

# *Read Free Langenscheidt German Grammar In A Nutshell Read Pdf Free*

*Celestial Navigation in a Nutshell Sep 03 2020 Hewitt Schlereth is a writer and sailing enthusiast.*

*Immigration Law and Procedure in a Nutshell Dec 06 2020 This compact, comprehensive title offers a thorough overview of the history, constitutional basis, statutory structure, regulatory provisions, administrative procedure, and ethical principles related to immigration law and practice. Updated to reflect developments since the 2016 Presidential election, it is valuable both as a teaching and a practice reference.*

*Python in a Nutshell Dec 30 2022 Demonstrates the programming language's strength as a Web development tool, covering syntax, data types, built-ins, the Python standard module library, and real world examples.*

*PHP in a Nutshell Jun 12 2021 Now installed on more than 20 million Internet domains around the world, PHP is an undisputed leader in web programming languages. Database connectivity, powerful extensions, and rich object-orientation are all reasons for its popularity, but nearly everyone would agree that, above all, PHP is one of the easiest languages to learn and use for developing dynamic web applications. The ease of development and simplicity of PHP, combined with a large community and expansive repository of open source PHP libraries, make it a favorite of web designers and developers worldwide. PHP in a Nutshell is a complete reference to the core of the language as well as the most popular PHP extensions. This book doesn't try to compete with or replace the widely available online documentation. Instead, it is designed to provide depth and breadth that can't be found elsewhere. PHP in a Nutshell provides the maximum information density on PHP, without all the fluff and extras that get in the way. The topic grouping, tips, and examples in this book complement the online guide and make this an essential reference for every PHP programmer. This book*

*focuses on the functions commonly used by a majority of developers, so you can look up the information you need quickly. Topics include: Object-oriented PHP Networking String manipulation Working with files Database interaction XML Multimedia creation Mathematics Whether you're just getting started or have years of experience in PHP development, PHP in a Nutshell is a valuable addition to your desk library.*

*The Universe in a Nutshell Feb 08 2021 Stephen Hawking's phenomenal, multimillion-copy bestseller, A Brief History of Time, introduced the ideas of this brilliant theoretical physicist to readers all over the world. Now, in a major publishing event, Hawking returns with a lavishly illustrated sequel that unravels the mysteries of the major breakthroughs that have occurred in the years since the release of his acclaimed first book. The Universe in a Nutshell • Quantum mechanics • M-theory • General relativity • 11-dimensional supergravity • 10-dimensional membranes • Superstrings • P-branes • Black holes One of the most influential thinkers of our time, Stephen Hawking is an intellectual icon, known not only for the adventurousness of his ideas but for the clarity and wit with which he expresses them. In this new book Hawking takes us to the cutting edge of theoretical physics, where truth is often stranger than fiction, to explain in laymen's terms the principles that control our universe. Like many in the community of theoretical physicists, Professor Hawking is seeking to uncover the grail of science — the elusive Theory of Everything that lies at the heart of the cosmos. In his accessible and often playful style, he guides us on his search to uncover the secrets of the universe — from supergravity to supersymmetry, from quantum theory to M-theory, from holography to duality. He takes us to the wild frontiers of science, where superstring theory and p-branes may hold the final clue to the puzzle. And he lets us behind the scenes of one of his most exciting intellectual adventures as he seeks "to combine Einstein's General Theory of Relativity and Richard Feynman's idea of multiple histories into one complete unified theory that will describe everything that happens in the universe." With characteristic exuberance, Professor Hawking invites us to be*

*fellow travelers on this extraordinary voyage through space-time. Copious four-color illustrations help clarify this journey into a surreal wonderland where particles, sheets, and strings move in eleven dimensions; where black holes evaporate and disappear, taking their secret with them; and where the original cosmic seed from which our own universe sprang was a tiny nut. The Universe in a Nutshell is essential reading for all of us who want to understand the universe in which we live. Like its companion volume, A Brief History of Time, it conveys the excitement felt within the scientific community as the secrets of the cosmos reveal themselves.*

