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Introduction to Art Image AccessSemanticseCultureChassis EngineeringThinking about Deterrence - Enduring Questions in a Time of Rising Powers, Rogue Regimes, and TerrorismMechanisms and Mechanical Devices Sourcebook, Fourth EditionBiomolecular Feedback SystemsModern Approaches in Applied IntelligenceMATLAB® and Design Recipes for Earth SciencesJournalism at riskThe Master Handbook of AcousticsIBM zEnterprise EC12 Technical GuideAdaptive Audio and Video Processing for Electronic Chalkboard LecturesResearching Violence Against WomenFox and McDonald's Introduction to Fluid MechanicsThe Shock Absorber HandbookAn Elegant and Learned Discourse of the Light of NatureSmart Trends in Computing and Communications: Proceedings of SmartCom 2020ggplot2The Search for a Nonviolent FutureManaging Water ResourcesPorsche High-Performance Driving HandbookOwning the OlympicsMapping CrimeNanotechnologyFocus101 Performance Projects for Your BMW 3 Series 1982-2000Cassandra SuccinctlyMicroneurosurgery of CNS TumorsA2 Lifestyle MagazineContent AnalysisUsing R for Introductory StatisticsBroader HorizonsDriving Like CrazySteering HandbookProject Management Case StudiesClinton in HaitiCannabis Use DisordersThe Adult LearnerProblems and Solutions on Mechanics

Introduction to Art Image Access

Since its introduction in 1975, the BMW 3-series has earned a reputation as one of the world's greatest sports sedans. Unfortunately, it has also proven one of the more expensive to service and maintain. This book is dedicated to the legion of BMW 3-series owners who adore their cars and enjoy restoring, modifying, and maintaining them to perfection; its format allows more of these enthusiasts to get out into the garage and work on their BMWs-and in the process, to save a fortune. Created with the weekend mechanic in mind, this extensively illustrated manual offers 101 projects that will help you modify, maintain, and enhance your BMW 3-series sports sedan. Focusing on the 1984-1999 E30 and E36 models, 101 Performance Projects for Your BMW 3-Series presents all the necessary information, covers all the pitfalls, and assesses all the costs associated with performing an expansive array of weekend projects.

Semantics

THE #1 PROJECT MANAGEMENT CASE STUDIES BOOK NOW FEATURING NEW CASES FROM DISNEY, THE OLYMPICS, AIRBUS, BOEING, AND MORE After on-the-job experience, case studies are the most important part of every project manager's training. This Fifth Edition of Project Management Case Studies features more than

one hundred case studies that detail projects at high-profile companies around the world. These cases offer you a unique opportunity to experience, first-hand, project management in action within a variety of contexts and up against some of the most challenging conditions any project manager will likely face. New to this edition are case studies focusing on agile and scrum methodologies. Contains 100-plus case studies from companies that illustrate both successful and not-so-successful project management Represents an array of industries, including medical and pharmaceutical, aerospace, entertainment, sports, manufacturing, finance, telecommunications, and more Features 18 new case studies, including high-profile cases from Disney, the Olympics, Boeing 787 Dreamliner, and Airbus 380 Follows and supports preparation for the Project Management Professional (PMP)® Certification Exam Experienced PMs, project managers in training, and students alike will find this book to be an indispensable resource whether used as a standalone or combined with the bestselling Project Management: A Systems Approach to Planning, Scheduling, and Controlling, 12th Edition. PMI, CAPM, PMBOK, PMP and Project Management Professional are registered marks of the Project Management Institute, Inc.

eCulture

The popularity of the Internet and the affordability of IT hardware and software have resulted in an explosion of applications, architectures, and platforms.

