

States Of Matter David L Goodstein

An in-depth look at scientific fraud
Fraud in science is not as easy to identify as one might think. When accusations of scientific misconduct occur, truth can often be elusive, and the cause of a scientist's ethical misstep isn't always clear. On Fact and Fraud looks at actual cases in which fraud was committed or alleged, explaining what constitutes scientific misconduct and what doesn't, and providing readers with the ethical foundations needed to discern and avoid fraud wherever it may arise. In David Goodstein's varied experience—as a physicist and educator, and as vice provost at Caltech, a job in which he was responsible for investigating all allegations of scientific misconduct—a deceptively simple question has come up time and again: what constitutes fraud in science? Here, Goodstein takes us on a tour of real controversies from the front lines of science and helps readers determine for themselves whether or not fraud occurred. Cases include, among others, those of Robert A. Millikan, whose his measurement of the electron's charge has been maligned by accusations of fraud; Martin Fleischmann and Stanley Pons and their "discovery" of cold fusion; Victor Ninov and the supposed discovery of element 118; Jan Hendrik Schön from Bell Labs and his work in semiconductors; and J. Georg Bednorz and Karl Müller's discovery of high-temperature superconductivity, a seemingly impossible accomplishment that turned out to be real. On Fact and Fraud provides a user's guide to identifying, avoiding, and preventing fraud in science, along the way offering valuable insights into how modern science is practiced.

40 Photos. 40 Stories. 40 Moments. Photographs freeze moments in time that would have otherwise escaped into memory and beyond. Each photo tells a story of what was, at that moment, real. Collected here are 40 such moments. Whether jumping off points for bigger tales, or self-contained stories that complete the moment, Fast 40 view into other worlds. Each story won't take long to complete, but might tempt you to examine the moments happening around you from a different perspective.

This undergraduate textbook merges traditional solid state physics with contemporary condensed matter physics, providing an up-to-date introduction to the major concepts that form the foundations of condensed materials. The main foundational principles are emphasized, providing students with the knowledge beginners in the field should understand. The book is structured in four parts and allows students to appreciate how the concepts in this broad area build upon each other to produce a cohesive whole as they work through the chapters. Illustrations work closely with the text to convey concepts and ideas visually, enhancing student understanding of difficult material. end-of-chapter exercises varying in difficulty allow students to put into practice the theory they have covered in each chapter and reinforce new concepts.

This 1987 book studies electricity and magnetism, light, the special theory of relativity and modern physics.

An Introduction to the Physics of Solid...

Violet Peck and the Stupid Stupid Dog

States of Matter

On Fact and Fraud

And Other States of Matter

Gray Matter

This unique overview by a prominent CalTech physicist provides a modern, rigorous, and integrated treatment of the key physical principles and techniques related to gases, liquids, solids, and their phase transitions. No other single volume offers such comprehensive coverage of the subject, and the treatment consistently emphasizes areas in which research results are likely to be applicable to other disciples. Starting with a chapter on thermodynamics and statistical mechanics, the text proceeds to in-depth discussions of perfect gases, electrons in metals, Bose condensation, fluid structure, potential energy, Weiss molecular field theory, van der Waals equation, and other pertinent aspects of phase transitions. Many helpful illustrative problems appear at the end of each chapter, and annotated bibliographies offer further guidance.

A public square bombing in Yemen and shipment of rockets from North America only randomly connect university researcher Arthur Crawford and Washington anti-terrorism expert Myron Klass. But coincidence is quickly overshadowed by reality when a Spaniard known as the most thoughtful of arms dealers has ambitions to devastate the US. Strap yourself in as former Canadian Member of Parliament Dr. David C. Walker boldly weaves together their lives and stories in Wild World, the first in a series of political mysteries novels that is sure to make you question what you've been told and what you need to know.

Sitting outside of time and space is the Inn Between Worlds. Residents might say it's a place for travelers, or a place to rest, a place to find excitement. Or they might say it's dangerous and to be avoided at all costs because Reality Does Not Work Right inside its infinite walls. Contained in these pages are three stories that all share one important point: Their events would not have been possible without The Inn. "Gideon Wallace and the Sapphire Woman" is the first story in a new series by Thomas A Farmer, and shows what happens when a mortal man finds himself drawn into a fight between gods. In "Chaos Candy," by Amie Gibbons, supernatural bounty hunter Zee tries to uncover a dark secret and learns much more than she ever wanted to know. Finally, Michael David Anderson's "Flux" continues the adventures of Teddy Dormer, taking him once again to strange new places and showing him new nightmares.

