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KEY=AND - GALVAN NEAL

LARGE-SCALE C++ VOLUME II

DESIGN AND IMPLEMENTATION

Addison-Wesley Professional Company Designing scalable software in C++ requires more than just a sound understanding of logical design. Senior developers, architects, and project leaders need a grasp of high-level physical design concepts that even many software experts have never explored. In Large-Scale C++ Volume I: Process and Architecture, John Lakos takes a practitioner's view of modern large-scale software development, helping experienced professionals apply architectural-level physical design concepts in their everyday work. Lakos teaches critical concepts clearly and concisely, with new high-value examples. Up to date and modular, Large-Scale C++ Volume I is designed to help you solve problems right now, and serve as an appealing reference for years to come.

LARGE-SCALE C++ SOFTWARE DEVELOPMENT

PROCESS AND ARCHITECTURE

Addison-Wesley Professional Designing scalable software in C++ requires more than just a sound understanding of the logical design issues covered in most C++ programming books. To succeed, senior developers, architects, and project leaders need a grasp of high-level physical design concepts with which even expert software developers have little or no experience. This concise, approachable guide takes a practitioner's view of large-scale software development, while providing all the information you need to quickly apply architectural-level physical design concepts in your everyday work. All content is presented in self-contained modules that make it easy to find what you need -- and use it. John Lakos presents crucial new material on runtime dependencies and other architectural issues, as well as realistic small examples that add value by illuminating broad and deep issues in large-scale C++ application design.

LARGE-SCALE C++ SOFTWARE DESIGN

Addison-Wesley Professional Software -- Programming Languages.

LARGE-SCALE C++ VOLUME I

PROCESS AND ARCHITECTURE

Designing scalable software in C++ requires more than just a sound understanding of logical design. Senior developers, architects, and project leaders need a grasp of high-level physical design concepts that even many software experts have never explored. In Large-Scale C++, Volume I: Process and Architecture , John Lakos takes a practitioner's view of modern large-scale software development, helping experienced professionals apply architectural-level physical design concepts in their everyday work. Lakos teaches critical concepts clearly and concisely, with new high-value examples. Up to date and modular, Large-Scale C++, Volume I, is designed to help you solve problems right now, and serve as an indispensable reference for years to come.

LARGE-SCALE C++ VOLUME I

PROCESS AND ARCHITECTURE

Addison-Wesley Professional Writing reliable and maintainable C++ software is hard. Designing such software at scale adds a new set of challenges. Creating large-scale systems requires a practical understanding of logical design – beyond the theoretical concepts addressed in most popular texts. To be successful on an enterprise scale, developers must also address physical design, a dimension of software engineering that may be unfamiliar even to expert developers. Drawing on over 30 years of hands-on experience building massive, mission-critical enterprise systems, John Lakos shows how to create and grow Software Capital. This groundbreaking volume lays the foundation for projects of all sizes and demonstrates the processes, methods, techniques, and tools needed for successful real-world, large-scale development. Up to date and with a solid engineering focus, Large-Scale C++, Volume I: Process and Architecture, demonstrates fundamental design concepts with concrete examples. Professional developers of all experience levels will gain insights that transform their approach to design and development by understanding how to Raise productivity by leveraging differences between infrastructure and application development Achieve exponential productivity gains through feedback and hierarchical reuse Embrace the component's role as the fundamental unit of both logical and physical design Analyze how fundamental properties of compiling and linking affect component design Discover effective partitioning of logical content in appropriately sized physical aggregates Internalize the important differences among sufficient, complete, minimal, and primitive

software Deliver solutions that simultaneously optimize encapsulation, stability, and performance Exploit the nine established levelization techniques to avoid cyclic physical dependencies Use lateral designs judiciously to avoid the "heaviness" of conventional layered architectures Employ appropriate architectural insulation techniques for eliminating compile-time coupling Master the multidimensional process of designing large systems using component-based methods This is the first of John Lakos's three authoritative volumes on developing large-scale systems using C++. This book, written for fellow software practitioners, uses familiar C++ constructs to solve real-world problems while identifying (and motivating) modern C++ alternatives. Together with the forthcoming Volume II: Design and Implementation and Volume III: Verification and Testing, Large-Scale C++ offers comprehensive guidance for all aspects of large-scale C++ software development. If you are an architect or project leader, this book will empower you to solve critically important problems right now – and serve as your go-to reference for years to come. Register your book for convenient access to downloads, updates, and/or corrections as they become available. See inside book for details.