Workloads have changed. Many applications, including mission-critical ones, are deployed on various platforms, and the IBM® System z® design has adapted to this change. It takes into account a wide range of factors, including compatibility and investment protection, to match the IT requirements of an enterprise. This IBM Redbooks® publication addresses the new IBM zEnterprise® System. This system consists of the IBM zEnterprise EC12 (zEC12), an updated IBM zEnterprise Unified Resource Manager, and the IBM zEnterprise BladeCenter® Extension (zBX) Model 003. The zEC12 is designed with improved scalability, performance, security, resiliency, availability, and virtualization. The superscalar design allows the zEC12 to deliver a record level of capacity over the prior System z servers. It is powered by 120 of the world's most powerful microprocessors. These microprocessors run at 5.5 GHz and are capable of running more than 75,000 millions of instructions per second (MIPS). The zEC12 Model HA1 is estimated to provide up to 50% more total system capacity than the IBM zEnterprise 196 (z196) Model M80. The zBX Model 003 infrastructure works with the zEC12 to enhance System z virtualization and management. It does so through an integrated hardware platform that spans mainframe, IBM POWER7®, and IBM System x® technologies. Through the Unified Resource Manager, the zEnterprise System is managed as a single pool of resources, integrating system and workload management across the environment. This book provides information about the zEnterprise System and its functions, features, and associated software support. Greater detail is offered in areas relevant to technical planning. It is intended for systems engineers, consultants,

planners, and anyone who wants to understand the zEnterprise System functions and plan for their usage. It is not intended as an introduction to mainframes. Readers are expected to be generally familiar with existing IBM System z® technology and terminology.

Chassis Engineering

Beginning with the achievements of Mahatma Gandhi, and following the legacy of nonviolence through the struggles against Nazism in Europe, racism in America, oppression in China and Latin America, and ethnic conflicts in Africa and Bosnia, Michael Nagler unveils a hidden history. Nonviolence, he proposes, has proven its power against arms and social injustice wherever it has been correctly understood and applied. Nagler's approach is not only historical but also spiritual, drawing on the experience of Gandhi and other activists and teachers. Individual chapters include A Way Out of Hell, The Sweet Sound of Order, and A Clear Picture of Peace. The last chapter includes a five-point blueprint for change and "study circle" guide. The foreword by Arun Gandhi, the grandson of Mahatma Gandhi, is new to this edition.

Thinking about Deterrence - Enduring Questions in a Time of Rising Powers, Rogue Regimes, and Terrorism

Do virtual museums really provide added value to end-users, or do they just contribute to the abundance of images? Does the World Wide Web save endangered cultural heritage, or does it foster a society with less variety? These and other related questions are raised and answered in this book, the result of a long path across the digital heritage landscape. It provides a comprehensive view on issues and achievements in digital collections and cultural content.

Mechanisms and Mechanical Devices Sourcebook, Fourth Edition

Newtonian mechanics : dynamics of a point mass (1001-1108) - Dynamics of a system of point masses (1109-1144) - Dynamics of rigid bodies (1145-1223) - Dynamics of deformable bodies (1224-1272) - Analytical mechanics : Lagrange's equations (2001-2027) - Small oscillations (2028-2067) - Hamilton's canonical equations (2068-2084) - Special relativity (3001-3054).

Biomolecular Feedback Systems

This practical coursebook introduces all the basics of semantics in a simple, step-by-step fashion. Each unit includes short sections of explanation with examples, followed by stimulating practice exercises to complete in the book. Feedback and

comment sections follow each exercise to enable students to monitor their progress. No previous background in semantics is assumed, as students begin by discovering the value and fascination of the subject and then move through all key topics in the field, including sense and reference, simple logic, word meaning and interpersonal meaning. New study guides and exercises have been added to the end of each unit to help reinforce and test learning. A completely new unit on non-literal language and metaphor, plus updates throughout the text significantly expand the scope of the original edition to bring it up-to-date with modern teaching of semantics for introductory courses in linguistics as well as intermediate students.