Suitable for advanced undergraduates and graduate students of physics, this uniquely comprehensive overview provides a rigorous, integrated treatment of physical principles and techniques related to gases, liquids, solids, and their phase transitions. 1975 edition.

The Lost Art of Reading

High-Temperature Levitated Materials

Once a Jew, Always a Jew?

The World Book Encyclopedia

Homo Luminous

Feynman's Lost Lecture

In the year 2110, fourteen-year-old Val returns home to find that the time machine her father created has returned home without him. Having lost her mother to illness two years earlier, Val decides to use the machine to go back in time to find her father and bring him home. She does a test landing in a remote area of the U.S. in the year 2010 and meets three brothers: sixteen-year-old football star James, thirteen-year-old Luke and an amazing seven-year-old named Wumpy. They decide to join her and help find her father. Val believes her father would have gone back to the first century to see Jesus Christ, who Val's dad considers the most important person in history. Val knows her father wanted to see for himself if the stories about Jesus in the Bible are true. She and the three brothers go back in time to first century Jerusalem and begin the search, looking for Val's dad at some of the major events of Jesus' life. During their quest they meet Jesus and see amazing things. They also have to outwit local authorities and an assortment of villains who threaten to strand them in the first century or - even worse - end their short lives two thousand years before they were born. The adventure is non-stop, but in the end this is a story about friendship and faith and the truth of 1 John 4:18: "Perfect love expels all fear."

One of the major experimental difficulties in studying materials at extreme temperatures is unwanted contamination of the sample through contact with the container. This can be avoided by suspending the sample through levitation. This technique also makes metastable states of matter accessible, opening up new avenues of scientific enquiry, as well as possible new materials for technological applications. This book describes several methods of levitation, the most important being aerodynamic, electromagnetic and electrostatic. It summarizes the state-of-the-art of the measurement of structural, dynamic and physical properties with levitation techniques, the considerable progress made in this field in the past two decades, and prospects for the future. It also explores the concepts behind the experiments and associated theoretical ideas. Aimed at researchers in physics, physical chemistry and materials science, the book is also of interest to professionals working in high-temperature materials processing and the aerospace industry.

NOIR is a two-part White Paper, written by David L. Charney, M.D., a psychiatrist who had the unique experience of interviewing former FBI counterintelligence officer Robert Hanssen in jail, weekly, for approximately two hours per visit, for a year. Dr. Charney did the same with two other incarcerated insider spies: Earl Pitts (former FBI Special Agent revealed as a KGB spy), and Brian Regan (former Air Force/NRO). Dr. Charney's interest was to better understand the minds of spies for the sake of strengthening our national security. Over the eighteen years of his work with these cases, Dr. Charney developed a greater understanding of insider spy psychology and formulated new approaches and fresh proposals for better managing the problem of insider spies. Dr. Charney's first paper, "True Psychology of the Insider Spy," Part One of his two-part White Paper on insider spies, was published in late 2010 in the AFIO Intelligencer. This paper can be viewed on the NCIX (National Counterintelligence Executive) website. Most Insider Threat management initiatives have been technology driven. While clever and useful up to a point, they are subject to the Law of Diminishing Returns and can backfire by creating a negative, distrustful workplace atmosphere. A well-motivated insider can defeat nearly any technology-based system. They will always find a way. By contrast, Dr. Charney's NOIR proposals center on the minds of potential or current insider threats: their psychologies and their inner worlds. The battle must be won there. NOIR focuses on "classic" state-sponsored espionage. However, many of its points are applicable for dealing with Snowden-type threats. NOIR for USA is a 501(c)3 entity to educate the US Intelligence Community, other government components, including the Congress, the courts, responsible journalists, and the general public, about the NOIR concepts and proposals. Dr. Charney and his colleagues at NOIR for USA would appreciate any comments, criticisms, or additional thoughts you may have about NOIR concepts and proposals: Contact@NOIR4USA.org

The author reveals both the good and bad facing our families today using his own unique brand of humor.

