

## Etextbooks By Chapter

With a groundbreaking intersectional approach framed around social spheres, Race in America gives students the tools to think critically about race, racism, and white privilege. In this thoroughly updated Second Edition, students will find relevant examples drawn from the headlines and their own experiences. New features in the text and online help students see the "big picture"--and how they can participate in the fight for racial equality.

Before he became a Piston Cup superstar, Lightning McQueen was a car with a dream . . . and a different name! Where did Lightning learn to race? Who was his first sponsor? And where did "Ka-chow!" come from? Struck by Lightning is the story of the world's most famous race car—before the bolt!

The basic text for Alcoholics Anonymous.

This book is devoted to the 25th anniversary of the United Nations Declaration on the Right to Development. It contains a collection of analytical studies of various aspects of the right to development, which include the rule of law and good governance, aid, trade, debt, technology transfer, intellectual property, access to medicines and climate change in the context of an enabling environment at the local, regional and international levels. It also explores the issues of poverty, women and indigenous peoples within the theme of social justice and equity. The book considers the strides that have been made over the years in measuring progress in implementing the right to development and possible ways forward to make the right to development a reality for all in an increasingly fragile, interdependent and ever-changing world.

Evidence-based Management of Low Back Pain

Deal Me in

Race in America

An Introduction to Chemistry

Bringing together leading international practitioners and theorists in the field, ranging from the 1960s pioneers of participation to some of the major contemporary figures in the field, Architecture and Participation opens up the social and political aspects of our built environment, and the way that the eventual users may shape it. Divided into three sections, looking at the politics, histories and practices of participation, the book gives both a broad theoretical background and more direct examples of participation in practice. Respectively the book explores participation's broader context, outlining key themes and including work from some seminal European figures and shows examples of how leading practitioners have put their ideas into action. Illustrated throughout, the authors present to students, practitioners and policy makers an exploration of how a participative approach may lead to new spatial conditions, as well as to new types of architectural practices, and investigates the way that the user has been included in the design process.

Essential Cell Biology provides a readily accessible introduction to the central concepts of cell biology, and its lively, clear writing and exceptional illustrations make it the ideal textbook for a first course in both cell and molecular biology. The text and figures are easy-to-follow, accurate, clear, and engaging for the introductory student. Molecular detail has been kept to a minimum in order to provide the reader with a cohesive conceptual framework for the basic science that underlies our current understanding of all of biology, including the biomedical sciences. The Fourth Edition has been thoroughly revised, and covers the latest developments in this fast-moving field, yet retains the academic level and length of the previous edition. The book is accompanied by a rich package of online student and instructor resources, including over 130 narrated movies, an expanded and updated Question Bank. Essential Cell Biology, Fourth Edition is additionally supported by the Garland Science Learning System. This homework platform is designed to evaluate and improve student performance and allows instructors to select assignments on specific topics and review the performance of the entire class, as well as individual students, via the instructor dashboard. Students receive immediate feedback on their mastery of the topics, and will be better prepared for lectures and classroom discussions. The user-friendly system provides a convenient way to engage students while assessing progress. Performance data can be used to tailor classroom discussion, activities, and lectures to address students' needs precisely and efficiently. For more information and sample material, visit <http://garlandscience.rocketmix.com/>.

Inspired by the #1 New York Times bestseller She Persisted by Chelsea Clinton and Alexandra Boiger, a chapter book series about women who spoke up and rose up against the odds—including Diana Taurasi! When Diana Taurasi was a girl, professional women's basketball didn't exist in the US. But she worked hard to create opportunities for herself, winning championships throughout college and eventually going on to play for the WNBA with the Phoenix Mercury and winning multiple Olympic gold medals. In this chapter book biography by award-winning author Monica Brown, readers learn about the amazing life of Diana Taurasi--and how she persisted. Complete with an introduction from Chelsea Clinton, black-and-white illustrations throughout, and a list of ways that readers can follow in Diana Taurasi's footsteps and make a difference! And don't miss out on the rest of the books in the She Persisted series, featuring so many more women who persisted, including Florence Griffith Joyner, Sonia Sotomayor, and more!

