

Focus On Photography Textbook Jansbooksz

The finest guidebook ever written for Kauai. This brand new fifth edition has more useful information, the most up to date maps and scores of hidden gems listed nowhere else. This book and a rental car are all you need to discover what makes the Garden Island so special. Book jacket.

Stephen Pople, one of today's most respected science authors, has created a totally new physics book to prepare students for examinations. Complete Physics covers all syllabuses due to a unique combination of Core Pages and Further Topics. Each chapter contains core material valid for all syllabuses. Further Topics at the end can be selected to provide the right mix of pages for the syllabus you are teaching. Key Points: · Totally new book constructed from an analysis of all GCSE Physics syllabuses including IGCSE, CXC, and O'Level · Sets the traditional principles of physics in a modern and global perspective and uses illustrations with a worldwide context · Extra topics to give a truly rounded curriculum · Double-page spread format · Ideal for those students intending to take physics to a more advanced level

Science Fiction Superstar William Gibson comes to comics! The U.S. political leaders of 2016 abandon the radioactive planet they've destroyed and harness the power of humanity's last hope: The Splitter, a colossal machine designed to manufacture a bright new reality for them to infiltrate and corrupt.

"While I've found most mystery/thrillers to be rehashes of the same old plot line, this was refreshingly new/original." - Jack Murphy, New York Times bestselling author of Reflexive Fire
Charlotte Halliwell has a secret. Before she has the chance to reveal it to her sister, Audrey, she's found dead. At first glance, it appears to be nothing more than an accident, until poison is found coursing through Charlotte's body. Audrey hires Sloane Monroe, a sassy, headstrong private investigator. As Sloane works to solve the case, a second body is found. With the killer aware that Sloane will stop at nothing to find him, he tracks her every move. Will Sloane uncover the truth before he strikes again? If you're a fan of Sue Grafton and Mary Higgins Clark, you'll enjoy this fast-paced, page-turning mystery. A New York Times and USA Today bestselling series. Readers are saying: "The tone reminds me of Robert B. Parker's novels." "The characters are interesting, and the plot kept me hooked." "The end caught me off-guard. It was perfect!" "Great characters, entertaining dialogue, and great plot development."

One bad corpse can ruin your whole day. Rhiannon Murphy left behind the flash and sass of Miami for the no-nonsense groove of New York City, eager for a clean slate and a fresh start. A bartender by trade, a loud mouth by choice, and a necromancer by chance; she managed to keep her nifty talent hidden from those around her -- until now. The deliciously good-looking vampire, Disco, knows her secret. When he strolls into her bar to solicit help investigating the mysterious disappearances of his kind from the city, Rhiannon discovers he's not the kind of person that appreciates the significance of the word no. But in a world where vampires peddle their blood as the latest and greatest drug of choice, it's only a matter of time before the next big thing hits the market. Someone or something is killing vampires to steal their hearts, and unlike Rhiannon, this isn't their first stroll around the undead block. **Warning. Contains coarse language, violence, sexual situations, violence. For mature audiences only.**

Experienced Guidance on the Technical Issues of Decommissioning Projects Written by one of the original MARSSIM authors, Decommissioning Health Physics: A Handbook for MARSSIM Users, Second Edition is the only book to incorporate all of the requisite technical aspects of planning and executing radiological surveys in support of decommissioning. Extensively revised and updated, it covers survey instrumentation, detection sensitivity, statistics, dose modeling, survey procedures, and release criteria. New to the Second Edition Chapter on hot spot assessment that recognizes appropriate dosimetric significance of hot spots when designing surveys and includes a new approach for establishing hot spot limits Chapter on the clearance or release of materials, highlighting aspects of the MARSAME manual Revised chapter on characterization survey design to reflect guidance in ANSI N13.59 on the value of data quality objectives (DQOs) Updated regulations and guidance documents throughout Updated survey instrumentation used to support decontamination and decommissioning (D&D) surveys, including expanded coverage of in situ gamma spectrometers Revised statistics chapter that includes an introduction to Bayesian statistics and additional double sampling and ranked set sampling statistical approaches More case studies and examples throughout Implement the Surveys Effectively and Avoid Common Pitfalls With more than 20 years of experience as a practitioner in the decommissioning survey field, author Eric W. Abelquist prepares you for the technical challenges associated with planning and executing MARSSIM surveys. He discusses the application of statistics for survey design and data reduction and addresses the selection of survey instrumentation and detection sensitivity. He presents final status survey procedures and covers pathway modeling to translate release criteria to measurable quantities. He also offers solutions for navigating the complexity inherent in designing and implementing MARSSIM and MARSAME surveys. Detailed derivations, thorough discussions of technical bases, and real-world examples and case studies illustrate effective strategies for demonstrating to regulators and stakeholders that contaminated sites can be released for other beneficial uses.