Modern Approaches in Applied Intelligence

MATLAB® and Design Recipes for Earth Sciences

This guide introduces the science of crime mapping to police officers, crime analysts, & other people interested in visualizing crime data through the medium of maps. The guide is made up of examples with the words draped around them. Crime analysts & researchers from across the U.S. & from Canada & the United Kingdom have contributed. The guide takes a broad approach addressing the kinds

of questions crime mapping can answer & how, in general terms, it can answer them. Presumably most readers will be working in law enforcement agencies. The material is designed primarily for those who know little or nothing about mapping crime & who are motivated to learn more. Color maps.

Journalism at risk

This book is an unbiased scientific compendium documenting the state-of-the-art in the etiology, diagnosis and treatment of Cannabis Use Disorders (CUD). Unlike any other current medical text, this volume focuses on the scientific aspects of CUDs and provides a resource for researchers, physicians and other health care providers who treat patients suffering from the disorder or its consequences. It begins by establishing the landscape of the disorder, including its prevalence, association with disabilities and comorbidities, and frequency of patients seeking treatment. The text delves into the complexity of the disorder in today's environment by including the discoveries on the nature and extent of the endocannabinoid system as well as potential breakthroughs in safe and effective pharmacological and nonpharmacological treatments. Experts in the field contribute discussions on the most cutting-edge diagnostic and biological topics, including genetics, medical consequences, and clinical manifestations. The text also covers the challenges and risks presented by external factors, including social repercussions, protective factors, psychiatric comorbidities, withdrawal, and

treatment services. Cannabis Use Disorders is a vital resource for researchers, psychiatrists, psychologists, addiction medicine specialists, toxicologists, hospital administrators, nurses, social workers, and all health care professionals working with patients who misuse cannabis.

The Master Handbook of Acoustics

Through ten editions, Fox and McDonald's Introduction to Fluid Mechanics has helped students understand the physical concepts, basic principles, and analysis methods of fluid mechanics. This market-leading textbook provides a balanced, systematic approach to mastering critical concepts with the proven Fox-McDonald solution methodology. In-depth yet accessible chapters present governing equations, clearly state assumptions, and relate mathematical results to corresponding physical behavior. Emphasis is placed on the use of control volumes to support a practical, theoretically-inclusive problem-solving approach to the subject. Each comprehensive chapter includes numerous, easy-to-follow examples that illustrate good solution technique and explain challenging points. A broad range of carefully selected topics describe how to apply the governing equations to various problems, and explain physical concepts to enable students to model real-world fluid flow situations. Topics include flow measurement, dimensional analysis and similitude, flow in pipes, ducts, and open channels, fluid machinery, and more. To enhance student learning, the book incorporates numerous pedagogical

features including chapter summaries and learning objectives, end-of-chapter problems, useful equations, and design and open-ended problems that encourage students to apply fluid mechanics principles to the design of devices and systems.

IBM zEnterprise EC12 Technical Guide

The overall aim of the book is to introduce students to the typical course followed by a data analysis project in earth sciences. A project usually involves searching relevant literature, reviewing and ranking published books and journal articles, extracting relevant information from the literature in the form of text, data, or graphs, searching and processing the relevant original data using MATLAB, and compiling and presenting the results as posters, abstracts, and oral presentations using graphics design software. The text of this book includes numerous examples on the use of internet resources, on the visualization of data with MATLAB, and on preparing scientific presentations. As with its sister book MATLAB Recipes for Earth Sciences–3rd Edition (2010), which demonstrates the use of statistical and numerical methods on earth science data, this book uses state-of-the art software packages, including MATLAB and the Adobe Creative Suite, to process and present geoscientific information collected during the course of an earth science project. The book's supplementary electronic material (available online through the publisher's website) includes color versions of all figures, recipes with all the MATLAB commands featured in the book, the example data, exported MATLAB

graphics, and screenshots of the most important steps involved in processing the graphics.

