
Access Free Isbn By Engine Search Book

As recognized, adventure as with ease as experience more or less lesson, amusement, as well as contract can be gotten by just checking out a ebook **Isbn By Engine Search Book** moreover it is not directly done, you could put up with even more vis--vis this life, concerning the world.

We give you this proper as without difficulty as easy mannerism to get those all. We have the funds for Isbn By Engine Search Book and numerous book collections from fictions to scientific research in any way. among them is this Isbn By Engine Search Book that can be your partner.

KEY=SEARCH - TOWNSEND SANAA

An Introduction to Search Engines and Web Navigation [John Wiley & Sons](#) This book is a second edition, updated and expanded to explain the technologies that help us find information on the web. Search engines and web navigation tools have become ubiquitous in our day to day use of the web as an information source, a tool for commercial transactions and a social computing tool. Moreover, through the mobile web we have access to the web's services when we are on the move. This book demystifies the tools that we use when interacting with the web, and gives the reader a detailed overview of where we are and where we are going in terms of search engine and web navigation technologies. **Search Engines Information Retrieval in Practice** [Pearson Higher Ed](#) This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. **Search Engines: Information Retrieval in Practice** is ideal for introductory information retrieval courses at the undergraduate and graduate level in computer science, information science and computer engineering departments. It is also a valuable tool for search engine and information retrieval professionals. Written by a leader in the field of information retrieval, **Search Engines: Information Retrieval in Practice**, is designed to give undergraduate students the understanding and tools they need to evaluate, compare and modify search engines. Coverage of the underlying IR and mathematical models reinforce key concepts. The book's numerous programming exercises make extensive use of Galago, a Java-based open source search engine. **Invisible Search and Online Search Engines The Ubiquity of Search in Everyday Life** [Routledge](#) **Invisible Search and Online Search Engines** considers the use of search engines in contemporary everyday life and the challenges this poses for media and information literacy. Looking for mediated information is mostly done online and arbitrated by the various tools and devices that people carry with them on a daily basis. Because of this, search engines have a significant impact on the structure of our lives, and personal and public memories. Haider and Sundin consider what this means for society, whilst also uniting research on information retrieval with research on how people actually look for and encounter information. Search engines are now one of society's key infrastructures for knowing and becoming informed. While their use is dispersed across myriads of social practices, where they have acquired close to naturalised positions, they are commercially and technically centralised. Arguing that search, searching, and search engines have become so widely used that we have stopped noticing them, Haider and Sundin consider what it means to be so reliant on this all-encompassing and increasingly invisible information infrastructure. **Invisible Search and Online Search Engines** is the first book to approach search and search engines from a perspective that combines insights from the technical expertise of information science research with a social science and humanities approach. As such, the book should be essential reading for academics, researchers, and students working on and studying information science, library and information science (LIS), media studies, journalism, digital cultures, and educational sciences. **Academic Search Engines A Quantitative Outlook** [Elsevier](#) **Academic Search Engines: intends to run through the current panorama of the academic search engines through a quantitative approach that analyses the reliability and consistence of these services. The objective is to describe the main characteristics of these engines, to highlight their advantages and drawbacks, and to discuss the implications of these new products in the future of scientific communication and their impact on the research measurement and evaluation. In short, Academic Search Engines presents a summary view of the new challenges that the Web set to the scientific activity through the most novel and innovative searching services available on the Web. This is the first approach to analyze search engines exclusively addressed to the research community in an integrative handbook. The novelty, expectation and usefulness of many of these services justify their analysis. This book is not merely a description of the web functionalities of these services; it is a scientific review of the most outstanding characteristics of each platform, discussing their significance to the scholarly communication and research evaluation. This book introduces an original methodology based on a quantitative analysis of the covered data through the extensive use of crawlers and harvesters which allow going in depth into how these engines are working. Beside of this, a detailed descriptive review of their functionalities and a critical discussion about their use for scientific community is displayed.** **Algorithms of Oppression How Search Engines Reinforce Racism** [NYU Press](#) **Acknowledgments -- Introduction: the power of algorithms -- A society, searching -- Searching for Black girls -- Searching for people and communities -- Searching for protections from search engines -- The future of knowledge in the public -- The future of information culture -- Conclusion: algorithms of oppression -- Epilogue -- Notes -- Bibliography -- Index -- About the author** **Google Earth Engine Applications** [MDPI](#) In a rapidly changing world, there is an ever-increasing need to monitor the Earth's resources and manage it sustainably for future generations. Earth observation from satellites is critical to provide information required for informed and timely decision making in this regard. Satellite-based earth observation has advanced rapidly over the last 50 years, and there is a plethora of satellite sensors imaging the Earth at finer spatial and spectral resolutions as well as high temporal resolutions. The amount of data available for any single location on the Earth is now at the petabyte-scale. An ever-increasing capacity and computing power is needed to handle such large