*R in a Nutshell Aug 26 2022 Presents a guide to the R computer language, covering such topics as the user interface, packages, syntax, objects, functions, object-oriented programming, data sets, lattice graphics, regression models, and bioconductor.*

*C++ In a Nutshell Nov 05 2020 C++ is a powerful, highly flexible, and adaptable programming language that allows software engineers to organize and process information quickly and effectively. This is a complete reference to C++.*

*Java in a Nutshell May 23 2022 This updated edition of Java in a Nutshell not only helps experienced Java programmers get the most out of Java versions 9 through 11, it's also a learning path for new developers. Chock full of examples that demonstrate how to take complete advantage of modern Java APIs and development best practices, this thoroughly revised book includes new material on Java Concurrency Utilities. The book's first section provides a fast-paced, no-fluff introduction to the Java programming language and the core runtime aspects of the Java platform. The second section is a reference to core concepts and APIs that explains how to perform real programming work in the Java environment. Get up to speed on language details, including Java 9-11 changes Learn object-oriented programming, using basic Java syntax Explore generics, enumerations, annotations, and lambda expressions Understand basic techniques used in object-oriented design Examine concurrency and memory, and how they're intertwined Work with Java collections and handle common data formats Delve into Java's*

latest I/O APIs, including asynchronous channels Use Nashorn to execute JavaScript on the Java Virtual Machine Become familiar with development tools in OpenJDK

Positive Psychology In A Nutshell: The Science Of Happiness

Nov 24 2019 "The best general introduction to positive psychology available." Dr Alex Linley, University of Leicester, UK "Dr Ilona Boniwell is recognized as Europe's leading researcher, innovator and thinker in the expanding world of positive psychology. Positive Psychology in a Nutshell offers something for everyone with an interest in discovering how to live optimally. This brilliant little book is packed with scientific evidence identifying the key ingredients that help to create a happy life. Read it and learn how to change yours for the better." Dr Cecilia d'Felice, Consultant Psychologist, Author and Columnist for The Times and The Metro "Positive Psychology in a Nutshell is a little gem of a book, beautifully and engagingly written, and having the marks of a cogent teacher who has mastered the contemporary structure, bounds and outreach of her field. This is a 'must read', and a welcome antidote for all those engaged in the caring professions." Richard Whitfield, Human Development Specialist, Educator, Poet and Chairman of Trustees of the Face-to-Face Trust "As good an introduction to positive psychology as you can read. A must-read book for all those involved in the education and health industries." Dr Anthony Seldon, Master, Wellington College, Berkshire, UK "Positive Psychology in a Nutshell is a comprehensive, user friendly, thoughtful introduction and critique of the field. Simply put, it is the best overview out there that can be read in a couple of sittings. Those with no psychology background find it fascinating and informative; those with serious credentials find it to be a credible overview and critique of the field." Dr Carol Kauffman, Co-founder and Director of the Coaching and Positive Psychology Initiative, Harvard Medical School, USA "In a nutshell, I could scarcely put down this intelligent, balanced and irresistible introduction to positive psychology!" Dr Sean Cameron, Co-Director, Practitioner Doctorate in Educational Psychology, University College London, UK "It is very readable, seductively so, and is no doubt as good

*an introduction to the subject as you can get ... Emotional wellbeing is complex and there are useful insights here to shore up the flabby phrases tossed around by politicians ... There are some parts of this book I will use and anyone who wants to find out about positive psychology should start here." Mike Shooter is a child psychiatrist and President of BACP, UK When you hear the words 'positive psychology' or 'the science of well-being', do you wonder what it's all about? 'What makes us fulfilled?' and 'Is happiness necessary for a good life?' Discover the latest thinking on the topics of happiness, flow, optimism, motivation, character strengths and love, and learn how to apply it to your life. Ilona Boniwell presents an engaging overview of the science of optimal functioning and well-being, which combines real readability with a broad academic base applied to day-to-day life. Now fully updated and enhanced with new material on how to: Change your mindset Practice mindfulness Develop better resilience Enhance your well-being at work Adopt positive leadership Introducing positive psychology in a friendly, straightforward way, this international bestseller is peppered with many simple tools and tips for daily living that will help you love your life.*