Cyberpunk and Cyberculture explores the work of a wide range of writers- Acker, Cadigan, Rucker, Shierley, Sterling, Williams and, of course, Gibson - setting their work in the context of science fiction, other literary genres, genre cinema - from Metropolis to Terminator to The Matrix - and contemporary work on the culture of technology.

The Orphan Collector A Heroic Novel of Survival During the 1918 Influenza Pandemic Kensington Books

C. S. Lewis spent a good portion of each day corresponding with people via handwritten letters. Over his lifetime he wrote thousands of letters in which he offered his friends and acquaintances advice on the Christian life, giving away a bit of himself to each of these correspondents as he signed his notes with a heartfelt and familiar, "yours, Jack." Most of these letters are currently only available in their entirety—a collection consisting of three hefty tomes. Yours, Jack features the best inspirational readings and sage counsel culled from C. S. Lewis's letters, offering an accessible look at this great author's personal vision for the spiritual life. This thematic selection from his letters offers the freshest presentation of Lewis's writings since his death in 1963. Yours, Jack will showcase Lewis's remarkable teachings and vision for a new generation.

This book offers students and practitioners alike an integrated approach to strategic planning for companies. Marcos Fava Neves presents a new and unique perspective on this critical topic based on three main points: strongly demand-driven decisions that bridge the gap between long- and short-term strategy; a vision of a company as an integrated network, full of relationships that deserve consideration during the planning process; and the introduction of 'collective-action' thinking, which raises the prospect for cooperation between competitors. With this clear, comprehensive framework for strategic

planning, companies can be sure to navigate today's complex environment and enhance their prospects of success.

Scott Foresman Reading Street ((c)2008) components for Grade 1.

This is the must have book for success in competitive exams. The comprehensive English grammar and composition is very good book for thorough preparation for the competitive exams. The book covers the entire syllabus for gaining clear concepts in English. It is an excellent book for grammar practice and has many exercises and detailed explanation. The book is very nice and explanation is very simple and good. The book is very helpful for the beginners also since it gives detailed explanations of the different concepts of English grammar.

A new collection of philosophical biographies of key figures in Black Southern American social and political thought Frederick Douglass, Booker Washington and Ida Wells. Thurgood Marshall and Martin King are focused upon, together with Howard Thurman, Richard Wright, Fred Gray and Barbara Jordan. All are important in various ways to the movements this book seeks out. From the perspective of liberation, the two high points in the African-American Odyssey are marked by Emancipation in the nineteenth century and Desegregation in the twentieth. Douglass bestriding the first, King and Marshall the second. The thread of resistance runs through most of these philosophical profiles, and the thread of non-violence, with greater or less force, also runs throughout. This volume assumes a distinction between (a) an earlier period when Afro-America was more cohesive and collectively committed to self-improvement despite the odds, and (b) the contemporary period, beyond desegregation, marked by rates never previously rivaled of suicide, joblessness, imprisonment, despair and alienation, especially among black poor. The life stories and philosophies presented here make fascinating reading. This book is a Special Issue of the leading journal, *Critical Review of International Social and Political Philosophy*.