datasets. The Google Earth Engine (GEE) is a cloud-based computing platform that was established by Google to support such data processing. This facility allows for the storage, processing and analysis of spatial data using centralized high-power computing resources, allowing scientists, researchers, hobbyists and anyone else interested in such fields to mine this data and understand the changes occurring on the Earth's surface. This book presents research that applies the Google Earth Engine in mining, storing, retrieving and processing spatial data for a variety of applications that include vegetation monitoring, cropland mapping, ecosystem assessment, and gross primary productivity, among others. Datasets used range from coarse spatial resolution data, such as MODIS, to medium resolution datasets (Worldview -2), and the studies cover the entire globe at varying spatial and temporal scales.

Information Retrieval Implementing and Evaluating Search Engines [MIT Press](#) An introduction to information retrieval, the foundation for modern search engines, that emphasizes implementation and experimentation. Information retrieval is the foundation for modern search engines. This textbook offers an introduction to the core topics underlying modern search technologies, including algorithms, data structures, indexing, retrieval, and evaluation. The emphasis is on implementation and experimentation; each chapter includes exercises and suggestions for student projects. Wumpus—a multiuser open-source information retrieval system developed by one of the authors and available online—provides model implementations and a basis for student work. The modular structure of the book allows instructors to use it in a variety of graduate-level courses, including courses taught from a database systems perspective, traditional information retrieval courses with a focus on IR theory, and courses covering the basics of Web retrieval. In addition to its classroom use, Information Retrieval will be a valuable reference for professionals in computer science, computer engineering, and software engineering.

Driving and Engine Cycles [Springer](#) This book presents in detail the most important driving and engine cycles used for the certification and testing of new vehicles and engines around the world. It covers chassis and engine-dynamometer cycles for passenger cars, light-duty vans, heavy-duty engines, non-road engines and motorcycles, offering detailed historical information and critical review. The book also provides detailed examples from SI and diesel engines and vehicles operating during various cycles, with a focus on how the engine behaves during transients and how this is reflected in emitted pollutants, CO₂ and after-treatment systems operation. It describes the measurement methods for the testing of new vehicles and essential information on the procedure for creating a driving cycle. Lastly, it presents detailed technical specifications on the most important chassis-dynamometer cycles around the world, together with a direct comparison of those cycles.

Invisible Search and Online Search Engines The Ubiquity of Search in Everyday Life Invisible Search and Online Search Engines considers the use of search engines in contemporary everyday life and the challenges this poses for media and information literacy. Looking for mediated information is mostly done online and arbitrated by the various tools and devices that people carry with them on a daily basis. Because of this, search engines have a significant impact on the structure of our lives, and personal and public memories. Haider and Sundin consider what this means for society, whilst also uniting research on information retrieval with research on how people actually look for and encounter information. Search engines are now one of society's key infrastructures for knowing and becoming informed. While their use is dispersed across myriads of social practices, where they have acquired close to naturalised positions, they are commercially and technically centralised. Arguing that search, searching, and search engines have become so widely used that we have stopped noticing them, Haider and Sundin consider what it means to be so reliant on this all-encompassing and increasingly invisible information infrastructure. Invisible Search and Online Search Engines is the first book to approach search and search engines from a perspective that combines insights from the technical expertise of information science research with a social science and humanities approach. As such, the book should be essential reading for academics, researchers, and students working on and studying information science, library and information science (LIS), media studies, journalism, digital cultures, and educational sciences.