Adaptive Audio and Video Processing for Electronic Chalkboard Lectures

This edited volume presents basic principles as well as advanced concepts of the computational modeling of steering systems. Moreover, the book includes the components and functionalities of modern steering system, which are presented comprehensively and in a practical way. The book is written by more than 15 leading experts from the automotive industry and its components suppliers. The target audience primarily comprises practicing engineers, developers, researchers as well as graduate students who want to specialize in this field.

Researching Violence Against Women

Water resources management is increasingly interdisciplinary and must take into account complex socioeconomic factors and environmental variables. This book describes the 'systems approach' and its application to contemporary water resources management, focusing on three main sets of tools: simulation, optimization and multi-objective analysis. This approach is presented within the

context of sustainable planning and development under conditions of uncertainty. The publication introduces system dynamic simulation as a tool for integrated modeling and contains coverage of the use of fuzzy sets for incorporating objective and subjective uncertainties. It combines theory with many practical examples, as well as including programs and exercises on an accompanying CD-ROM. It composes both an advanced text for students of water resources and civil or environmental engineering and a practical guide for professionals.--Publisher's description.

Fox and McDonald's Introduction to Fluid Mechanics

The Shock Absorber Handbook

Volume IVB describes surgical approaches, strategies, and management techniques for specific tumors in their typical locations, surgical outcomes and results, instruments, and laboratory training. It covers also the related disciplines neuroradiology and neuroanesthesia. The last installment in this well-known series.

An Elegant and Learned Discourse of the Light of Nature

Smart Trends in Computing and Communications: Proceedings of SmartCom 2020

Curriculum guide for economics education in grades 9-12 based on Economics America from the National Council on Economic Education.

ggplot2

The Search for a Nonviolent Future

The second edition of a bestselling textbook, *Using R for Introductory Statistics* guides students through the basics of R, helping them overcome the sometimes steep learning curve. The author does this by breaking the material down into small, task-oriented steps. The second edition maintains the features that made the first edition so popular, while updating data, examples, and changes to R in line with the current version. See *What's New in the Second Edition*: Increased emphasis on more idiomatic R provides a grounding in the functionality of base R. Discussions of the use of RStudio helps new R users avoid as many pitfalls as possible. Use of knitr package makes code easier to read and therefore easier to reason about. Additional information on computer-intensive approaches motivates

the traditional approach. Updated examples and data make the information current and topical. The book has an accompanying package, UsingR, available from CRAN, R's repository of user-contributed packages. The package contains the data sets mentioned in the text (`data(package="UsingR")`), answers to selected problems (`answers()`), a few demonstrations (`demo()`), the errata (`errata()`), and sample code from the text. The topics of this text line up closely with traditional teaching progression; however, the book also highlights computer-intensive approaches to motivate the more traditional approach. The authors emphasize realistic data and examples and rely on visualization techniques to gather insight. They introduce statistics and R seamlessly, giving students the tools they need to use R and the information they need to navigate the sometimes complex world of statistical computing.

Managing Water Resources

Intended for machinery, mechanism, and device designers; engineers, technicians; and inventors and students, this fourth edition includes a glossary of machine design and kinematics terms; material on robotics; and information on nanotechnology and mechanisms applications.

Porsche High-Performance Driving Handbook

Chassis Engineering for HP Cars Manual Chassis Design Covers Center Of Gravity And Roll Center Enhancing Road Handling Ability Step-By-Step Guide Tire Technology And Front and Rear Suspensions Brakes; Shocks And Springs

Owning the Olympics

This book gathers high-quality papers presented at the International Conference on Smart Trends for Information Technology and Computer Communications (SmartCom 2020), organized by the Global Knowledge Research Foundation (GR Foundation) from 23 to 24 January 2020. It covers the state-of-the-art and emerging topics in information, computer communications, and effective strategies for their use in engineering and managerial applications. It also explores and discusses the latest technological advances in, and future directions for, information and knowledge computing and its applications.