Instant New York Times Bestseller From the internationally bestselling author of *What She Left Behind* comes a gripping and powerful tale of upheaval—a heartbreaking saga of resilience and hope perfect for fans of *Beatriz Williams* and *Kristin Hannah*—set in Philadelphia during the 1918 Spanish Flu outbreak—the deadly pandemic that went on to infect one-third of the world's population... “Readers will not be able to help making comparisons to the COVID-19 pandemic, and how little has changed since 1918. Wiseman has written a touching tale of loss, survival, and perseverance with some light fantastical elements. Highly recommended.” —Booklist “An immersive historical tale with chilling twists and turns. Beautifully told and richly imagined.” —Stephanie Dray, New York Times bestselling author of *America's First Daughter* In the fall of 1918, thirteen-year-old German immigrant Pia Lange longs to be far from Philadelphia's overcrowded slums and the anti-immigrant sentiment that compelled her father to enlist in the U.S. Army. But as her city celebrates the end of war, an even more urgent threat arrives: the Spanish flu. Funeral crepe and quarantine signs appear on doors as victims drop dead in the streets and desperate survivors wear white masks to ward off illness. When food runs out in the cramped tenement she calls home, Pia must venture alone into the quarantined city in search of supplies, leaving her baby brothers behind. Bernice Groves has become lost in grief and bitterness since her baby died from the Spanish flu. Watching Pia leave her brothers alone, Bernice makes a shocking, life-altering decision. It becomes her sinister mission to tear families apart when they're at their most vulnerable, planning to transform the city's orphans and immigrant children into what she feels are “true Americans.” Waking in a makeshift hospital days after collapsing in the street, Pia is frantic to return home. Instead, she is taken to St. Vincent's Orphan Asylum – the first step in a long and arduous journey. As Bernice plots to keep the truth hidden at any cost in the months and years that follow, Pia must confront her own shame and fear, risking everything to see justice – and love – triumph at last. Powerful, harrowing, and ultimately exultant, *The Orphan Collector* is a story of love, resilience, and the lengths we will go to protect those who need us most. “Wiseman's writing is superb, and her descriptions of life during the Spanish Flu epidemic are chilling. Well-researched and impossible to put down, this is an emotional tug-of-war played out brilliantly on the pages and in readers' hearts.” —*The Historical Novels Review*, EDITOR'S CHOICE “Wiseman's depiction of the horrifying spread of the Spanish flu is eerily reminiscent of the present day and resonates with realistic depictions of suffering, particularly among the poorer immigrant population.” —*Publishers Weekly* (Boxed Review) “Reading the novel in the time of COVID-19 adds an even greater resonance, and horror, to the description of the fatal spread of that 1918 flu.” —*Kirkus Review* “An emotional roller coaster...I felt Pia's strength, courage, guilt, and grief come through the pages clear as day.” —*The Seattle Book Review*

The Complete Classroom Set, Print & Digital includes: 30 print Student Editions 30 Student Learning Center subscriptions 1 print Teacher Edition 1 Teacher Lesson Center subscription 11th printing Bibliography: p. 443-446. Includes index.

C. S. Lewis, the great British novelist and Christian apologist, has been credited by many—including the author—for aiding their journey to the Catholic Church. For this reason, it is often perplexing that Lewis himself never became Catholic. In *C. S. Lewis and the Catholic Church*, Joseph Pearce delves into Lewis's life, writings, and spiritual influences to shed light on the matter. Although C. S. Lewis's conversion to Christianity was greatly influenced by J. R. R. Tolkien, a Catholic, and although Lewis embraced many distinctively Catholic teachings, such as purgatory and the sacrament of Confession, he never formally entered the Church. Meticulously researched and beautifully written, this book digs deep to present the facts of Lewis's life, to illuminate key points in his writings, and to ask the question: Was C. S. Lewis on the path to Rome? This revised and updated edition—with a new introduction by Father Dwight Longenecker—is a fascinating historical, biographical, theological, and literary account of a man whose writings have led scores to the Catholic Church, despite never having become a Catholic himself. Now revised and updated, this classic book is still the definitive step-by-step guide to creating cutting edge print ads. It covers everything from how advertising works, how brand-building methodologies are changing, how to get an idea, and how copy and art should be crafted. It demystifies the advertising creative process, with page after page of practical, inspiring and often controversial advice from such masters as David Abbott, Bob Barrie, Tim Delaney, David Droga, Neil French, Marcello Serpa, and dozens more. Over 200 print ads and case histories reveal the creative processes at work in world-famous agencies in the US, UK, Asia and Australia. This new edition also includes an exclusive section featuring winning ads from the World Press Awards. No other book takes you on such a journey through the minds of advertising's creative leaders.

This book introduces students to the basics of computers, software and internet along with how to program computers using the C language. It is intended for an introductory course that gives beginning engineering and science students a firm rooting in the fundamental principles of computers and information technology, and also provides invaluable insights into key concepts of computing through development of skills in programming and problem solving using C language. To this end, the book is eminently suitable for the first-year engineering students of all branches and MCA students, as per the prescribed syllabus of several universities. C is a difficult language to learn if it is not methodically introduced. The book explains C and its basic programming techniques in a way suitable for beginning students. It begins by giving students a solid foundation in algorithms to help them grasp the overall concepts of programming a computer as a problem-solving tool. Simple aspects of C are introduced first to enable students to quickly start writing programs. More difficult concepts in the latter parts of the book, such as pointers and their use, have been presented in an accessible manner making the learning of C an exciting and interesting experience. The methodology used is to illustrate each new concept

with a program and emphasize a good style in programming to allow students to gain sufficient skills in problem solving. KEY FEATURES Self-contained introduction to both computers and programming for beginners All important features of C illustrated with over 100 examples Good style in programming emphasized Laboratory exercises on applications of MS Office, namely, Word processing, Spreadsheet, PowerPoint are included.