Hailed as one of the greatest novels of all time and a classic of world literature, War and Peace is a tale of strivers in a world fraught with conflict, social and political change, and spiritual confusion, Tolstoy's magnificent work continues to entertain, enlighten, and inspire readers around the world. Both an intimate study of individual passions and an epic history of Russia and its people, 'War and Peace' is nothing more or less than a complete portrait of human existence. Among its many unforgettable characters is Prince Andrey Bolkonsky, a proud, dashing man who, despising the artifice of high society, joins the army to achieve glory. Badly wounded at Austerlitz, he begins to discover the emptiness of everything to which he has devoted himself. His death scene is considered one of the greatest passages in Russian literature. Terror swiftly engulfs the country as Napoleon's army marches on Russia, and the lives of three young people are changed forever. The stories of quixotic Pierre, cynical Andrey and impetuous Natasha interweave with a huge cast, from aristocrats and peasants, to soldiers and Napoleon himself. In War and Peace (1868-9), Tolstoy entwines grand themes—conflict and love, birth and death, free will and fate.

Biomedical Perspectives and Applications

Bailey

Import, Tidy, Transform, Visualize, and Model Data

Twenty of the World's Top Poker Players Share the Heartbreaking and Inspiring Stories of How They Turned Pro

A Manual for Writers of Dissertations

**Written by a team of internationally renowned sociologists with experience in both the field and the classroom, The Art and Science of Social Research offers authoritative and balanced coverage of the full range of methods used to study the social world. The authors highlight the challenges of investigating the unpredictable topic of human lives while providing insights into what really happens in the field, the laboratory, and the survey call center.**

**A chapter-by-chapter guide to Gene Wolfe's "The Book of the New Sun," its sequel "The Urth of the New Sun," and four shorter works.**

**Bishop's text shows students how to break the material of preparatory chemistry down and master it. The system of objectives tells the students exactly what they must learn in each chapter and where to find it.**

**Deal Me In showcases 20 of the world's top poker players as they share their colorful and inspiring stories of how they became professionals. Poker's biggest players, such as Phil Ivey (2009 WSOP Main Event Finalist and potential winner), Johnny Chan, Phil Hellmuth , Doyle Brunson and Daniel Negreanu give first-person accounts of their personal journeys and the key moments in their rise to the top of the poker pantheon. These stories will teach, inspire and make you laugh. Deal Me In humanizes the larger-than-life personalities, allowing the reader to understand more about poker strategy through the trials and errors of the best players in the game. Each poker legend tells his or her own story in the book including: Doyle Brunson, Phil Hellmuth , Daniel Negreanu, Phil Ivey, Annie Duke, Johnny Chan, Chris “Jesus” Ferguson, Carlos Mortensen, Chau Giang, Jennifer Harman, Allen Cunningham, Howard Lederer, Erik Seidel, Chad Brown, David “Devilfish” Ulliott, Layne Flack, Scotty Nguyen, Annette Obrestad, Tom Dwan and the 2008 Main Event winner Peter Eastgate.**

**Inside Out: Driven by Emotions**

**A Magic School for Girls Chapter Book**

**The Rust Programming Language (Covers Rust 2018)**

**First Edition**

**Publication Manual of the American Psychological Association**

*Nursing Law and Ethics explores a variety of key legal and ethical issues in nursing practice using a thought-provoking and holistic approach. It addresses both what the law requires and what is right, and explores whether these two are always the same. The book provides an overview of the legal, ethical and professional dimensions of nursing, followed by exploration of key issues in greater depth. This edition features updated legislation and new material on patient safety. Key topics are accompanied by both a legal and an ethical perspective, covering both law and ethics Case examples throughout place concepts in a real-life context Written by experts in the field and includes contributions from leading nurses, lawyers and ethicists Accessible, relevant, and comprehensive, this title is ideal for pre- and post-registration nurses.*

*Canadian Maternity and Pediatric Nursing prepares your students for safe and effective maternity and pediatric nursing practice. The content provides the student with essential information to care for women and their families, to assist them to make the right choices safely, intelligently, and with confidence.*