*C in a Nutshell Mar 09 2021 With the new edition of this classic book, you'll learn the 2011 standard C language in easy, exact terms. Every C programmer who needs to know the effects of an unfamiliar function, or to understand how the standard requires it to behave, can find it here. The book is also a convenient way to explore the concepts of the language, including recently added features. Covers the current version of one of the most important programming languages Comprehensive yet easy to search through and read New edition includes multithreading and an introduction to IDEs Covers building and debugging*

*Oracle in a Nutshell Apr 29 2020 Oracle Languages - Syntax summary for SQL language statements, SQL function calls PL/SQL language statements and characteristics, PL/SQL built-in package headers, and Java (JDBC and SQLJ) interfaces to the Oracle database.*

*VB & VBA in a Nutshell: The Language Sep 15 2021 Collects and defines the programming languages' statements, procedures, and*

*functions, covering syntax, standard code conventions, differences of operation, data type, undocumented behaviors, and practical applications*

*Administrative Law and Process in a Nutshell Oct 04 2020 This book offers a concise, knowledgeable guide to administrative law. In straightforward, readable prose, the authors not only summarize the dominant statutes and case law in the area, but also discuss informal administrative processes and the background realities of the regulatory state. Students can use the book as a complement to any major casebook, and practitioners will also find it an excellent brief introduction to this complex and important subject.*

*Happiness in a Nutshell Apr 10 2021 The hugely popular pocket book featuring Andrew Matthews' favorite sayings and cartoons.*

*Condensed Matter in a Nutshell Jul 13 2021 An introduction to the area of condensed matter in a nutshell. This textbook covers the standard topics, including crystal structures, energy bands, phonons, optical properties, ferroelectricity, superconductivity, and magnetism.*

*VBScript in a Nutshell Jan 19 2022 The second edition of this concise guide to VBScript includes additional chapters and a complete reference that has been fully updated to cover all aspects of the latest version of the software. The book will make a useful addition to the desk of all Web application developers and system administrators.*

*German grammar in a nutshell Sep 22 2019 Comprehensive German grammar reference course with examples, exercises, illustrations and answers. Suitable for self-study, building vocabulary, and developing reading, writing and grammar skills.*

*In a Nutshell Sep 27 2022 An acorn grows into a mighty oak, helps sustain other life, and eventually dies and continues to give life to others.*

*Webmaster in a Nutshell Oct 24 2019 Details a variety of front-end technologies and techniques and reviews Web design fundamentals while explaining how to work with HTML, graphics, and multimedia and interactive applications.*

*International Taxation in a Nutshell Mar 29 2020 This Nutshell,*

*which provides an introduction to U.S. international taxation useful to both U.S. and non-U.S. students and practitioners interested in the topic, has been revised and updated to address the fundamental changes to the U.S. international tax rules introduced by the 2017 tax act, including interpretive regulatory guidance. It also includes discussion of interaction between U.S. tax rules and global tax changes brought about by recent OECD developments as they affect U.S. taxpayers. In addition to providing a survey of the technical rules, the book also offers insight into tax planning considerations and how these have been altered by recent U.S. and global developments. Both the U.S. activities of foreign taxpayers, as well as the foreign activities of U.S. taxpayers are explored. In today's world, it is crucial for those involved in business and investment activities to understand the tax consequences that impact cross-border flows. The authors' careers span both the academic and private sectors, and they have used their experiences to distill the complexities of real-world tax considerations into a clearly written, straight-forward presentation of the key international tax concepts.*

*In a Nutshell Oct 28 2022 An acorn grows into a mighty oak, helps sustain other life, and eventually dies and continues to give life to others.*

*Algorithms in a Nutshell Jan 27 2020 This book provides efficient code solutions in several programming languages that you can easily adapt to a specific project. Each major algorithm is presented in the style of a design pattern that includes information to help you understand why and when the algorithm is appropriate.*