Mapping Crime

Draws on the collective experiences and insights of many individuals, and in particular from the implementation of the WHO Multi-country Study on Women's Health and Domestic Violence against Women in over 10 countries. Twenty years ago, violence against women was not considered an issue worthy of international

concern. Gradually, violence against women has come to be recognized as a legitimate human rights issue and as a significant threat to women's health and well-being. Now that international attention is focused on gender-based violence, methodologically rigorous research is needed to guide the formulation and implementation of effective interventions, policies, and prevention strategies. The manual has been developed in response to the growing need to improve the quality, quantity, and comparability of international data on physical and sexual abuse. It outlines some of the methodological and ethical challenges of conducting research on violence against women and describes a range of innovative techniques that have been used to address these challenges.

Nanotechnology

With the proliferation of information on the World Wide Web and in other networked environments, one of the main things that users search for are images of works of art and architecture. End-users generally try to search for images by subject, a process that often proves unsatisfactory and frustrating. Cataloging images of works of art has always been challenging, but now that end-users need only have access to the Internet, the challenge is more daunting than ever. This illustrated book on using metadata standards and controlled vocabularies to catalog and provide accurate end-user access to images of works of art also focuses on decisions that must be made about the arrangement of visual records,

descriptive principles and methodologies, and requirements for access. Introduction to Art Image Access addresses the issues that underlie a visual collection to make it accessible in an electronic environment. A glossary, selected bibliography, and list of acronyms and URLs are included.

Focus

101 Performance Projects for Your BMW 3 Series 1982-2000

With many scholars and analysts questioning the relevance of deterrence as a valid strategic concept, this volume moves beyond Cold War nuclear deterrence to show the many ways in which deterrence is applicable to contemporary security. It examines the possibility of applying deterrence theory and practice to space, to cyberspace, and against non-state actors. It also examines the role of nuclear deterrence in the twenty-first century and reaches surprising conclusions.

Cassandra Succinctly

"A major contribution to the study of global events in times of global media. Owning the Olympics tests the possibilities and limits of the concept of 'media

events' by analyzing the mega-event of the information age: the Beijing Olympics. . . . A good read from cover to cover." —Guobin Yang, Associate Professor, Asian/Middle Eastern Cultures & Sociology, Barnard College, Columbia University

From the moment they were announced, the Beijing Games were a major media event and the focus of intense scrutiny and speculation. In contrast to earlier such events, however, the Beijing Games are also unfolding in a newly volatile global media environment that is no longer monopolized by broadcast media. The dramatic expansion of media outlets and the growth of mobile communications technology have changed the nature of media events, making it significantly more difficult to regulate them or control their meaning. This volatility is reflected in the multiple, well-publicized controversies characterizing the run-up to Beijing 2008. According to many Western commentators, the People's Republic of China seized the Olympics as an opportunity to reinvent itself as the "New China"---a global leader in economics, technology, and environmental issues, with an improving human-rights record. But China's maneuverings have also been hotly contested by diverse global voices, including prominent human-rights advocates, all seeking to displace the official story of the Games. Bringing together a distinguished group of scholars from Chinese studies, human rights, media studies, law, and other fields, *Owning the Olympics* reveals how multiple entities---including the Chinese Communist Party itself---seek to influence and control the narratives through which the Beijing Games will be understood. *digitalculturebooks* is an imprint of the University of Michigan Press and the Scholarly Publishing Office of the University of

Michigan Library dedicated to publishing innovative and accessible work exploring new media and their impact on society, culture, and scholarly communication. Visit the website at www.digitalculture.org.