*An introduction to a broad range of topics in deep learning, covering mathematical and conceptual background, deep learning techniques used in industry, and research perspectives. “Written by three experts in the field, Deep Learning is the only comprehensive book on the subject.”—Elon Musk, cochair of OpenAI, cofounder and CEO of Tesla and SpaceX Deep learning is a form of machine learning that enables computers to learn from experience and understand the world in terms of a hierarchy of concepts. Because the computer gathers knowledge from experience, there is no need for a human computer operator to formally specify all the knowledge that the computer needs. The hierarchy of concepts allows the computer to learn complicated concepts by building them out of simpler ones; a graph of these hierarchies would be many layers deep. This book introduces a broad range of topics in deep learning. The text offers mathematical and conceptual background, covering relevant concepts in linear algebra, probability theory and information theory, numerical computation, and machine learning. It describes deep learning techniques used by practitioners in industry, including deep feedforward networks, regularization, optimization algorithms, convolutional networks, sequence modeling, and practical methodology; and it surveys such applications as natural language processing, speech recognition, computer vision, online recommendation systems, bioinformatics, and videogames. Finally, the book offers research perspectives, covering such theoretical topics as linear factor models, autoencoders, representation learning, structured probabilistic models, Monte Carlo methods, the partition function, approximate inference, and deep generative models. Deep Learning can be used by undergraduate or graduate students planning careers in either industry or research, and by software engineers who want to begin using deep learning in their products or platforms. A website offers supplementary material for both readers and instructors.*

*Until now, there has only been a shallow understanding of how the leadership actions of project managers interact with ethics and social responsibility. Empirical research into this subject has been sparse. Responsible Leadership, by Nicholas Clarke, Alessia D’Amato, Malcolm Higgs, and Ramesh Vahidi is the first study to investigate how the relationships among managers, team members, and other stakeholders can bring about personal and ethical conflicts that impact decision making.In this groundbreaking book, the authors explore how those who serve as leaders on projects can exercise their roles in ways that respond to the ever-increasing need for ethical decision making. They examine the factors that enable and constrain responsible leadership, looking at the issues faced by project managers as they interact with team members and other stakeholders. Responsible Leadership also provides new insights into how project managers view the moral implications of conflicts that occur as they conduct their work and is a valuable addition to the project management toolkit.*

*The Story of how Many Thousands of Men and Women Have Recovered from Alcoholism*

*Nineteen Eighty-Four*

*Canadian Maternity and Pediatric Nursing*

*Alcoholics Anonymous*

*Architecture and Participation*

Written from the perspective of a librarian, this book offers a comprehensive overview of the impact of e-books on academic libraries. The author discusses advantages to both researchers and librarians and provides current examples of innovative uses of e-books in academic contexts. This book reviews the current situation in e-book publishing, and describes problems in managing e-books in libraries caused by the variety of purchase models and varying formats available, and the lack of standardisation. It discusses solutions for providing access and maintaining bibliographic control, looks at various initiatives to publicise and promote e-books, and compares e-book usage surveys to track changes in user preferences and behaviour over the last decade. E-books have already had a huge impact on academic libraries, and major advances in technology will bring further changes. There is a need for collaboration between libraries and publishers. The book concludes with reflections on the future of e-books in academic libraries. Describes how e-books have changed library services and how they have enabled academic libraries to align with the e-learning initiatives of their universities Discusses problems with e-book collection development and management and lists examples of solutions Examines trends in user behaviour and acceptance of e-books

Who that cares much to know the history of man, and how the mysterious mixture behaves under the varying experiments of Time, has not dwelt, at least briefly, on the life of Saint Theresa, has not smiled with some gentleness at the thought of the little girl walking forth one morning hand-in-hand with her still smaller brother, to go and seek martyrdom in the country of the Moors? Out they toddled from rugged Avila, wide-eyed and helpless-looking as two fawns, but with human hearts, already beating to a national idea; until domestic reality met them in the shape of uncles, and turned them back from their great resolve. That child-pilgrimage was a fit beginning. Theresa's passionate, ideal nature demanded an epic life: what were many-volumed romances of chivalry and the social conquests of a brilliant girl to her? Her flame quickly burned up that light fuel; and, fed from within, soared after some illimitable satisfaction, some object which would never justify weariness, which would reconcile self-despair with the rapturous consciousness of life beyond self. She found her epos in the reform of a religious order.