THEIR LOVE IS IN DANGER.... Caleb and Gianna went from being enemies to friends to falling for each other. They hid their new relationship from the one person who would try to keep them apart. But now their secret was out and they were fighting to stay together. Running away wouldn't solve their problems, but it allowed them a break from real life. Unfortunately, new problems arose. Caleb still fought giving all of himself to Gianna and Gianna tried to hide the hurt it caused her. When opposition becomes too strong and they are forced apart, will Caleb be able to win Gianna back?

The most comprehensive yet easy to use guidebook series to Hawaii now brings you Oahu Revealed. Written by the authors of the best selling guides: Maui Revealed, Hawaii The Big Island Revealed and The Ultimate Kauai Guidebook. Doughty and Friedman actually hike all the trails, ride the boats, scuba dive the reefs, dine in the restaurants, review all the resorts, snorkel the coastline, explore the hidden waterfalls and share all the secrets that they find. Everything is reviewed anonymously. This book and a rental car are all you need to discover what makes Oahu so exciting. The 20 specially created maps include access to even the most remote beaches, landmarks (so you always know where you are), hiking trails and numerous details in an easy-to-follow format. Clear, concise directions to get to those hard to find places such as deserted beaches, hidden waterfalls, pristine rain forests, spectacular coastlines, and scores of hidden gems listed nowhere else. Web site with links to every business, last minute updates and more. Plus Web pages available exclusively to readers that expand on all accommodation reviews with aerial photos of all the resorts (so you'll know if oceanfront really means oceanfront) and our trademark brutally honest reviews. Driving tours of the island let you structure your trip your way. Special sections on Beaches, Attractions and Adventures. Symbols quickly identify recommended sights and companies. This book shows you which companies really are the best and which to avoid. Easy to use; no thumbing through every page looking for what you want. Written by island residents who know the island. Actual prices for restaurants, hotels and activities. (Not vague symbols such as three forks to indicate meal prices or general terms such as moderately priced.) Frank, honest opinions throughout. No Advertisements. Fascinating stories and legends from all around the island. They've covered it all from the top of the Koolaus to the lost sunken island of Kaneohe. This is the best investment you can make for your Oahu vacation. Whether you are a first time visitor or a long time kamaaina, you will find out more about Oahu from this book than from any other source. Discover the island of your dreams with Oahu Revealed.

One of the New York Times' most popular journalists presents groundbreaking scientific news about marriage. And, surprise: It's good news. We've all heard the statistic: Fifty percent of marriages end in divorce. It's enough to make many couples give up when the going gets rough, thinking that's what everybody else does. But what if it weren't true? What if, in fact, it's not only possible but often easier than you think to save a seemingly troubled relationship? These are the questions Tara Parker-Pope asked herself after her own divorce. An investigative journalist on the health and wellness beat, she turned to some of the top biologists, neuroscientists, psychologists, and other scientists for the facts about marriage and divorce. Those facts were more positive and provocative than she'd ever expected, and For Better offers page after page of astonishing, eye-opening good news. Parker-Pope presents the science behind why some marriages work and others don't; the biology behind why some spouses cheat and others remain faithful; the best diagnostic tools created by the most cutting-edge psychologists to assess the probability of success in getting married, staying married, or remarrying. There are questionnaires to uncover potentially damaging hidden attitudes toward spouses. There are tools to show the impact of routine, fresh activity and how small adjustments can make a huge difference. Tara Parker-Pope's genius is for exploring the science behind the big issues that affect our lives every day and translating that science into advice that we can use every day. For Better is the definitive guide to the most profound relationship of our lives.