Rekindle

Gases, Liquids and Solids

A White Paper

Fundamentals of Condensed Matter and Crystalline Physics

Three Your Life

How the Struggle Against the Interstate Slave Trade Led to the Civil War

A perfect blend of medical drama and spiritual insight, Gray Matter is a fascinating account of Dr. David Levy ’ s decision to begin asking his patients if he could pray for them before surgery. Some are thrilled. Some are skeptical. Some are hostile, and some are quite literally transformed by the request. Each chapter focuses on a specific case, opening with a detailed description of the patient ’ s diagnosis and the procedure that will need to be performed, followed by the prayer “ request. ” From there, readers get to look over Dr. Levy ’ s shoulder as he performs the operation, and then we wait—right alongside Dr. Levy, the patients, and their families—to see the final results. Dr. Levy ’ s musings on what successful and unsuccessful surgical results imply about God, faith, and the power of prayer are honest and insightful. As we watch him come to his ultimate conclusion that no matter what the results of the procedure are, “ God is good, ” we cannot help but be truly moved and inspired.

David J. Keyser, Ph.D.
** Christian Theology **
This book is about the humanity of Jesus Christ. The Christian Church has neglected this important Christian truth for too long. An understanding of the humanity of Jesus has been sacrificed to our understanding of his divinity. He is indeed Divine. But it is a costly mistake to forget about his humanity; it is here that we find our identity with Him. ISBN: 9780615164557 -- Dr. David J. Keyser has served as an international theology teacher and college adjunct faculty. His earned degrees include a B.S., an M.Div, an M.S., a Th.M., and a Ph.D. in Systematic Theology with a specialization in Pneumatology (the study of The Holy Spirit) from the University of Saint Andrews in Scotland, Presbyterianism's oldest University. His interests include the humanity of Christ, The Holy Spirit and Biblical fiction.

THIS TEXTBOOK is about computer science. It is also about Python. However, there is much more. The study of algorithms and data structures is central to understanding what computer science is all about. Learning computer science is not unlike learning any other type of difficult subject matter. The only way to be successful is through deliberate and incremental exposure to the fundamental ideas. A beginning computer scientist needs practice so that there is a thorough understanding before continuing on to the more complex parts of the curriculum. In addition, a beginner needs to be given the opportunity to be successful and gain confidence. This textbook is designed to serve as a text for a first course on data structures and algorithms, typically taught as the second course in the computer science curriculum. Even though the second course is considered more advanced than the first course, this book assumes you are beginners at this level. You may still be struggling with some of the basic ideas and skills from a first computer science course and yet be ready to further explore the discipline and continue to practice problem solving. We cover abstract data types and data structures, writing algorithms, and solving problems. We look at a number of data structures and solve classic problems that arise. The tools and techniques that you learn here will be applied over and over as you continue your study of computer science.

Overview covers thermodynamics and statistical mechanics; gases, solids, and liquids; perfect gases; electronics in metals; the Bose condensation; and numerous pertinent aspects of phase transitions. 1975 edition.

Why Books Matter in a Distracted Time

A Neurosurgeon Discovers the Power of Prayer . . . One Patient at a Time

Finding Peace After a Breakup, Divorce, or Death

Sky Sailors

Cautionary Tales from the Front Lines of Science

A Baseball Odyssey

This book examines the implications of new communication technologies in the light of the most recent work in social and cultural theory and argues that new developments in electronic media, such as the Internet and Virtual Reality, justify the designation of a "second media age".

"Me and E: A Baseball Odyssey is a reflection on parenting a highly skilled, nationally-ranked and difficult baseball prodigy, told through the author's eyes as he witnessed and participated in the successes and failures of his son playing baseball and growing up in Central Florida. It deals with the changing world of competitive youth sports, over-involved parents, fanatical coaches, the hypocrisies inherent in high school athletics, the college recruiting process and how we teach our kids to grow up and become decent human beings - despite ourselves. It involves well-known sports figures as well as local sports icons with traits and characteristics that everyone will recognize. It's a book about flawed parenting, about living vicariously through a gifted child and learning, finally, that being a good father is as much about letting go as it is about being there. Call it Moneyball meets Everything I Know I Learned in Kindergarten.