In this book Ellen G. White refers to 'Sanctification'. It consists of eleven articles, that were published independently in the year 1881 and published as a pamphlet a little later. The articles are: Chapter 1—True and False Theories Contrasted Chapter 2—Daniel's Temperance Principles Chapter 3—Controlling the Appetites and Passions Chapter 4—The Fiery Furnace Chapter 5—Daniel in the Lions' Den Chapter 6—Daniel's Prayers Chapter 7—The Character of John Chapter 8—The Ministry of John Chapter 9—John in Exile Chapter 10—Christian Character Chapter 11—The Christian's Privilege

Learn how to use R to turn raw data into insight, knowledge, and understanding. This book introduces you to R, RStudio, and the tidyverse, a collection of R packages designed to work together to make data science fast, fluent, and fun. Suitable for readers with no previous programming experience, R for Data Science is designed to get you doing data science as quickly as possible. Authors Hadley Wickham and Garrett Golemund guide you through the steps of importing, wrangling, exploring, and modeling your data and communicating the results.

You'll get a complete, big-picture understanding of the data science cycle, along with basic tools you need to manage the details. Each section of the book is paired with exercises to help you practice what you've learned along the way. You'll learn how to: Wrangle—transform your datasets into a form convenient for analysis Program—learn powerful R tools for solving data problems with greater clarity and ease Explore—examine your data, generate hypotheses, and quickly test them Model—provide a low-dimensional summary that captures true "signals" in your dataset Communicate—learn R Markdown for integrating prose, code, and results

She Persisted: Diana Taurasi

EBook Publishing Power for Entrepreneurs

I'm Gonna Wreck It!

Deep Learning

Cars: Struck by Lightning

In this NEW eBook I'm breaking out all the cool stuff! This one is full of CUTTING EDGE strategies that NO ONE wants to teach, and I'm sharing everything! I wrote this eBook to be used as a guide specifically for Entrepreneur Authors who want create a SIMPLE eBook for the purpose of growing their subscriber list, getting fresh new leads consistently, and growing their business. Here's what you will learn: Chapter 1: WARNING! Why Entrepreneurs MUST Have an eBook Today Chapter 2: The TRUTH About Your Book Publishing Options: Traditional, Self- Publishing, Standard Format eBooks Chapter 3: 8 Ways to Create Your Own eBook FAST! Chapter 4: EASY Ways to Transform a Simple eBook Into a LIST BUILDING MACHINE Chapter 5: STAND OUT Strategies for Creating Titles & Sub-titles Chapter 6: How to Choose the BEST Amazon Category for MAXIMUM Visibility Chapter 7: How to Select POWER Keywords for Your eBook Chapter 8: STRESS-FREE Editing & Proofreading Chapter 9: How to Create an EYE-CATCHING Cover Chapter 10: POWERFUL eBook Promotion Strategies Chapter 11: How to Get 1000's of Readers to Download Your Book in 5 Days Chapter 12: The Next Chapter: Why Your eBook is Your New SECRET WEAPON for Building a WILDLY PROFITABLE Business BONUS! Inside this BREAKTHROUGH eBook you have access to special FREE bonus content like cheat sheets, SIMPLE eBook creation templates, and my own EASY eBook Creation Toolkit, and more! All the details are inside this eBook. You will even find out how you can get a SECRET BONUS CHAPTER called "7 GAME CHANGING Elements of a Lead-Gen eBook".

Inside Out: Driven by EmotionsDisney Electronic Content

The official book on the Rust programming language, written by the Rust development team at the Mozilla Foundation, fully updated for Rust 2018. The Rust Programming Language is the official book on Rust: an open source systems programming language that helps you write faster, more reliable software. Rust offers control over low-level details (such as memory usage) in combination with high-level ergonomics, eliminating the hassle traditionally associated with low-level languages. The authors of The Rust Programming Language, members of the Rust Core Team, share their knowledge and experience to show you how to take full advantage of Rust's features--from installation to creating robust and scalable programs. You'll begin with basics like creating functions, choosing data types, and binding variables and then move on to more advanced concepts, such as: • Ownership and borrowing, lifetimes, and traits • Using Rust's memory safety guarantees to build fast, safe programs • Testing, error handling, and effective refactoring • Generics, smart pointers, multithreading, trait objects, and advanced pattern matching • Using Cargo, Rust's built-in package manager, to build, test, and document your code and manage dependencies • How best to use Rust's advanced compiler with compiler-led programming techniques You'll find plenty of code examples throughout the book, as well as three chapters dedicated to building complete projects to test your learning: a number guessing game, a Rust implementation of a command line tool, and a multithreaded server. New to this edition: An extended section on Rust macros, an expanded chapter on modules, and appendixes on Rust development tools and editions.