*Perl Mar 21 2022 This complete guide to the Perl programming language ranges widely through the Perl programmer's universe, gathering together in a convenient form a wealth of information about Perl itself and its application to CGI scripts, XML processing, network programming, database interaction, and graphical user interfaces. The book is an ideal reference for experienced Perl programmers and beginners alike. With more than a million dedicated programmers, Perl is proving to be the best language for the latest trends in computing and business,*

including network programming and the ability to create and manage web sites. It's a language that every Unix system administrator and serious web developer needs to know. In the past few years, Perl has found its way into complex web applications of multinational banks, the U.S. Federal Reserve, and hundreds of large corporations. In this second edition, "Perl in a Nutshell" has been expanded to include coverage of Perl 5.8, with information on Unicode processing in Perl, new functions and modules that have been added to the core language, and up-to-date details on running Perl on the Win32 platform. The book also covers Perl modules for recent technologies such as XML and SOAP. Here are just some of the topics contained in this book:

Basic Perl reference  
Quick reference to built-in functions and standard modules  
CGI.pm and mod\_perl  
XML::\* modules  
DBI, the database-independent API for Perl  
Sockets programming  
LWP, the library for Web programming in Perl  
Network programming with the Net modules  
Perl/Tk, the Tk extension to Perl for graphical interfaces  
Modules for interfacing with Win32 systems

As part of the successful "in a Nutshell" book series from O'Reilly & Associates, "Perl in a Nutshell" is for readers who want a single reference for all their needs. "In a nutshell, Perl is designed to make the easy jobs easy, without making the hard jobs impossible." -- Larry Wall, creator of Perl

Family Law in a Nutshell Oct 16 2021 Few areas of law practice cover as many issues as family law. The subject embraces marriage and divorce, annulment, custody of children, spousal and child support, complex property issues, paternity, domestic violence, adoption, and alternative means of reproduction. Each of these topics itself is complex. For example, within the broad subject of child custody lie the issues of interstate move away cases, international parental child abduction, and the impact of domestic violence on a parent's right to custody or visitation. In addition to purely legal issues, family law has a large psychological component, touching on some of the most important and sensitive aspects of human nature and interaction, such as, what is a family, what are the rights and responsibilities of parents toward children, and how should society respond to



*child abuse and domestic violence? All of these issues, and more, are discussed in this Nutshell. The book provides a thorough introduction to this challenging field of practice.*

*Jini in a Nutshell Aug 02 2020 A comprehensive guide to Jini--the set of Java classes and services allowing seamless interaction between network devices and services--covers setting up the programming environment, basic and advanced programming, utilities, and system security*

*Unix in a Nutshell Nov 29 2022 A guide to the operating system's commands and options covers the shell, package management, text editing, source code management, and GDB debugger.*

*Criminal Law in a Nutshell Aug 14 2021 This guide helps you gain an overview of and develop perspective on the area of criminal law. It is organized into eight sections for quick reference. Expert discussion explores punishment, specific crimes, and the ingredients of a crime such as mens rea and actus reus. Other topics covered include special defenses, the burden of proof, and inchoate and group criminality. It also reflects on the limitations of criminal law.*

*The Universe in a Nutshell Dec 18 2021 Stephen Hawking's phenomenal, multimillion-copy bestseller, A Brief History of Time, introduced the ideas of this brilliant theoretical physicist to readers all over the world. Now, in a major publishing event, Hawking returns with a lavishly illustrated sequel that unravels the mysteries of the major breakthroughs that have occurred in the years since the release of his acclaimed first book. The Universe in a Nutshell • Quantum mechanics • M-theory • General relativity • 11-dimensional supergravity • 10-dimensional membranes • Superstrings • P-branes • Black holes One of the most influential thinkers of our time, Stephen Hawking is an intellectual icon, known not only for the adventurousness of his ideas but for the clarity and wit with which he expresses them. In this new book Hawking takes us to the cutting edge of theoretical physics, where truth is often stranger than fiction, to explain in laymen's terms the principles that control our universe. Like many in the community of theoretical physicists, Professor*