Paraxial Light Beams with Angular Momentum [Nova Science Pub Incorporated](#) Fundamental and applied concepts concerning the ability of light beams to carry a certain mechanical angular momentum (AM) with respect to the propagation axis are reviewed and discussed in this book. In paraxial beams, the total beam AM can be represented as a sum of the spin (SAM) and orbital (OAM) angular momentums. SAM is an attribute of beams with elliptic (circular) polarisation and is related to the spin of photons. OAM is conditioned by the macroscopic transverse energy circulation and does not depend on the beam polarisation state. In turn, the OAM can be divided in two components which reflect different forms of this energy circulation. Important class of beams with OAM, are vortex beams with helical geometric structure. They constitute a full set of azimuthal harmonics characterised by integer index l each possessing AM l per photon. Arbitrary paraxial beam can be represented as a superposition of helical beams with different l . Models of helical beams and methods of their practical generation are discussed. Transverse energy flows in light beams can be described on the basis of a mechanical model assimilating them to fluid bodies; remarkably, in a helical beam the transverse flow distribution exactly corresponds to the laws of the vortex behaviour in other fields of physics (fluid dynamics, electricity). Experiments on transmission of the beam AM to other bodies (optical elements and to suspended microparticles) are discussed. Research prospects and ways of practical utilisation of optical beams with AM are discussed.

Introduction to Information Retrieval [Cambridge University Press](#) Class-tested and coherent, this textbook teaches classical and web information retrieval, including web search and the related areas of text classification and text clustering from basic concepts. It gives an up-to-date treatment of all aspects of the design and implementation of systems for gathering, indexing, and searching documents; methods for evaluating systems; and an introduction to the use of machine learning methods on text collections. All the important ideas are explained using examples and figures, making it perfect for introductory courses in information retrieval for advanced undergraduates and graduate students in computer science. Based on feedback from extensive classroom experience, the book has been carefully structured in order to make teaching more natural and effective. Slides and additional exercises (with solutions for lecturers) are also available through the book's supporting website to help course instructors prepare their lectures. Query

Understanding for Search Engines [Springer Nature](#) This book presents a systematic study of practices and theories for query understanding of search engines. These studies can be categorized into three major classes. The first class is to figure out what the searcher wants by extracting semantic meaning from the searcher's keywords, such as query classification, query tagging, and query intent understanding. The second class is to analyze search queries and then translate them into an enhanced query that can produce better search results, such as query spelling correction or query rewriting. The third class is to assist users in refining or suggesting queries in order to reduce users' search effort and satisfy their information needs, such as query auto-completion and query suggestion. Query understanding is a fundamental part of search engines. It is responsible to precisely infer the intent of the query formulated by the search user, to correct spelling errors in his/her query, to reformulate the query to capture its intent more accurately, and to guide the user in formulating a query with precise intent. The book will be invaluable to researchers and graduate students in computer or information science and specializing in information retrieval or web-based systems, as well as to researchers and programmers working on the development or improvement of products related to search engines.

The Art of SEO Mastering Search Engine Optimization ["O'Reilly Media, Inc."](#) Annotation Three acknowledged experts in search engine optimization share guidelines and innovative techniques that will help you plan and execute a comprehensive SEO strategy. Complete with an array of effective tactics from basic to advanced, this third edition prepares digital marketers for 2016 with updates on SEO tools and new search engine optimization methods that have reshaped the SEO landscape. Novices will receive a thorough SEO education, while experienced SEO practitioners get an extensive reference to support ongoing engagements. Comprehend SEO's many intricacies and complexities. Explore the underlying theory and inner workings of search engines. Understand the role of social media, user data, and links. Discover tools to track results and measure success. Examine the effects of Google's Panda and Penguin algorithms. Consider opportunities in mobile, local, and vertical SEO. Build a competent SEO team with defined roles. Glimpse the future of search and the SEO industry. Visit the book website (<http://www.artofseobook.com>) for FAQs and to post your own burning questions. You'll have access to special offers and discounts on various SEO tools and services. You can also get exclusive access to instructional videos related to the concepts in the book by sending an email to bonuses@artofseobook.com.

The Art of SEO Mastering Search Engine Optimization [Oreilly & Associates Incorporated](#) Four acknowledged experts in search engine optimization share guidelines and innovative techniques that will help you plan and execute a comprehensive SEO strategy. This third edition focuses on a number of tool updates and examines the changes brought about by Hummingbird, Google's context-aware algorithm. The book is perfect for anyone interested in becoming an SEO practitioner, as well as people already working in the profession. For novices, it's a complete and thorough education on search engine optimization—SEO 101. For experienced SEO practitioners, this book serves as an extensive reference volume to support ongoing engagements. Comprehend SEO's many intricacies and complexities. Explore the underlying theory and inner workings of search engines. Understand the role of social media, user data, and links. Discover tools to track results and measure success. Recognize how changes to your site can confuse search engines. Learn to build a competent SEO team with defined roles. Glimpse the future of search and the SEO industry.