A man and his equation: the anxiety-plagued nineteenth-century physicist who contributed significantly to our understanding of the second law of thermodynamics. Ludwig Boltzmann's grave in Vienna's Central Cemetery bears a cryptic epitaph: S = k log W. This equation was Boltzmann's great discovery, and it contributed significantly to our understanding of the second law of thermodynamics. In Anxiety and the Equation, Eric Johnson tells the story of a man and his equation: the anxiety-plagued nineteenth-century physicist who did his most important work as he struggled with mental illness. Johnson explains that “S” in Boltzmann's equation refers to entropy, and that entropy is the central quantity in the second law of thermodynamics. The second law is always on, running in the background of our lives, providing a way to differentiate between past and future. We know that the future will be a state of higher entropy than the past, and we have Boltzmann to thank for discovering the equation that underlies that fundamental trend. Johnson, accessibly and engagingly, reassembles Boltzmann's equation from its various components and presents episodes from Boltzmann's life—beginning at the end, with “Boltzmann Kills Himself” and “Boltzmann Is Buried (Not Once, But Twice).” Johnson explains the second law in simple terms, introduces key concepts through thought experiments, and explores Boltzmann's work. He argues that Boltzmann, diagnosed by his contemporaries as neurasthenic, suffered from an anxiety disorder. He was, says Johnson, a man of reason who suffered from irrational concerns about his work, worrying especially about opposition from the scientific establishment of the day. Johnson's clear and concise explanations will acquaint the nonspecialist reader with such seemingly esoteric concepts as microstates, macrostates, fluctuations, the distribution of energy, log functions, and equilibrium. He describes Boltzmann's relationships with other scientists, including Max Planck and Henri Poincaré, and, finally, imagines “an alternative ending,” in which Boltzmann lived on and died of natural causes.

Worldwide, the number of people who call themselves Jews is about 14 million.They may all call themselves Jews, but what they mean by that name varies widely. These self–described Jews range from the most Orthodox, who have submitted themselves entirely to the imagined dictates of an imaginary god, to those who practice various forms of Judaism that are so watered down that they scarcely qualify as a religion, to those who observe no part of Judaism at all other than the celebration of a festival that they may call Hanukkah but that is in reality merely a Judaized version of Christmas.In this short book, I focus on the United States, which until recently had the largest Jewish population in the world—just under six million self–identified Jews. Although it was recently surpassed by Israel, America arguably still has the most politically, socially, and theologically influential Jewish population in the world. According to a survey conducted in 2013 by the respected Pew Research Center, of those almost six million American Jews, 22% "describe themselves as atheist, agnostic or having no particular religion[.]" In the case of the youngest adult American Jews, the so–called Millennial generation, "32% describe themselves as having no religion and identify as Jewish on the basis of ancestry, ethnicity or culture."This large group of Jews, which is a growing percentage of American Jewry, as the above Millennial number shows, is commonly referred to "secular Jews," although some of them prefer the label "atheist Jews." These are the people I want to discuss in this book.I contend that they are not Jews in any meaningful sense of the word. They may wish to call themselves Jews for a number of emotional reasons, but I call upon them to be intellectually honest and accept that they have ceased to be Jews. They are ex–Jews.The contrary argument is based on the idea encapsulated in the phrase "once a Jew, always a Jew." For the anti–Semite, this phrase is used as a slur. It refers to negative character traits supposedly possessed by all Jews.To Jews who think that there can be such a thing as a secular Jew, the phrase refers to some innate quality, entirely apart from religion, that distinguishes Jews from their non–Jewish neighbors.What is that innate quality? That's the crux of the issue. Let's go hunting for it.

A Man Approved of God

Fast 40

Energy and Entropy

Inn Between Worlds

Molecular Photophysics and Spectroscopy

Collected Papers by David L. Parnas

Four-part treatment covers principles of quantum statistical mechanics, systems composed of independent molecules or other independent subsystems, and systems of interacting molecules, concluding with a consideration of quantum statistics.

Savannah is a young woman set out to make a difference in the world. But she plans to do it alone. With no family to connect with and no man in her life, she is ready, willing and able to face the challenges life has to offer. She is fearless, or so she thinks. She has planned her life out

carefully never realizing that the best plans are sometimes altered. This story is about her journey as her life's plan changes its course.