*Hawking is seeking to uncover the grail of science — the elusive Theory of Everything that lies at the heart of the cosmos. In his accessible and often playful style, he guides us on his search to uncover the secrets of the universe — from supergravity to supersymmetry, from quantum theory to M-theory, from holography to duality. He takes us to the wild frontiers of science, where superstring theory and p-branes may hold the final clue to the puzzle. And he lets us behind the scenes of one of his most exciting intellectual adventures as he seeks “to combine Einstein’s General Theory of Relativity and Richard Feynman’s idea of multiple histories into one complete unified theory that will describe everything that happens in the universe.” With characteristic exuberance, Professor Hawking invites us to be fellow travelers on this extraordinary voyage through space-time. Copious four-color illustrations help clarify this journey into a surreal wonderland where particles, sheets, and strings move in eleven dimensions; where black holes evaporate and disappear, taking their secret with them; and where the original cosmic seed from which our own universe sprang was a tiny nut. The Universe in a Nutshell is essential reading for all of us who want to understand the universe in which we live. Like its companion volume, A Brief History of Time, it conveys the excitement felt within the scientific community as the secrets of the cosmos reveal themselves.*

*Nuclear Physics in a Nutshell Nov 17 2021 Nuclear Physics in a Nutshell provides a clear, concise, and up-to-date overview of the atomic nucleus and the theories that seek to explain it. Bringing together a systematic explanation of hadrons, nuclei, and stars for the first time in one volume, Carlos A. Bertulani provides the core material needed by graduate and advanced undergraduate students of physics to acquire a solid understanding of nuclear and particle science. Nuclear Physics in a Nutshell is the definitive new resource for anyone considering a career in this dynamic field. The book opens by setting nuclear physics in the context of elementary particle physics and then shows how simple models can provide an understanding of the properties of nuclei, both in their ground states and excited states, and also of*

*the nature of nuclear reactions. It then describes: nuclear constituents and their characteristics; nuclear interactions; nuclear structure, including the liquid-drop model approach, and the nuclear shell model; and recent developments such as the nuclear mean-field and the nuclear physics of very light nuclei, nuclear reactions with unstable nuclear beams, and the role of nuclear physics in energy production and nucleosynthesis in stars. Throughout, discussions of theory are reinforced with examples that provide applications, thus aiding students in their reading and analysis of current literature. Each chapter closes with problems, and appendixes address supporting technical topics.*

*Immune Jul 25 2022 \*\*A Sunday Times and New York Times bestseller\*\* Out now: The bestselling book from the creator of the wildly popular science YouTube channel, Kurzgesagt - In a Nutshell, a gorgeously illustrated deep dive into the immune system that will change how you think about your body forever. Please note: the originally supplied fixed format edition of the eBook has now been replaced to address difficulties experienced by some readers. Please delete the previous version from your device and download the new edition. \_\_\_\_\_ 'A truly brilliant introduction to the human body's vast system for fighting infections and other threats' JOHN GREEN, #1 New York Times bestselling author of The Fault in Our Stars 'Reads as if it's a riveting sci-fi novel . . . a delightful treat for the curious' TIM URBAN, creator of Wait But Why \_\_\_\_\_ You wake up and feel a tickle in your throat. Your head hurts. You're mildly annoyed as you get the kids ready for school and dress for work yourself. Meanwhile, an utterly epic war is being fought, just below your skin. Millions are fighting and dying for you to be able to complain as you drink your cup of tea and head out the door. So what, exactly, IS your immune system? Second only to the human brain in its complexity, it is one of the oldest and most critical facets of life on Earth. Without it, you would die within days. In Immune, Philipp Dettmer, the brains behind the most popular science channel on YouTube, takes readers on a journey through the fortress of the human body and its defences. There is a*