Search Engine Optimization All-in-One For Dummies [John Wiley & Sons Books and Culture](#) **The Woman in White** Considered one of the mystery genre's greatest novels, *The Woman in White* was first serialized from 1859 to 1860. Published as a book in 1860, it was among the first mystery novels. Setting the stage for other works of mystery fiction, *The Woman in White* is an early detective story starring Walter Hartright, a young art teacher from London who works to find the true identity of a mysterious woman in white who appears to be in deep trouble.

Made America From the Steam Engine to the Search Engine: Two Centuries of Innovators [Hachette UK](#) An illustrated history of American innovators -- some well known, some unknown, and all fascinating -- by the author of the bestselling *The American Century*.

SEO For Dummies [John Wiley & Sons](#) Up relevance scores, improve page speed, optimize voice search questions, and more! **Search Engine Optimization For Dummies** shows website owners, developers, and search engine optimizers (SEOs) how to create a website that ranks at the top of search engines and has high-volume traffic, while answering the essential question of "how do I get people to visit my site?" By understanding search engine basics (what are they, which ones are important, how to get started), building a search engine-friendly site, registering your site with directories and indexes, using analysis tools to track results and link popularity to boost rankings, and advertising your site by using pay-per-click options, you can use the tricks of SEO masters to drive traffic to your site. You'll also discover how to write effective content, use social media to boost your profile, and manage your platform and reputation to positively impact your search engine rankings. Develop a search strategy and use new SERP features. Maximize the effects of personalized search. Analyze results with improved analytics tools. Optimize voice search strategies. There's no time like the present to create a website that ranks at the top of search engines and drives traffic to your site with these tips, tricks, and secrets.

How Software Works The Magic Behind Encryption, CGI, Search Engines, and Other Everyday Technologies [No Starch Press](#) We use software every day to perform all kinds of magical, powerful tasks. It's the force behind stunning CGI graphics, safe online shopping, and speedy Google searches. Software drives the modern world, but its inner workings remain a mystery to many. **How Software Works** explains how computers perform common-yet-amazing tasks that we take for granted every day. Inside you'll learn: -How data is encrypted -How passwords are used and protected -How computer graphics are created -How video is compressed for streaming and storage -How data is searched (and found) in huge databases -How programs can work together on the same problem without conflict -How data travels over the Internet **How Software Works** breaks down these processes with patient explanations and intuitive diagrams so that anyone can understand—no technical background is required, and you won't be reading through any code. In plain English, you'll examine the intricate logic behind the technologies you constantly use but never understood. If you've ever wondered what really goes on behind your computer screen, **How Software Works** will give you a fascinating look into the software all around you.

Popular Mechanics *Popular Mechanics* inspires, instructs and influences readers to help them master

