufacture, new structures and materials, new power-train technologies and vehicle concepts. In addition to vehicle technologies, the book is also concerned with the broader systemic issues such as sustainable supply chain systems, integrated logistics and telematics, and end-of-life vehicle management. It captures selected peer reviewed papers accepted for presentation at the 4th International Conference on Sustainable Automotive Technologies, ICSAT2012, held at the RMIT, Melbourne, Australia.

Studies of the fear of crime are a fast-growing research area within criminology. This volume collects significant contributions to the field and includes an introductory essay by the editors. The articles offer an overview followed by reflection on the causes of vulnerability, the sources of information on victimization, the methods used to survey fear, the theoretical models employed to explain it and the nature of policies designed to reduce fear.

Polymers used in electronics and electrical engineering are essential to the development of high-tech products, with applications in space, aviation, health, automotive, communication, robotics, consumer products, and beyond. Typical features of mainstream polymers such as

mechanical performance, optical behavior, and environmental stability frequently need to be enhanced to perform in these demanding applications, creating the need to develop special grades or use completely new chemistry for their synthesis. Similarly, the typical set of properties included in the description of mainstream polymers are not sufficient for polymer selection for these applications, as they require different data, data that is meticulously detailed in the Handbook of Polymers for Electronics. The book provides readers with the most up-to-date information from the existing literature, manufacturing data, and patent filings. Presenting data for all polymers based on a consistent pattern of arrangement, the book provides details organized into the following sections: General; history; synthesis; structure; commercial polymers; physical properties; electrical properties; mechanical properties; chemical resistance; flammability; weather stability; thermal stability; biodegradation; toxicity; environmental impact; processing; blends; analysis. The contents, scope, treatment and novelty of the data makes this book an essential resource for anyone working with polymeric materials used in modern electronic applications. Synthesizes the most recent literature available on various grades of polymers, plastics, finished products, and patents Provides data on general information, synthesis, structure, physical properties, electrical properties, mechanical properties, chemical resistance, flammability, weather stability, thermal stability, biodegradation, toxicity, environmental impact, and more Details information on crystalline structure, cell dimensions, methods of synthesis, optoelectrical properties, relative permittivity, dissipation factor, actuation bandwidth, tear strength, abrasion resistance, and more This book offers a multidisciplinary perspective on perceived safety. It discusses the concept of safety from engineering, philosophy, and psychology angles, and considers various definitions

of safety and its relationship to risk. Examining the categorization of safety and the measurement of risk, risk cultures, basic human needs and decision-making under uncertainty, the contributions demonstrate the practical implications and applications in areas such as health behavior, aviation and sports. Topics covered include: What is “safety” and is there “optimal safety” in engineering? Philosophical perspectives on safety and risk Psychological perspectives on perceived safety: social factors of feeling safe Psychological perspectives on perceived safety: zero-risk bias, feelings & learned carelessness Perception of aviation safety Intended for both practitioners and academic researchers, this book appeals to anyone interested in decision-making and the perception and establishment of safety.

Katie’s Cabbage is the inspirational true story of how Katie Stagliano, a third grader from Summerville, South Carolina, grew a forty-pound cabbage in her backyard and donated it to help feed 275 people at a local soup kitchen. In her own words, Katie shares the story of the little cabbage seedling and the big ideas of generosity and service that motivated her to turn this experience into Katie’s Krops, a national youth movement aimed at ending hunger one vegetable garden at a time. Katie’s Cabbage reminds us of how small things can grow and thrive when nurtured with tender loving and care and of how one person, with the support of family, friends, and community, can help make a powerful difference in the lives of so many. Katie’s Cabbage was illustrated by Karen Heid, associate professor of art education at the University of South Carolina School of Visual Art and Design. Editorial assistance was provided by Michelle H. Martin, a dedicated gardener and the Augusta Baker Chair in Childhood Literacy at the University of South Carolina School of Library and Information Science. Patricia Moore-Pastides, First Lady of the University of South Carolina and author of

Greek Revival from the Garden: Growing and Cooking for Life, offers a foreword about her friendship with Katie and her admiration of Katie's dream to end hunger one garden at a time. Focusing on modeling applications, this outstanding reference provides a step-by-step, non-mathematical approach to constructing and using realistic workable groundwater models on a daily basis. Extensive detailed drawings, case studies, practical examples, and sample models illustrate important concepts. Includes data on hydrogeologic features and pollutants plus a glossary of terms.

Guide C: Reference Data contains the basic physical data and calculations which form the crucial part of building services engineer background reference material. Expanded and updated throughout, the book contains sections on the properties of humid air, water and steam, on heat transfer, the flow of fluids in pipes and ducts, and fuels and combustion, ending with a comprehensive section on units, mathematical and miscellaneous data. There are extensive and easy-to-follow tables and graphs. ·Essential reference tool for all professional building services engineers ·Easy to follow tables and graphs make the data accessible for all professionals ·Provides you with all the necessary data to make informed decisions

Based upon several years of extensive research performed at U.S. government laboratories, this reference offers a wide range of techniques involving flaw

detection, the testing of properties and the integrity of materials in a way which does not impart damage or impair the usefulness of the material. Covers visual, penetration, sonic, ultrasonic, magnetic, electromagnetic, penetrant and enhanced visual inspections as well as combined applications of these methods. Provides guidelines to select appropriate testing techniques and equipment. The first and only source to offer an all-encompassing approach to the pathogenesis and treatment of thrombocytopenic disorders, this book reviews current information concerning thrombocytopenia due to diminished platelet production and accelerated immunologic and nonimmunologic platelet clearance, as well as a detailed review of medications that c