In You Can Heal Your Heart, self-help luminary Louise Hay and renowned grief and loss expert David Kessler, the protégé of Elisabeth Kübler-Ross, have come together to start a conversation on healing grief. This remarkable book discusses the emotions that occur when a relationship leaves you brokenhearted, a marriage ends in divorce, or a loved one dies. It will also foster awareness and compassion, providing you with the courage to face many other types of losses and challenges, such as saying good-bye to a beloved pet, losing your job, coming to terms with a life-threatening illness or disease, and much more. With a perfect blend of Louise’s teachings and affirmations on personal growth and transformation and David’s many years of working with those in grief, this empowering book will inspire an extraordinary new way of thinking, bringing hope and fresh insights into your life and even your current and future relationships. You will not only learn how to help heal your grief, but you will also discover that, yes, you can heal your heart.

Life is full of tough calls and daunting decisions. The question isn't if you'll face a big decision in the future, but how you'll face the tough call that's guaranteed to come your way. Think about it. There are wedding proposals to ponder, college applications to submit, career moves to make, homes to sell, and confrontations to consider. And, knowing how poorly things could go, we sometimes find ourselves facing these decisions with a deep fear of future regret. The pressure is on. Or is it? Short and straightforward, yet full of practical insight and spiritual truths, Tough Call, will help you see that the Christian faith offers a mindset to confidently and joyfully make your next big decision. More importantly you'll see that you can face life with your fears recognized, your peace maximized, and your hope anchored in something greater than your ability to "get it right." Readers familiar with authors like Acuff, Chan, and Tchividjian will resonate with Matt Popovits's witty, practical, and gospel-centered take on complicated topics. Tough Call is an enjoyable and essential read for any and all facing a major decision.

Thermal Physics

From Electricity to Modern Physics

Anarchy in the Heartland

A Little Book on Making Big Decisions

Problem Solving with Algorithms and Data Structures Using Python

"Glorious."—Wall Street Journal Rescued from obscurity, Feynman's Lost Lecture is a blessing for all Feynman followers. Most know Richard Feynman for the hilarious anecdotes and exploits in his best-selling books "Surely You're Joking, Mr. Feynman!" and "What Do You Care What Other People Think?" But not always obvious in those stories was his brilliance as a pure scientist—one of the century's greatest physicists. With this book and CD, we hear the voice of the great Feynman in all his ingenuity, insight, and acumen for argument. This breathtaking lecture—"The Motion of the Planets Around the Sun"—uses nothing more advanced than high-school geometry to explain why the planets orbit the sun elliptically rather than in perfect circles, and conclusively demonstrates the astonishing fact that has mystified and intrigued thinkers since Newton: Nature obeys mathematics. David and Judith Goodstein give us a beautifully written short memoir of life with Feynman, provide meticulous commentary on the lecture itself, and relate the exciting story of their effort to chase down one of Feynman's most original and scintillating lectures.

"Anarchy in the Heartland" is the true story about the world's first three train robberies that occurred just after the Civil War in the Midwest. These bold robberies not only stunned a war-weary nation, they resulted in horrific violence against suspected gang members by dozens, if not hundreds, of law-abiding citizens. Their gruesome retribution shocked the civilized world far more than the never-before-seen train robberies. As a direct result, a diplomatic incident with Canada and Britain unfolded in Washington, DC. The tragic events of 1868 were suppressed for years due to shame and fear of prosecution. "Anarchy in the Heartland" not only examines the historical record, but the widespread hearsay and rumors that surrounded the area's wealthy business leaders-turned vigilantes. For the first time, discover the breakdown of society that few wanted to publicize; including the United States Government.

This is now the third edition of a well established and highly successful undergraduate text. The content of the second edition has been reworked and added to where necessary, and completely new material has also been included. There are new sections on amorphous solids and liquid crystals, and completely new chapters on colloids and polymers. Using unsophisticated mathematics and simple models, Professor Tabor leads the reader skilfully and systematically from the basic physics of interatomic and intermolecular forces, temperature, heat and thermodynamics, to a coherent understanding of the bulk properties of gases, liquids and solids. The introductory material on intermolecular forces and on heat and thermodynamics is followed by several chapters dealing with the properties of ideal and real gases, both at an elementary and at a more sophisticated level. The mechanical, thermal and electrical properties of solids are considered next, before an examination of the liquid state. The author continues with chapters on colloids and polymers, and ends with a discussion of the dielectric and magnetic properties of matter in terms of simple atomic models. The abiding theme is that all these macroscopic material properties can be understood as resulting from the competition between thermal energy and intermolecular or interatomic forces. This is a lucid textbook which will continue to provide students of physics and chemistry with a comprehensive and integrated view of the properties of matter in all its many fascinating forms.