the modern world. Whether it's practical DIY home-improvement tips, gadgets and digital technology, information on the newest cars or the latest breakthroughs in science -- PM is the ultimate guide to our high-tech lifestyle. **Digital and Social Media Marketing A Results-Driven Approach** [Taylor & Francis](#) **Digital and Social Media Marketing: A Results-Driven Approach** is an exciting new industry-led, research-informed and results-driven guide to digital commerce. Its examples draw from SMEs and from Europe to offer a unique perspective for those learning about digital marketing and, having been developed in close collaboration with the Search Engine Marketing Trade Association (SEMATA), it is a reliable source of prevailing industry standards for practitioners at the cutting edge of their trade. Unlike other digital marketing texts, this accessible textbook gives special consideration to the ethical challenges raised by an increasingly digital world. Equally unique is the book's Digital Business Maturity Model, which offers organisations a clear roadmap for understanding their relative levels of technology adoption. Embracing the true spirit of Digital and Social Media Marketing, the book will be the first of its kind in this field with digital learning materials, case studies and exercises available in a supporting Massive Open Online Course (MOOC). The MOOC will enhance learners' experience and create an interactive international learning community. This book will provide a hands on, accessible and user friendly platform to turn skills and knowledge into strategic advantage. Ideal for postgraduate learners, instructors interested in providing a unique and up-to-date learning experience and for SMEs and practitioners aiming to be at the cutting edge of Digital and Social Media Marketing. **Platform Embedded Security Technology Revealed Safeguarding the Future of Computing with Intel Embedded Security and Management Engine** [Apress](#) **Platform Embedded Security Technology Revealed** is an in-depth introduction to Intel's platform embedded solution: the security and management engine. The engine is shipped inside most Intel platforms for servers, personal computers, tablets, and smartphones. The engine realizes advanced security and management functionalities and protects applications' secrets and users' privacy in a secure, light-weight, and inexpensive way. Besides native built-in features, it allows third-party software vendors to develop applications that take advantage of the security infrastructures offered by the engine. Intel's security and management engine is technologically unique and significant, but is largely unknown to many members of the tech communities who could potentially benefit from it. **Platform Embedded Security Technology Revealed** reveals technical details of the engine. The engine provides a new way for the computer security industry to resolve critical problems resulting from booming mobile technologies, such as increasing threats against confidentiality and privacy. This book describes how this advanced level of protection is made possible by the engine, how it can improve users' security experience, and how third-party vendors can make use of it. It's written for computer security professionals and researchers; embedded system engineers; and software engineers and vendors who are interested in developing new security applications on top of Intel's security and management engine. It's also written for advanced users who are interested in understanding how the security features of Intel's platforms work. **American Book Publishing Record Writers' & Artists' Guide to Self-Publishing How to Edit, Produce and Sell Your Book** [Bloomsbury Publishing](#) **Practical advice from experts in self-publishing--including the pitfalls to avoid. Self-publishing is a growing area and writers need independent and reliable advice they can trust. This guide is full of practical, nuts-and-bolts information on each aspect of the DIY-publishing process, from editing and page layout, cover design and book production, publicity and selling. Each chapter is written by publishing professionals expert in supporting authors and is full of insights from successful self-published authors themselves. This guide is essential reading for any indie author who wants to go it totally alone, who wants to work with other independent professionals or who might choose to pay for self-publishing provider services. It gives the pros and cons and potential financial outlay for the various options available so writers can make informed decisions about the best approach for their own book.** **Web Dragons Inside the Myths of Search Engine Technology** [Elsevier](#) **Web Dragons** offers a perspective on the world of Web search and the effects of search engines and information availability on the present and future world. In the blink of an eye since the turn of the millennium, the lives of people who work with information have been utterly transformed. Everything we need to know is on the web. It's where we learn and play, shop and do business, keep up with old friends and meet new ones. Search engines make it possible for us to find the stuff we need to know. Search engines — web dragons — are the portals through which we access society's treasure trove of information. How do they stack up against librarians, the gatekeepers over centuries past? What role will libraries play in a world whose information is ruled by the web? How is the web organized? Who controls its contents, and how do they do it? How do search engines work? How can web visibility be exploited by those who want to sell us their wares? What's coming tomorrow, and can we influence it? As we witness the dawn of a new era, this book shows readers what it will look like and how it will change their world. Whoever you are: if you care about information, this book will open your eyes and make you blink. Presents a critical view of the idea of funneling information access through a small handful of gateways and the notion of a centralized index--and the problems that may cause Provides promising approaches for addressing the problems, such as the personalization of web services Presented by authorities in the field of digital libraries, web history, machine learning, and web and data mining Find more information at the author's site: [webdragons.net](#) **Automotive Control Systems For Engine, Driveline, and Vehicle** [Springer Science & Business Media](#) Written by two of the most respected, experienced and well-known researchers and developers in the field (e.g., Kiencke worked at Bosch where he helped develop anti-breaking system and engine control; Nielsen has lead joint research projects with Scania AB, Mecel AB, Saab Automobile AB, Volvo AB, Fiat GM Powertrain AB, and DaimlerChrysler. Reflecting the trend to optimization through integrative approaches for engine, driveline and vehicle control, this valuable book enables control engineers to understand engine and vehicle models necessary for controller design and also introduces mechanical engineers to vehicle-specific signal processing and automatic control. Emphasis on measurement, comparisons between performance and modelling, and realistic examples derive from the authors' unique industrial experience . The second edition offers new or expanded topics such as diesel-engine modelling, diagnosis and anti-jerking control, and vehicle modelling and parameter estimation. With only a few exceptions, the