*constant battle of staggering scale raging within us, full of stories of invasion, strategy, defeat, and noble self-sacrifice. In fact, in the time you've been reading this, your immune system has probably identified and eradicated a cancer cell that started to grow in your body. Each chapter delves deeply into an element of the immune system, including defences like antibodies and inflammation as well as threats like viruses, bacteria, allergies and cancer, as Dettmer reveals why boosting your immune system is actually nonsense, how parasites sneak their way past your body's defences, how viruses - including the coronavirus - work, and what goes on in your wounds when you cut yourself. Enlivened by engaging full-colour graphics and immersive descriptions, Immune turns one of the most intricate, interconnected, and confusing subjects - immunology - into a gripping adventure through an astonishing alien landscape. Challenging what you know and think about your own body and how it defends you against all sorts of maladies and how it might also eventually be your own downfall, Immune is a vital and remarkably fun crash course in what is arguably, and increasingly, the most important system in the body.*

*Cognitive Therapy in a Nutshell Jul 01 2020 Cognitive therapy is one of the most widely used approaches within counseling and psychotherapy today. As such, there is a wealth of literature to offer the newcomer, which can sometimes be overwhelming for those seeking an initial understanding of the approach. Cognitive Therapy in a Nutshell solves this problem by providing the key elements of cognitive therapy theory and practice in a very concise and accessible way. This nook offers clear explanations of the fundamental models used to treat clients including the information-processing model, and the three cognitive levels examined during therapy - automatic thoughts, underlying assumptions/rules, and core beliefs (schemas). The authors also provide a valuable case study of a client with social phobia to demonstrate how cognitive therapy works in action.*

*Python in a Nutshell Apr 22 2022 Demonstrates the programming language's strength as a Web development tool, covering syntax, data types, built-ins, the Python standard*

*module library, and real world examples.*

*Sculling in a Nutshell Aug 22 2019 Technical Book on Sculling and Sweep Rowing for Beginners to Elite from the perspective of Stability and the Preservation of Momentum with sections on Drills and General Rowing Topics*

*Construction Law in a Nutshell Feb 26 2020 This book provides a comprehensive survey of the major legal issues that arise in the course of a construction project. The structure of the book first focuses on the major participants on a project and the relationships and interests of each of participant. It then shifts to chapters on recurring themes in construction law such as the economic loss rule, calculation of damages, and defective construction. While making the concepts accessible for any reader, the book provides a logical structure for those teaching construction law to use as either the primary or supplemental reading for the course. The second edition, in addition to adding new substantive material and case examples, is also updated to reference the 2017 revisions to the AIA construction documents.*

*Linux in a Nutshell Jan 07 2021 Over the last few years, Linux has grown both as an operating system and a tool for personal and business use. Simultaneously becoming more user friendly and more powerful as a back-end system, Linux has achieved new plateaus: the newer filesystems have solidified, new commands and tools have appeared and become standard, and the desktop--including new desktop environments--have proved to be viable, stable, and readily accessible to even those who don't consider themselves computer gurus. Whether you're using Linux for personal software projects, for a small office or home office (often termed the SOHO environment), to provide services to a small group of colleagues, or to administer a site responsible for millions of email and web connections each day, you need quick access to information on a wide range of tools. This book covers all aspects of administering and making effective use of Linux systems. Among its topics are booting, package management, and revision control. But foremost in Linux in a Nutshell are the utilities and commands that make Linux one of the most powerful and flexible systems available. Now in its fifth edition, Linux in a*

*Nutshell brings users up-to-date with the current state of Linux. Considered by many to be the most complete and authoritative command reference for Linux available, the book covers all substantial user, programming, administration, and networking commands for the most common Linux distributions. Comprehensive but concise, the fifth edition has been updated to cover new features of major Linux distributions. Configuration information for the rapidly growing commercial network services and community update services is one of the subjects covered for the first time. But that's just the beginning. The book covers editors, shells, and LILO and GRUB boot options. There's also coverage of Apache, Samba, Postfix, sendmail, CVS, Subversion, Emacs, vi, sed, gawk, and much more. Everything that system administrators, developers, and power users need to know about Linux is referenced here, and they will turn to this book again and again.*