An interdisciplinary approach enables health care providers to work together. A logical, easy-to-follow organization covers information by intervention type, from least invasive to most invasive. Integration of interventions provides information in a clinically useful way, so it's easier to consider more than one type of treatment or intervention for low back pain, and easier to see which methods should be tried first. 155 illustrations include x-rays, photos, and drawings. Tables and boxes summarize key information. Evidence-based content allows you to make clinical decisions based on the ranking the best available scientific studies from strongest to weakest. Patient history and examination chapters help in assessing the patient's condition and in ruling out serious pathology before making decisions about specific interventions.-

Nursing Law and Ethics

E-books in Academic Libraries

Psychology 2e

Palace Pets: Beauty: Aurora's Sleepy Kitten

Essays in Commemoration of 25 Years of the United Nations Declaration on the Right to Development

Dive into Riley's mind and see Pixar's upcoming film, Inside Out, as you never will in the theater. This unique chapter book offers unseen stories and insights to the movie from the stars themselves, as each chapter offers a different retelling of the film from one of Riley's emotions: Joy, Sadness, Fear, Anger, and Disgust.

Nineteen Eighty-Four (1949) was George Orwell's final novel and was completed in difficult conditions shortly before his early death. It is one of the most influential and widely-read novels of the post-war period.

Rosetta, a dainty garden-talent fairy, and her friend Fawn, a rough-and-tumble animal-talent fairy, face their fears when Fawn agrees to dress up for a fancy dinner with the queen and Rosetta spends the next day doing Fawn's favorite things.

To distract Elsa from a gala being planned in her honor, Anna fills her schedule with fun bonding activities. But what starts as a distraction turns into an adventure when they find a secret door leading to passageways within the castle walls—and the door locks behind them, trapping them inside! Then, as they explore the narrow passages and sealed-off rooms, looking for an exit, spooky things start to

happen. Echoing laughter, mysterious patches of cold air, odd arrangements of clothes and furniture...what could be causing all these strange events? With Elsa's powers and Anna's ingenuity on their side, they're more than a match for whatever they find—if they can just find it in time! Packed with humor and heart, *Phantoms of Arendelle* will keep readers guessing right up until the last page.

An Original Chapter Book

The Art and Science of Social Research

Rosetta's Daring Day

War and Peace

Frozen: Anna & Elsa: *Phantoms of Arendelle*

*Beauty is a sweet kitty who loves to sleep, snuggle, and play with her best friend, Princess Aurora. Kids will love getting to know one of the Disney princesses' new friends in this book, the first in a series of early chapter books featuring the Palace Pets!*

*Ralph, a video game villain who wants nothing more than to be the good guy for a change, finally gets his chance to be a hero, but he discovers that being a do-gooder isn't as easy as it looks.*

*In the eleventh book in the New York Times-bestselling series, Amelia Bedelia has big plans for her summer, until her mother insists she spend the summer at the same all-girls camp she attended when she was a girl. The camp is in disrepair and can't compete with the high-tech computer camp across the lake. Still, Amelia Bedelia figures out how to make this summer the best one yet! The Amelia Bedelia Chapter Books star Amelia Bedelia as a young girl and feature funny family and friendship stories just right for fans of Judy Moody and Ivy + Bean. The Amelia Bedelia books have sold more than 35 million copies since we first met the iconic character in 1963!*

*Bailey, Julie, and Kate are super excited! The three friends have turned eight years old, which means they can finally go to Miss Annie's Magic School, where they'll learn to fly on brooms, cast magic spells, and learn important lessons as they study to become witches. But Miss Annie's School isn't always easy. Bailey is worried that her classmates think she's the teacher's pet. When she gets teased on the playground, Bailey stops raising her hand in class and she doesn't find Miss Annie's School very much fun. Can Bailey face her problems, ignore the teasing, and be herself? Read all about it in this fun and magical book for kids aged 6-8. The Magic School for Girls Chapter Books are a collection of illustrated stories that can be read in any order.*