approaches **Search Engines Information Retrieval in Practice** [Addison-Wesley Professional](#) **Search Engines: Information Retrieval in Practice** is ideal for introductory information retrieval courses at the undergraduate and graduate level in computer science, information science and computer engineering departments. It is also a valuable tool for search engine and information retrieval professionals. Written by a leader in the field of information retrieval, **Search Engines: Information Retrieval in Practice**, is designed to give undergraduate students the understanding and tools they need to evaluate, compare and modify search engines. Coverage of the underlying IR and mathematical models reinforce key concepts. The book's numerous programming exercises make extensive use of Galago, a Java-based open source search engine. **Handbook of Thermal Management of Engines** [Springer Nature](#) This handbook deals with the vast subject of thermal management of engines and vehicles by applying the state of the art research to diesel and natural gas engines. The contributions from global experts focus on management, generation, and retention of heat in after-treatment and exhaust systems for light-off of NOx, PM, and PN catalysts during cold start and city cycles as well as operation at ultralow temperatures. This book will be of great interest to those in academia and industry involved in the design and development of advanced diesel and CNG engines satisfying the current and future emission standards. **Pride and Prejudice The Little Engine That Could** [Penguin](#) The special anniversary edition of *The Little Engine That Could™* contains the entire text and original artwork. Young readers, as well as parents and grandparents, will treasure the story of the blue locomotive who exemplifies the power of positive thinking. **Deep Learning for Search** [Simon and Schuster](#) **Summary Deep Learning for Search** teaches you how to improve the effectiveness of your search by implementing neural network-based techniques. By the time you're finished with the book, you'll be ready to build amazing search engines that deliver the results your users need and that get better as time goes on! Foreword by Chris Mattmann. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. **About the Technology** Deep learning handles the toughest search challenges, including imprecise search terms, badly indexed data, and retrieving images with minimal metadata. And with modern tools like DL4J and TensorFlow, you can apply powerful DL techniques without a deep background in data science or natural language processing (NLP). This book will show you how. **About the Book** Deep Learning for Search teaches you to improve your search results with neural networks. You'll review how DL relates to search basics like indexing and ranking. Then, you'll walk through in-depth examples to upgrade your search with DL techniques using Apache Lucene and Deeplearning4j. As the book progresses, you'll explore advanced topics like searching through images, translating user queries, and designing search engines that improve as they learn! **What's inside** Accurate and relevant rankings Searching across languages Content-based image search Search with recommendations **About the Reader** For developers comfortable with Java or a similar language and search basics. No experience with deep learning or NLP needed. **About the Author** Tommaso Teofili is a software engineer with a passion for open source and machine learning. As a member of the Apache Software Foundation, he contributes to a number of open source projects, ranging from topics like information retrieval (such as Lucene and Solr) to natural language processing and machine translation (including OpenNLP, Joshua, and UIMA). He currently works at Adobe, developing search and indexing infrastructure components, and researching the areas of natural language processing, information retrieval, and deep learning. He has presented search and machine learning talks at conferences including BerlinBuzzwords, International Conference on Computational Science, ApacheCon, EclipseCon, and others. You can find him on Twitter at @tteofili. **Table of Contents** PART 1 - SEARCH MEETS DEEP LEARNING Neural search Generating synonyms PART 2 - THROWING NEURAL NETS AT A SEARCH ENGINE From plain retrieval to text generation More-sensitive query suggestions Ranking search results with word embeddings Document embeddings for rankings and recommendations PART 3 - ONE STEP BEYOND Searching across languages Content-based image search A peek at performance **Vehicle Dynamics and Control** [Springer Science & Business Media](#) **Vehicle Dynamics and Control** provides a comprehensive coverage of vehicle control systems and the dynamic models used in the development of these control systems. The control system applications covered in the book include cruise control, adaptive cruise control, ABS, automated lane keeping, automated highway systems, yaw stability control, engine control, passive, active and semi-active suspensions, tire-road friction coefficient estimation, rollover prevention, and hybrid electric vehicles. In developing the dynamic model for each application, an effort is made to both keep the model simple enough for control system design but at the same time rich enough to capture the essential features of the dynamics. A special effort has been made to explain the several different tire models commonly used in literature and to interpret them physically. In the second edition of the book, chapters on roll dynamics, rollover prevention and hybrid electric vehicles have been added, and the chapter on electronic stability control has been enhanced. The use of feedback control systems on automobiles is growing rapidly. This book is intended to serve as a useful resource to researchers who work on the development of such control systems, both in the automotive industry and at universities. The book can also serve as a textbook for a graduate level course on Vehicle Dynamics and Control. **The Eagle and the Dragon** **Globalization and European Dreams of Conquest in China and America in the Sixteenth Century** [John Wiley & Sons](#) In this important new book the renowned historian Serge Gruzinski returns to two episodes in the sixteenth century which mark a decisive stage in global history and show how China and Mexico experienced the expansion of Europe. In the early 1520s, Magellan set sail for Asia by the Western route, Cortes seized Mexico and some Portuguese based in Malacca dreamed of colonizing China. The Aztec Eagle was destroyed but the Chinese Dragon held strong and repelled the invaders - after first seizing their cannon. For the first time, people from three continents encountered one other, confronted one other and their lives became entangled. These events were of great interest to contemporaries and many people at the time grasped the magnitude of what was going on around them. The Iberians succeeded in America and failed in China. The New World became inseparable from the Europeans who were to conquer it, while the Celestial Empire became, for a long time to come, an unattainable goal. Gruzinski explores this encounter between civilizations that were different from one another but that already fascinated contemporaries, and he shows that our world today bears the mark of this distant