States of MatterCourier Corporation

Software Fundamentals

The Reno Gang Saga

An Introduction for Students of Physics and Materials Science

Vol. 1 – Needs, Wants and Desires: Vol. 1 – Needs, Wants and Desires

Slavery and the Commerce Power

Beyond the Mechanical Universe

'Stubbs, his hair is wiry Stubbs, his breath is fiery Stubbs can't read my diary He's smelly and he's dim Stubbs licks all our dishes Stubbs destroys my wishes And we can't go to Mauritius Just because of him' So wrote Violet Peck in her diary at the beginning of the summer holiday. But thanks to Stubbs, the Peck's spoilt rotten dog, Violet does go away for the summer... to a much stranger and scarier place than she could ever dream of. And she gets much closer to the family pet than any little girl could wish. With the headstrong Stubbs on one side and Harry and Hannah, her conniving cousins on the other, Violet is plunged into a world of shop-lifting, weird science, deadly secrets and belly button rings. And she ventures to a terrifying place that no one has ever been before... so close to home, yet so very far away.

A small town is haunted by a crime from 15 years ago. Not one suspect was ever brought to justice. But now, 15 years later, when likely suspects seem to be disappearing from tragic events, the town's down-and-out fire chief may know more than he's letting on. David, the alcoholic fire chief, has had too many things go wrong in his life and has nothing left to live for. Brian Grace lost his daughter 15 years ago and has looked for her ever since. His bodyguard, Jason, is a tough character that likes to control his surroundings and protect his employer. Kelly, the detective, is an attractive woman and finds herself getting more involved with the case than anyone could have predicted. And, there is Chad and his three friends; a tough and nasty group of old school mates that cause trouble wherever they turn up. What could possibly be happening in this small town, and is it even connected to a girl's disappearance 15 long years ago?

Born in Warsaw, raised in a Hasidic community, and reaching maturity in secular Jewish Vilna and cosmopolitan Berlin, Abraham Joshua Heschel (1907-1972) escaped Nazism and immigrated to the United States in 1940. This lively and readable book tells the comprehensive story of his life and work in America, his politics and personality, and how he came to influence not only Jewish debate but also wider religious and cultural debates in the postwar decades. A worthy sequel to his widely-praised biography of Heschel's early years, Edward Kaplan's new volume draws on previously unseen archives, FBI files, interviews with people who knew Heschel, and analyses of his extensive writings. Kaplan explores Heschel's shy and private side, his spiritual radicalism, and his vehement defence of the Hebrew prophets' ideal of absolute integrity and truth in ethical and political life. Of special interest are Heschel's interfaith activities, including a secret meeting with Pope Paul VI during Vatican II, his commitment to civil rights with Martin Luther King, Jr., his views on the state of Israel, and his opposition to the Vietnam War. A tireless challenger to spiritual and religious complacency, Heschel stands as a dramatically important witness.

Written by distinguished physics educator David Goodstein, this fresh introduction to thermodynamics, statistical mechanics, and the study of matter is ideal for undergraduate courses. The textbook looks at the behavior of thermodynamic variables and examines partial derivatives - the essential language of thermodynamics. It also explores states of matter and the phase transitions between them, the ideal gas equation, and the behavior of the atmosphere. The origin and meaning of the laws of thermodynamics are then discussed, together with Carnot engines and refrigerators, and the notion of reversibility. Later chapters cover the partition function, the density of states, and energy functions, as well as more advanced topics such as the interactions between particles and equations for the states of gases of varying densities. Favoring intuitive and qualitative descriptions over exhaustive mathematical derivations, the textbook uses numerous problems and worked examples to help readers get to grips with the subject.