Microneurosurgery of CNS Tumors

The Second Edition of *Content Analysis: An Introduction to Its Methodology* is a definitive sourcebook of the history and core principles of content analysis as well as an essential resource for present and future studies. The book introduces readers to ways of analyzing meaningful matter such as texts, images, voices – that is, data whose physical manifestations are secondary to the meanings that a particular population of people brings to them. Organized into three parts, the book examines the conceptual and methodological aspects of content analysis and also traces several paths through content analysis protocols. The author has completely revised and updated the Second Edition, integrating new information on computer-aided text analysis. The book also includes a practical guide that incorporates experiences in teaching and how to advise academic and commercial researchers. In addition, Krippendorff clarifies the epistemology and logic of content analysis as well as the methods for achieving its aims. Intended as a textbook for advanced undergraduate and graduate students across the social sciences, *Content Analysis, Second Edition* will also be a valuable resource for practitioners in a variety of disciplines.

A2 Lifestyle Magazine

This book provides an accessible introduction to the principles and tools for modeling, analyzing, and synthesizing biomolecular systems. It begins with modeling tools such as reaction-rate equations, reduced-order models, stochastic models, and specific models of important core processes. It then describes in detail the control and dynamical systems tools used to analyze these models. These include tools for analyzing stability of equilibria, limit cycles, robustness, and parameter uncertainty. Modeling and analysis techniques are then applied to design examples from both natural systems and synthetic biomolecular circuits. In addition, this comprehensive book addresses the problem of modular composition of synthetic circuits, the tools for analyzing the extent of modularity, and the design techniques for ensuring modular behavior. It also looks at design trade-offs, focusing on perturbations due to noise and competition for shared cellular resources. Featuring numerous exercises and illustrations throughout, *Biomolecular Feedback Systems* is the ideal textbook for advanced undergraduates and graduate students. For researchers, it can also serve as a self-contained reference on the feedback control techniques that can be applied to biomolecular systems. Provides a user-friendly introduction to essential concepts, tools, and applications Covers the most commonly used modeling methods Addresses the modular design problem for biomolecular systems Uses design examples from both natural systems and synthetic circuits Solutions manual (available only to

professors at press.princeton.edu) An online illustration package is available to professors at press.princeton.edu

Content Analysis

The two volume set LNAI 6703 and LNAI 6704 constitutes the thoroughly refereed conference proceedings of the 24th International Conference on Industrial Engineering and Other Applications of Applied Intelligent Systems, IEA/AIE 2011, held in Syracuse, NY, USA, in June/July 2011. The total of 92 papers selected for the proceedings were carefully reviewed and selected from 206 submissions. The papers cover a wide number of topics including feature extraction, discretization, clustering, classification, diagnosis, data refinement, neural networks, genetic algorithms, learning classifier systems, Bayesian and probabilistic methods, image processing, robotics, navigation, optimization, scheduling, routing, game theory and agents, cognition, emotion, and beliefs.

Using R for Introductory Statistics

In *Nanotechnology: A Gentle Introduction to the Next Big Idea*, nanotech pioneer Mark Ratner and tech entrepreneur Daniel Ratner show how nanotech works, what's new, what's next, and why nanotech may be the next \$1 trillion industry.

They survey every area of R&D: nanobots, quantum and DNA computing, nanosensors, biostructures, neuro-electronic interfaces, molecular motors, and much more. Simple, brief, and nearly math-free, this is the perfect briefing on nanotech technology and business for every non-technical reader.

Broader Horizons

Provides both rich theory and powerful applications Figures are accompanied by code required to produce them Full color figures

Driving Like Crazy

The book focuses on Aristide's political career, emphasizing his strategizing, compromising and dealing with the Clinton administration. In his presentation of the conflict, Girard carefully balances Aristide's and Clinton's needs, and the demands and moral positions the leaders make against each other - the result is that each leader and his constituency comes to life, and their maneuverings and decisions become engaging and meaningful. While Girard focuses on the conflict itself and the foreign policy dynamics at play between Haiti and the US, he also paints a compelling picture of contemporary Haiti and delineates with great clarity the tensions which led to recent violence and the deposition of Aristide.