*Energy Law in a Nutshell Dec 26 2019 This title addresses the component parts of the energy fuel cycle, as well as the market and government policies that oversee it. This Nutshell describes in detail the country's traditional energy policy and also discusses the current challenges that confront it. Chapters cover the individual natural resources used to produce energy and the book concludes with the development of a clean energy policy for the future.*

*Linux in a Nutshell May 31 2020 Everything you need to know about Linux is in this book. Written by Stephen Figgins, Ellen Siever, Robert Love, and Arnold Robbins -- people with years of active participation in the Linux community -- Linux in a Nutshell, Sixth Edition, thoroughly covers programming tools, system and network administration tools, the shell, editors, and LILO and GRUB boot loaders. This updated edition offers a tighter focus on Linux system essentials, as well as more coverage of new capabilities such as virtualization, wireless network management, and revision control with git. It also highlights the most important options for using the vast number of Linux commands. You'll find many helpful new tips and techniques in this reference, whether you're new to this operating system or have*

*been using it for years. Get the Linux commands for system administration and network management Use hundreds of the most important shell commands available on Linux Understand the Bash shell command-line interpreter Search and process text with regular expressions Manage your servers via virtualization with Xen and VMware Use the Emacs text editor and development environment, as well as the vi, ex, and vim text-manipulation tools Process text files with the sed editor and the gawk programming language Manage source code with Subversion and git*

*Astrophysics in a Nutshell Jun 24 2022 The ideal one-semester astrophysics introduction for science undergraduates—now expanded and fully updated Winner of the American Astronomical Society's Chambliss Award, Astrophysics in a Nutshell has become the text of choice in astrophysics courses for science majors at top universities in North America and beyond. In this expanded and fully updated second edition, the book gets even better, with a new chapter on extrasolar planets; a greatly expanded chapter on the interstellar medium; fully updated facts and figures on all subjects, from the observed properties of white dwarfs to the latest results from precision cosmology; and additional instructive problem sets. Throughout, the text features the same focused, concise style and emphasis on physics intuition that have made the book a favorite of students and teachers. Written by Dan Maoz, a leading active researcher, and designed for advanced undergraduate science majors, Astrophysics in a Nutshell is a brief but thorough introduction to the observational data and theoretical concepts underlying modern astronomy. Generously illustrated, it covers the essentials of modern astrophysics, emphasizing the common physical principles that govern astronomical phenomena, and the interplay between theory and observation, while also introducing subjects at the forefront of modern research, including black holes, dark matter, dark energy, and gravitational lensing. In addition to serving as a course textbook, Astrophysics in a Nutshell is an ideal review for a qualifying exam and a handy reference for teachers and researchers. The most concise and current astrophysics textbook*

*for science majors—now expanded and fully updated with the latest research results Contains a broad and well-balanced selection of traditional and current topics Uses simple, short, and clear derivations of physical results Trains students in the essential skills of order-of-magnitude analysis Features a new chapter on extrasolar planets, including discovery techniques Includes new and expanded sections and problems on the physics of shocks, supernova remnants, cosmic-ray acceleration, white dwarf properties, baryon acoustic oscillations, and more Contains instructive problem sets at the end of each chapter Solutions manual (available only to professors)*

*ISLAMIC LAW IN A NUTSHELL. May 11 2021 This Nutshell discusses the manner in which Islamic law is applied and adjudicated in modern states. This includes the enactment of legislation derived from Islamic law, the drafting of contracts to comply with Islamic law, and the adjudication of Islamic law disputes in courts in Muslim and non-Muslim majority nations, including the United States. Subject areas include family law, inheritance law, Islamic finance, criminal law, constitutional law, and Islamic law.*

*Java in a Nutshell Feb 20 2022 Aimed for programmers, offers an introduction to Java 5.0, covering topics such as generics, enumerated type, autoboxing, and static imports.*

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