age. For it was in the sixteenth century that human history began to be played out on a global stage. It was then that connections between different parts of the world began to accelerate, not only between Europe and the Americas but also between Europe and China. This is what is revealed by a global history of the sixteenth century, conceived as another way of reading the Renaissance, less Eurocentric and more in tune with our age.

Chemical Information for Chemists A Primer [Royal Society of Chemistry](#) This book is a chemical information book aimed specifically at practicing chemists. Useful for students on undergraduate and graduate courses, it could also be a guide to new information specialists who are facing the challenging diversity of chemical literature.

Biomechanics and Motor Control of Human Movement [John Wiley & Sons](#) The classic book on human movement in biomechanics, newly updated Widely used and referenced, David Winter's **Biomechanics and Motor Control of Human Movement** is a classic examination of techniques used to measure and analyze all body movements as mechanical systems, including such everyday movements as walking. It fills the gap in human movement science area where modern science and technology are integrated with anatomy, muscle physiology, and electromyography to assess and understand human movement. In light of the explosive growth of the field, this new edition updates and enhances the text with: Expanded coverage of 3D kinematics and kinetics New materials on biomechanical movement synergies and signal processing, including auto and cross correlation, frequency analysis, analog and digital filtering, and ensemble averaging techniques Presentation of a wide spectrum of measurement and analysis techniques Updates to all existing chapters Basic physical and physiological principles in capsule form for quick reference An essential resource for researchers and student in kinesiology, bioengineering (rehabilitation engineering), physical education, ergonomics, and physical and occupational therapy, this text will also provide valuable to professionals in orthopedics, muscle physiology, and rehabilitation medicine. In response to many requests, the extensive numerical tables contained in Appendix A: "Kinematic, Kinetic, and Energy Data" can also be found at the following Web site: www.wiley.com/go/biomechanics

Entity-Oriented Search [Springer](#) This open access book covers all facets of entity-oriented search—where “search” can be interpreted in the broadest sense of information access—from a unified point of view, and provides a coherent and comprehensive overview of the state of the art. It represents the first synthesis of research in this broad and rapidly developing area. Selected topics are discussed in-depth, the goal being to establish fundamental techniques and methods as a basis for future research and development. Additional topics are treated at a survey level only, containing numerous pointers to the relevant literature. A roadmap for future research, based on open issues and challenges identified along the way, rounds out the book. The book is divided into three main parts, sandwiched between introductory and concluding chapters. The first two chapters introduce readers to the basic concepts, provide an overview of entity-oriented search tasks, and present the various types and sources of data that will be used throughout the book. Part I deals with the core task of entity ranking: given a textual query, possibly enriched with additional elements or structural hints, return a ranked list of entities. This core task is examined in a number of different variants, using both structured and unstructured data collections, and numerous query formulations. In turn, Part II is devoted to the role of entities in bridging unstructured and structured data. Part III explores how entities can enable search engines to understand the concepts, meaning, and intent behind the query that the user enters into the search box, and how they can provide rich and focused responses (as opposed to merely a list of documents)—a process known as semantic search. The final chapter concludes the book by discussing the limitations of current approaches, and suggesting directions for future research. Researchers and graduate students are the primary target audience of this book. A general background in information retrieval is sufficient to follow the material, including an understanding of basic probability and statistics concepts as well as a basic knowledge of machine learning concepts and supervised learning algorithms.