Gerald Alva Miller Jr.'s Understanding William Gibson is a thoughtful examination of the life and work of William Gibson, author of eleven novels and twenty short stories. Gibson is the recipient of many notable awards for science fiction writing including the Nebula, Hugo, and Philip K. Dick awards. Gibson's iconic novel, Neuromancer, popularized the concept of cyberspace. With his early stories and his first trilogy of novels, Gibson became the father figure for a new genre of science fiction called "cyberpunk" that brought a gritty realism to its cerebral plots involving hackers and artificial intelligences. This study situates Gibson as a major figure in both science fiction history and contemporary American fiction, and it traces how his aesthetic affected both areas of literature. Miller follows a brief biographical sketch and a survey of the works that influenced him with an examination that divides Gibson's body of work into early stories, his three major novel trilogies, and his standalone works. Miller does not confine his study to major works but instead also delves into Gibson's obscure stories, published and unpublished screenplays, major essays, and collaborations with other authors. Miller's exploration starts by connecting Gibson to the major countercultural movements that influenced him (the Beat Generation, the hippies, and the punk rock movement) while also placing him within the history of science fiction and examining how his early works reacted against contemporaneous trends in the genre. These early works also exhibit the development of his unique aesthetic that would influence science fiction and literature more generally. Next a lengthy chapter explicates his groundbreaking Sprawl Trilogy, which began with Neuromancer. Miller then traces Gibson's aesthetic transformations across his two subsequent novel trilogies that increasingly eschew distant futures either to focus on our contemporary historical moment as a kind of science fiction itself or to imagine technological singularities that might lie just around the corner. These chapters detail how Gibson's aesthetic has morphed along with social, cultural, and technological changes in the real world. The study also looks at such standalone works as his collaborative steampunk novel, his attempts at screenwriting, his major essays, and even his experimental hypertext poetry. The study concludes with a discussion of Gibson's lasting influence and a brief examination of his most recent novel, The Peripheral, which signals yet another radical change in Gibson's aesthetic.

Demonstrates art theory, techniques, and effects for figure drawing, watercolor, and oil painting, and provides details on related matters

The Soprano Sorceress, the first novel in New York Times bestselling author L. E. Modesitt, Jr.'s epic fantasy series the Spell Song Cycle about a singer and music instructor at Iowa State University who gets far more than she expected when she is magically transported to the world of Erde. On Erde, Anna Marshall is no longer just a professional singer. In this world, song is magic, making Anna a sorceress, potentially the strongest in Erde. Here, a wrong note can mean death to a sorcerer, but Anna's lifetime of training means she can sing more powerfully and precisely than anyone else. Her power does not go unnoticed and makes her a target. To survive, Anna must learn enough song-magic and understand this new world. The Spell Song Cycle The Soprano Sorceress The Spell Song War Dark Song Rising The Shadow Sorceress Shadow Singer Other series by this author: The Imager Portfolio The Saga of Recluce The Corean Chronicles The Ghost Books The Ecolitan Matter At the Publisher's request, this title is being sold without Digital Rights Management Software (DRM) applied.

The pixel as the organizing principle of all pictures, from cave paintings to Toy Story. The Great Digital Convergence of all media types into one universal digital medium occurred, with little fanfare, at the recent turn of the millennium. The bit became the universal medium, and the pixel--a particular packaging of bits--conquered the world. Henceforward, nearly every picture in the world would be composed of pixels--cell phone pictures, app interfaces, Mars Rover transmissions, book illustrations, videogames. In *A Biography of the Pixel*, Pixar cofounder Alvy Ray Smith argues that the pixel is the organizing principle of most modern media, and he presents a few simple but profound ideas that unify the dazzling varieties of digital image making. Smith's story of the pixel's development begins with Fourier waves, proceeds through Turing machines, and ends with the first digital movies from Pixar, DreamWorks, and Blue Sky. Today, almost all the pictures we encounter are digital--mediated by the pixel and irretrievably separated from their media; museums and kindergartens are two of the last outposts of the analog. Smith explains, engagingly and accessibly, how pictures composed of invisible stuff become visible--that is, how digital pixels convert to analog display elements. Taking the special case of digital movies to represent all of Digital Light (his term for pictures constructed of pixels), and drawing on his decades of work in the field, Smith approaches his subject from multiple angles--art, technology, entertainment, business, and history. *A Biography of the Pixel* is essential reading for anyone who has watched a video on a cell phone, played a videogame, or seen a movie.

Designed to equip students with the skills for effective business communication, *Communicating for Results* offers practical, classroom-tested instruction not just in grammar but in the rhetorical techniques and persuasive strategies that students need to become effective writers and speakers. Supplemented with abundant group and individual activities to reinforce key principles and help students hone their skills, this invaluable text will teach students to communicate with confidence.