Steering Handbook

Apache Cassandra is an open-source distributed database system noted for its consistency, its ability to run on commodity hardware, and its easy deployment to cloud infrastructure. With *Cassandra Succinctly* by Marko Svaljek, you will learn the architecture behind Cassandra that makes it a reliable system, including how hashes are used to identify where data is stored, how choosing the right replication factor can enhance or hinder performance, and how the system handles updating and deleting data. By the end of the book, you will be able to store and model data using the Cassandra Query Language, and use Cassandra within your own applications.

Project Management Case Studies

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.

Clinton in Haiti

An overview of general sound principles, such as frequency, wavelength, absorption, decibel measurement, and transmission in various materials, as well as a look at the human ear and auditory system. Annotation copyrighted by Book News, Inc., Portland, OR

Cannabis Use Disorders

Is journalism under threat? Censorship, political pressure, intimidation, job

insecurity and attacks on the protection of journalists' sources - how can these threats be tackled? Journalism at Risk is a new book from the Council of Europe, in which ten experts from different backgrounds examine the role of journalism in democratic societies. Is journalism under threat? The image of journalists, as helmeted war correspondents protected by bullet-proof vests and armed only with cameras and microphones, springs to mind. Physical threats are only the most visible dangers, however. Journalists and journalism itself are facing other threats such as censorship, political and economic pressure, intimidation, job insecurity and attacks on the protection of journalists' sources. Social media and digital photography mean that anyone can now publish information, which is also upsetting the ethics of journalism. How can these threats be tackled? What is the role of the Council of Europe, the European Court of Human Rights and national governments in protecting journalists and freedom of expression? In this book, 10 experts from different backgrounds analyse the situation from various angles. At a time when high-quality, independent journalism is more necessary than ever - and yet when the profession is facing many different challenges - they explore the issues surrounding the role of journalism in democratic societies.

The Adult Learner

The #1 New York Times–bestselling humorist’s tribute to car travel is “a ride worth taking, even for readers who don’t know an oil pan from a frying pan” (The

Washington Times). From a veteran of both Car and Driver and National Lampoon magazines, this hilarious book chronicles the golden age of the automobile in America—and takes us on a whirlwind tour of the world’s most scenic and bumpiest roads in trouble-laden cross-country treks, from a 1978 Florida-to-California escapade in a 1956 special four-door Buick sedan, to a thousand-mile effort across Mexico in the Baja 1000 in 1983, to a journey through Kyrgyzstan in 2006 on the back of a Soviet army surplus six-wheel-drive truck. For longtime fans of the celebrated humorist, the collection features a host of O’Rourke’s classic pieces on driving, including “How to Drive Fast on Drugs While Getting Your Wing-Wang Squeezed and Not Spill Your Drink,” about the potential misdeeds one might perform in the front (and back) seat of an automobile; “The Rolling Organ Donors Motorcycle Club,” which chronicles a seven-hundred-mile weekend trip through Michigan and Indiana that O’Rourke took on a Harley-Davidson; his brilliant and funny piece from Rolling Stone on NASCAR and its peculiar culture recorded during an alcohol-fueled weekend in Charlotte, North Carolina, in 1977; and an hilarious account of a ride from Islamabad to Calcutta in Land Rover’s new Discovery Trek. “Never in neutral, O’Rourke offers laughter on wheels.” —Publishers Weekly “An insightful look not just at the American love affair with cars, but also at one man’s changing outlook on life, all of it fast-paced and over the top . . . Even readers who know nothing about cars and motorcycles will appreciate the joy and hilarity of this book.” —Booklist

Problems and Solutions on Mechanics

This doctoral dissertation in computer science describes how traditional chalk and talk lectures can be transmitted over the web while maximizing the quality and minimizing the amount of extra effort. The book presents a comprehensive discussion on many technological and human-centered issues using the example of the software system "E-Chalk" that was co-developed by the author. As a by-product, the work includes a detailed description of the so-called "Simple Interactive Object Extration (SIOX)" algorithm that has recently been integrated in several open-source image manipulation programs such as GIMP, Inkscape, and Blender.

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