International Journal of Turbo & Jet-engines Search Patterns Design for Discovery ["O'Reilly Media, Inc."](#) What people are saying about Search Patterns "Search Patterns is a delight to read -- very thoughtful and thought provoking. It's the most comprehensive survey of designing effective search experiences I've seen." --Irene Au, Director of User Experience, Google "I love this book! Thanks to Peter and Jeffery, I now know that search (yes, boring old yucky who cares search) is one of the coolest ways around of looking at the world." --Dan Roam, author, *The Back of the Napkin* (Portfolio Hardcover) "Search Patterns is a playful guide to the practical concerns of search interface design. It contains a bonanza of screenshots and illustrations that capture the best of today's design practices and presents a fresh perspective on the broader role of search and discovery." --Marti Hearst, Professor, UC Berkeley and author, *Search User Interfaces* (Cambridge University Press) "It's not often I come across a book that asks profound questions about a fundamental human activity, and then proceeds to answer those questions with practical observations and suggestions. Search Patterns is an expedition into the heart of the web and human cognition, and for me it was a delightful journey that delivered scores of insights." --Dave Gray, Founder and Chairman, XPLANE "Search is swiftly transforming everything we know, yet people don't understand how mavens design search: by stacking breadcrumbs, scenting widgets, and keeping eyeballs on the engine. I urge you to put your eyeballs on this unique and important book." --Bruce Sterling, Writer, Futurist, and Co-Founder, The Electronic Frontier Foundation "As one who searches a lot (and often ends up frustrated), Search Patterns is a revelation." --Nigel Holmes, Designer, Theorist, and Principal, Explanation Graphics "Search Patterns is a fabulous must-have book! Inside, you'll learn the whys and wheres of practically every modern search design trick and technique." --Jared Spool, CEO and Founder, User Interface Engineering

Search is among the most disruptive innovations of our time. It influences what we buy and where we go. It shapes how we learn and what we believe. In this provocative and inspiring book, you'll explore design patterns that apply across the categories of web, ecommerce, enterprise, desktop, mobile, social, and real-time search and discovery. Filled with colorful illustrations and examples, Search Patterns brings modern information retrieval to life, covering such diverse topics as relevance, faceted navigation, multi-touch, personalization, visualization, multi-sensory search, and augmented reality. By drawing on their own experience—as well as best practices and evidence-based research—the authors not only offer a practical guide to help you build effective search applications, they also

challenge you to imagine the future of discovery. You'll find Search Patterns intriguing and invaluable, whether you're a web practitioner, mobile designer, search entrepreneur, or just interested in the topic. Discover a pattern language for search that embraces user psychology and behavior, information architecture, interaction design, and emerging technology Boost enterprise efficiency and e-commerce sales Enable mobile users to achieve goals, complete tasks, and find what they need Drive design innovation for search interfaces and applications Game Engine Black Book Wolfenstein 3D [Software Wizards](#) How was Wolfenstein 3D made and what were the secrets of its speed? How did id Software manage to turn a machine designed to display static images for word processing and spreadsheet applications into the best gaming platform in the world, capable of running games at seventy frames per seconds? If you have ever asked yourself these questions, Game Engine Black Book is for you. This is an engineering book. You will not find much prose in here (the author's English is broken anyway.) Instead, this book has only bit of text and plenty of drawings attempting to describe in great detail the Wolfenstein 3D game engine and its hardware, the IBM PC with an Intel 386 CPU and a VGA graphic card. Game Engine Black Book details techniques such as raycasting, compiled scalars, deferred rendition, VGA Mode-Y, linear feedback shift register, fixed point arithmetic, pulse width modulation, runtime generated code, self-modifying code, and many others tricks. Open up to discover the architecture of the software which pioneered the First Person Shooter genre.