Tough Call

The Greatest Adventure of All Time

N O I R

A Lopsided Look at Life, Marriage and Family

What Stress Can Do

Understanding Boltzmann's Entropy

For more than a century before airplanes, people explored the sky in balloons. From 1783 to the early 1900s, aeronauts flew into storms, crossed large bodies of water, sailed over enemy armies, and soared to deadly altitudes. Illustrated in full color with dramatuc period artwork, Sky Sailors by David L. Bristow presents the stories of the pioneers of human flight, such as Salomon Andree, who lead an aerial assault on the North Pole in 1897.

David Werden wants nothing more than to lead a quiet, ordinary life. But his world is turned upside down when an unknown event changes the face of the planet. Realizing he cannot live alone in the ruins of the old world, and compelled by a strange internal force to reach the sea, he sets out on foot, carrying what he can, struggling against the harsh post-apocalyptic world. Thrust into the leadership of a band of survivors, David struggles to scratch out the necessities of life while dealing with the staggering destruction and overwhelming sense of loss - and begins to understand the tragic and marvelous events that have occurred to the planet and to humanity itself. Finding love and betrayal, he must fight those who cling to the old world and those who are embracing a growing number of people coming to terms with their new levels of perception and insight into the Universal Mind.

Traditional beliefs about meeting goals are fundamentally flawed. Goal setting tactics assume goals are measurable, achieved, and final-all attributes that describe objectives, not goals. Unlike objectives, which are by their very nature self-contained, goals are immeasurable. A goal is realized, not achieved, and must be maintained to remain successful. What good is the goal if it is not achieved? Losing twenty pounds is an objective. Keeping that twenty pounds from returning is a goal, which must be maintained to remain a success. In Three Your Life, entrepreneur and accidental expatriate David R. Sanders applies this important distinction between goals and objectives. Beginning with attitude, outlook, and perception, Sanders builds a solid foundation on which to build. Between needs, wants, and desires-and discover how focusing on desires causes everything else to fall into place. To realize desires, Sanders reevaluates conventional thinking on prioritizing tasks, using a three-part daily structure that ensures you're working toward a productive and fulfilling life. A fresh new approach to goal setting, Three Your Life offers the opportunity to understand the difference between the two.

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

Once Again

You Can Heal Your Heart

Wild World

An Introduction to Statistical Thermodynamics

Me and E

Anxiety and the Equation

This book provides a fresh, photon?based description of modern molecular spectroscopy and photophysics, with applications drawn from chemistry, biology, physics and materials science. The concise and detailed approach includes some of the most recent devel

Reading is a revolutionary act, an act of engagement in a culture that wants us to disengage. In The Lost Art of Reading, David L. Ulin asks a number of timely questions - why is literature important? What does it offer, especially now? Blending commentary with memoir, Ulin addresses the importance of the simple act of reading in an increasingly digital culture. Reading a book, flipping through hard pages, or shuffling them on screen - it doesn't matter. The key is the act of reading, and it's seriousness and depth. Ulin emphasizes the importance of reflection and pause allowed by stopping to read a book, and the accompanying focus required to let the mind run free in a world that is not one's own. Are we willing to risk our collective interest in contemplation, nuanced thinking, and empathy? Far from preaching to the choir, The Lost Art of Reading is a call to arms, or rather, to pages.

This title presents 30 papers on software engineering by David L. Parnas. Topics covered include: software design, social responsibility, concurrency, synchronization, scheduling and the Strategic Defence Initiative ("Star Wars").

Whether it's your daily dealings at work or a pervasive concern for your physical safety, the stress you regularly experience may actually be more harmful than the threat that triggered it. Not only can it lead to isolation and an erosion of happiness, stress can be biologically harmful, bringing about health issues, such as heart disease, high blood pressure, ulcers, and strokes. In short, successfully managing stress could be nothing less than a life-or-death situation. Now, professional biofeedback practitioner Harry L. Campbell presents "What Stress Can Do," his unprecedented guide to the importance of minimizing everyday stress in order to short-circuit its many serious side effects. What's more, his easy-to-implement recommendations enable you to do so without use of any drugs. Recent data on the prevalence of stress documents that as much as 90 percent of all doctors' office visits are related to stress. However, with the right skills and perspective, you can preempt the physical fallout from the tolls of daily life, and gain new mastery over your mind. The time is right to take a step back, breathe easy, and once and for all address all that ails you.

The Solid State

True Stories of the Balloon Era

Slightly Skewed

The Second Media Age