*Amelia Bedelia Chapter Book #11: Amelia Bedelia Makes a Splash*

*Responsible Leadership in Projects*

*Middlemarch*

*Adam Bede Illustrated*

*Realizing the Right to Development*

Get swept up in all the gritty, wild details of a roller-coaster love story with the ultimate bad boy in the first spinoff novel after 44 CHAPTERS ABOUT 4 MEN, the book that inspired the hit Netflix original series *SEX/LIFE*. In 1997, Ronald “Knight” McKnight was the meanest, most misunderstood guy in town. . . perhaps on the entire planet. He hated everyone, except for BB Easton—the perky, quirky punk chick he couldn’t avoid. BB, on the other hand, liked everybody . . . except for Knight. She was scared to death of him, actually. All she wanted was to marry Little Mermaid’s Prince Eric-lookalike and king of the local punk scene Lance Hightower. But Knight was patient. Persistent. Unexpected. And once he got under BB’s skin, her life would never be the same. A forbidden love story overflowing with '90s nostalgia, dark humor, and heart-wrenching angst, and based on a true story.

A reflection of the explosion of research and development in this field, *OMICS: Biomedical Perspectives and Applications* explores applications of omics in bioinformatics, cancer research and therapy, diabetes research, plant science, molecular biology, and neurosciences. A select editorial panel of experts discusses their cutting edge omics research and novel technologies, supplying a basic platform of methods and applications and a resource for enhanced cross-pollination in a multiomics approach to future endeavors in the fertile fields of omics research. After an introduction on the omics universe, the book presents modern omics and its applications in nanotechnology, genomics, proteomics, metagenomics, toxicogenomics, immunomics, nutrigenomics, diabetes, neurology, cardiology, and cancer to name just a few. The book begins with an overview of omics and omic technologies such as cellomics, glycomics, and lipidomics. It also discusses bioinformatics, demonstrating how it can be a tool in omics, and examines the various approaches of omics technology in toxicology research and applications in biomedical sciences. While there are a long list of omics books available, most focus narrowly on one area. Presenting a wide view of the current status of integrative omics, this resource contains complete coverage of omics in research and therapy, ranging from neuroscience to cardiology. It collates recent developments in the field into a state-of-the-art framework for this discipline.

*Adam Bede*, the first novel written by George Eliot (the pen name of Mary Ann Evans), was published in 1859. It was published pseudonymously, even though Evans was a well-published and highly respected scholar of her time. The novel has remained in print ever since and is regularly used in university studies of 19th-century English literature

A regional and functional approach to learning human neuroanatomy New full-color images Neuroanatomy:Text and Atlas covers neuroanatomy from both a functional and regional perspective to provide an understanding of how the components of the central nervous system work together to sense the world around us, regulate body systems, and produce behavior. This trusted text thoroughly covers the sensory, motor, and integrative skills of the brains and presents an overview of the function in relation to structure and the locations of the major pathways and neuronal integrative regions. Neuroanatomy:Text and Atlas also teaches you how to interpret the new wealth of human brain images by developing an understanding of the anatomical localization of brain function. The authoritative core content of myelin-stained histological sections is enhanced by informative line illustrations, angiography, and brain views produced by MRI, and other imaging technologies. NEW to this edition: Revised and updated to reflect advances in clinical neuroanatomy and neural science Full-color illustrations have been added to enrich the text Chapters begin with a clinical case to illustrate the connections and functions of the key material Chapters end with a series of multiple-choice review questions Features and Benefits: Increases knowledge of the regional and functional organization of the spinal cord and brain, one system at a time Provides thorough coverage of the sensory, motor, and integrative systems of the brain, together with cerebral vasculature Promotes understanding of the complex details of neuroanatomy needed for accurate interpretation of radiological image Comprehensive atlas provides key views of the surface anatomy of the central nervous systems and photographs of myelin-stained sections in three anatomical planes Includes learning aids such as clinical topics, boxes, chapter summaries, and a Glossary of key terms and structures

OMICS

R for Data Science

How To Code in Go

Secrets the Gurus Don't Teach You

Essential Cell Biology

An encyclopedia designed especially to meet the needs of elementary, junior high, and senior high school students.

The Publication Manual of the American Psychological Association is the style manual of choice for writers, editors, students, and educators in the social and behavioral sciences, nursing, education, business, and related disciplines.

The World Book Encyclopedia

The Sanctified Life

Skin

Gene Wolfe's The Book of the New Sun: A Chapter Guide

Neuroanatomy Text and Atlas, Fourth Edition