Provides a comprehensive coverage of the subject, Emphasis is laid to ensure the conceptual understanding of numerical methods, Formulae for different numerical methods have been derived in the simplest manner, algorithms for these methods are developed using pseudo language, Large number of programming exercises to test your for reference, large number of multiple choice questions and review exercises to test your programming skills acquired, Majority of the algorithms are implemented in C,C++ and FORTRAN languages.

As industrial control systems (ICS), including SCADA, DCS, and other process control networks, become Internet-facing, they expose crucial services to attack. Threats like Duqu, a sophisticated worm found in the wild that appeared to share portions of its code with the Stuxnet worm, emerge with increasing frequency. Explaining how to develop and implement an effective cybersecurity program for ICS, *Cybersecurity for Industrial Control Systems: SCADA, DCS, PLC, HMI, and SIS* provides you with the tools to ensure network security without sacrificing the efficiency and functionality of ICS. Highlighting the key issues that need to be addressed, the book begins with a thorough introduction to ICS. It discusses business, cost, competitive, and regulatory drivers and the conflicting priorities of convergence. Next, it explains why security requirements differ from IT to ICS. It differentiates when standard IT security solutions can be used and where SCADA-specific practices are required. The book examines the plethora of potential threats to ICS, including hi-jacking malware, botnets, spam engines, and porn dialers. It outlines the range of vulnerabilities inherent in the ICS quest for efficiency and functionality that necessitates risk behavior such as remote access and control of critical equipment. Reviewing risk assessment techniques and the evolving risk assessment process, the text concludes by examining what is on the horizon for ICS security, including IPv6, ICSv6 test lab designs, and IPv6 and ICS sensors.

This publication draws conclusions from IIEP's research into ethics and corruption in education. It defines the key concepts of corruption, transparency, accountability and ethics and identifies the main opportunities for corruption in education. It then looks at tools that can be used to assess corruption problems such as perception and tracking surveys. Lessons are drawn from strategies used worldwide to improve transparency and accountability in educational management.

This volume joins the pragmatic philosophy of Deleuze to current affairs. The twelve new essays in this volume use a contemporary context to think through and with Deleuze. Engaging the here and now, the contributors use the Deleuzian theoretical apparatus to think about issues such as military activity in the Middle East, refugees, terrorism, information and communication, and the State. The book is aimed both at specialists of Deleuze and those who are unfamiliar with his work but who are interested in current affairs. Incorporating political theory and philosophy, culture studies, sociology, international studies, and Middle Eastern studies, the book is designed to appeal to a wide audience.

Meant as a companion to *The ACS Style Guide*, not a competitor, this book is an extraordinary resource for upper-level chemistry majors as well as graduate students faced with writing a journal article, a conference abstract, or a thesis. Full of prepared research projects and exercises, *WriteLike a Chemist* provides expert instruction ideal for students from diverse backgrounds, including both native and nonnative speakers of English. It is specifically designed to help students transition from the writing skills required in undergraduate lecture and laboratory classes to writing skills required by career chemists: a journal article, a scientific poster, and a research proposal. Each of these types of writing is directed towards a different audience, and writing for a journal requires a different writing style than writing a research proposal for the National Science Foundation. Thus to write like a chemist requires that one learns to write for different audiences. This book assists young scientists in developing that essential writing skill.

"A collection of writings on the subject of heaven from some of the greatest religious thinkers of the Christian faith"--Provided by publisher.

About the Book: This book is an attempt to consolidate the basic scientific studies in the machining area so that fundamental mechanics and other concepts related to primary machining processes could be understood. The book is essentially designed for senior undergraduate mechanical and production engineering students but practicing engineers will also find it useful for tool and product design. The topics covered include plastic deformation, chip formation, tool geometry, mechanics of orthogonal and oblique cutting, measurement of cutting force, cutting temperature, tool wear and tool life, economics of machining, grinding of metals and machining vibrations. The analyses presented have been illustrated through numerical examples. Review questions and bibliography are also included. About the Author: Dr. G.K. Lal has been associated with the Indian Institute of Technology, Kanpur for the past 34 years. He retired as a Professor of Mechanical Engineering in 2003 and had earlier held the positions of Dean (1976-80) and Deputy Director (1982-88). Before joining IIT Kanpur he had taught at the Banaras Hindu University and held research positions at the University of Sherbrooke (Canada) and the Carnegie-Mellon University (USA). He also worked as a Design Engineer with the Abitibi Paper and Power Corp. of Canada.

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