Concern about global warming has led to renewed interest in the more sustainable use of natural fibres in composite materials. This important book reviews the wealth of recent research into improving the mechanical properties of natural-fibre thermoplastic composites so that they can be more widely used. The first part of the book provides an overview of the main types of natural fibres used in composites, how they are processed and, in particular, the way the fibre-matrix interface can be engineered to improve performance. Part two discusses the increasing use of natural-fibre composites in such areas as automotive and structural engineering, packaging and the energy sector. The final part of the

book discusses ways of assessing the mechanical performance of natural-fibre composites. With its distinguished editor and team of contributors, Properties and performance of natural-fibre composites is a valuable reference for all those using these important materials in such areas as automotive and structural engineering. Provides an overview of the types of natural fibres used in composites Discusses fibre-matrix interface and how it can be engineered to improve performance Examines the increasing use of natural-fibre composites in automotive and structural engineering and the packaging and energy sector

Today there are many people among the nations of the world who are drawn to the Jewish people and desire the sweetness of the Torah and its teachings. It has been difficult for non-Jewish people to find such teachings -- until now. This ground-breaking book offers a collection of essays on the weekly Torah portions and the holidays from twelve leading rabbis of Israel, written specifically to address the interests of a Christian audience. This is the worlds first book of Torah written by Orthodox rabbis especially (but not exclusively) with pro-Israel Christians in mind! These Orthodox rabbis are enabling the fulfillment of the words of Zechariah 8:23: In those days it will happen that ten men, of all the [different] languages of the nations, will take hold, they will take hold of the corner of the garment of a Jewish man, saying, Let us go with you, for we have heard that God is with you!

Relates the stories behind a number of classic toys as well as the adventures of the author and his child and adult helpers in the summer of 2009 as they built and recreated a number of toys,

in a book that also offers 12 projects linked to these toys for parents and children to create themselves.

Presenting more than two hundred of the greatest haiku ever written about the game. There are moments in every baseball game that make fans catch their breath: the pause while a pitcher looks in for the sign, the moment a cocksure rookie gets picked off first, or the instant a batter lashes a game-winning homer into the night sky, just before the sell-out crowd explodes onto its feet. Haiku captures these moments like no other poetic form, and *Baseball Haiku* captures the sights, the sounds, the smells, and the emotions of the game like no previous collection. Some of the most important haiku poets of both America and Japan are featured in this anthology; including Jack Kerouac, a longtime baseball fan who pioneered English-language haiku; Alan Pizzarelli, one of the top American haiku and senryu poets of the last thirty years; and Masaoka Shiki, one of the four great pillars of Japanese haiku—a towering figure—who was instrumental in popularizing baseball in Japan during the 1890s. With over two hundred poems spanning more than a century of ball playing, *Baseball Haiku* reveals the intricate ways in which this enduring and indelible sport—which is played on a field, under an open sky—has always been linked to nature and the seasons. And just as a haiku happens in a timeless now, so too does *Baseball Haiku* evoke those unforgettable images that capture the actions and atmospheres of the national pastime: each poem resonates like the lonely sound of cleats echoing in the tunnel as a grizzled veteran leaves his final game. The largest collection of haiku and senryu on baseball ever assembled, *Baseball Haiku* is an extraordinary treasure for any true baseball fan.

Presents Islamic stories that offer a background in Islamic traditions, folk tales, and mystical

verse.

Mendoza the Jew combines a graphic history with primary documentation and contextual information to explore issues of nationalism, identity, culture, and historical methodology through the life story of Daniel Mendoza. Mendoza was a poor Sephardic Jew from East London who became the boxing champion of Britain in 1789. As a Jew with limited means and a foreign-sounding name, Mendoza was an unlikely symbol of what many Britons considered to be their very own "national" sport.

Start the school year laughing. Get back in the swing of things with back-to-school jokes and riddles that will keep you giggling all school year long.

"Outlines the benefits of using additives-individually or in combination-to modify the properties and processability of pure polymers, and discusses easy-to-understand theory and practical applications for immediate economic and performance improvements."

Handbook of Polymers for ElectronicsElsevier

International Freight Transport presents the key changes and issues in the fast-moving industries of trade and transport. It includes regional trade groupings, emergence of new large economies (i.e. BRIC countries), and pivotal regions such as the Middle East and Central America where major projects, such as new and widened canals, are underway or planned. These changes could redraw the trade map with major implications for transport patterns and solutions. Blending geography, economics, politics and trade, International Freight Transport provides insight into a wide range of

topics, including: globalisation; demand versus supply; buyers and sellers; transport regulation, geography, modes and methods; transport ownership; alliances; and safety and security. The book is the only comprehensive and accessible book on international transport available.

The essays selected for this volume highlight the contributions of Adam Smith to our understanding of law and jurisprudence. The collection provides a detailed and overarching analysis of Smith's work related to law and shows how Smith connected jurisprudence to moral philosophy and to economics. In this regard, the volume is unique and stands out in comparison to the many books which explore Smith's contributions to economics. Contributions to this volume form the core of an essential research collection on Adam Smith and law by reproducing key works of scholarship in a form that permits the user to authoritatively cite the original publications; maintaining the original pagination and references."

Longarm fires up Hell's Half Acre! After U.S. Deputy Marshal Custis Long blasts a killer to hell in an epic gunfight, he seeks respite in Hell's Half Acre. Notorious beyond its size, Fort Worth's "Acre" features bullet-riddled corpses and scores of barely dressed women, drunks, gamblers, tin horns, outlaws, cowboys and tradesmen. What better place for a marshal to vacation? But, sooner than later, the bad guys in Hell's Half Acre need reminding that there's no rest for the wicked—or for the lawman known as Longarm who blows them to blazes.

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