GRE 4000

THE 4000 WORDS ESSENTIAL FOR THE GRE

Nova Press The verbal section of the GRE is essentially a vocabulary test. With a few exceptions, if you know the word, you will probably be able to answer the question correctly. Thus, it is crucial that you improve your vocabulary. Even if you have a strong vocabulary, you will still encounter unfamiliar words on the GRE. Many students write off questions, which contain words, they don't recognize. This is a mistake. This book introduces numerous techniques that decode unfamiliar words and prod your memory of words you only half-remember. With these techniques, you will often be able to squeeze out enough meaning from an unfamiliar word to answer a question correctly. Nevertheless, don't rely on just these techniques--you must study word lists. Obviously, you cannot attempt to memorize the dictionary, and you don't need to. The GRE tests a surprisingly limited number of words, and this book has 4000 prime candidates. Granted, memorizing a list of words is rather dry, but it is probably the most effective way of improving your performance on the verbal section. All the words you need for success on the GRE! Features: * 4000 Words Defined * Word Analysis section * 200 Prefixes, Roots, and Suffixes * Concise, practical definitions

CHRISTMAS DESIGNS COLORING BOOK

Createspace Independent Publishing Platform Christmas Designs Coloring Book: Christmas Coloring This is a time of joy for Christmas, relaxation meditation and blessing, This Christmas Designs Coloring Book theme will help you always access to the happy time, We are provides the different design for this Christmas Designs Coloring Book, Enjoy to Christmas Designs Coloring Book!

MIDAS

Createspace Independent Publishing Platform Dr. Brooke Spencer always felt different from other girls. Now a successful scientist, she is finally discovering where she belongs: working alongside the brilliant, trailblazing researcher Dr. Charles Samuelson. Dr. Samuelson has recently made a discovery that has eluded philosophers and dreamers for centuries: How to transmute iron into gold. Determined to use the knowledge for good, Dr. Samuelson recruits Brooke to assist him with his new plan, his "Golden Manifesto." But humans are not alone and his discovery has not gone unnoticed. Extraterrestrial visitors seek to control Dr. Samuelson's Breakthrough, and before long, Brooke is all that stands between Earth and total Destruction. Will she be able to hold her ground? Or will the timeless temptation of gold prove too much for even the strongest of spirits? Brooke will soon face a choice that will make her question her background, her career, and the fate of the planet.

THE CLUTTER BOOK

WHEN YOU CAN'T LET GO

Clutter has a negative effect on your life. You want to live differently, but you haven't been able to make progress. Marcie Lovett, author of The Clutter Book, will motivate you to make the changes you want. Learn to let go of what you don't need and find room for what you value. The direct, accessible writing style and interactive exercises will inspire you to succeed. In this book, Marcie guides you through the process of letting go of the clutter that is keeping you from achieving success. Whether your clutter is caused by things, commitments or thoughts, Marcie encourages you to make the choices to conquer your challenges. If previous attempts at letting go of clutter have not been successful for you, you will benefit from the motivation and wisdom Marcie offers. Written in a straightforward and accessible style, filled with insight and real-life stories, the book enables readers to learn from the experience of others and overcome obstacles to success. You will understand why you keep clutter, save time and money by avoiding unnecessary purchases, discover the habits that hold you back, find ways to fight procrastination and create systems that allow you to retrieve and return items. Whether you want to live with less or live with what you have, this is the book for you.

DIVINE VENGEANCE

BOOK 2, TRIAL OF FIRE TRILOGY

Createspace Independent Publishing Platform Divine Vengeance weaves intrigue and drama through the accurate and volatile historical events of the Cathar wars in thirteenth century France. A brutal massacre sponsored by the Pope. Brother Raimon cannot reconcile the dissonance between his faith and the violence. Nor can he rationalize his love for a Guilelma, a Cathar heretic. What starts as offering a helping hand, soon turns into organized aid for fleeing heretics. Now Raimon is captured attempting to sabotage the trebuchet Malvoisine, and he is to be burned at the stake...along with 180 heretics...and the woman he loves. Sadly the brutality of crusade leader Simon de Montfort is not contrived. The Cathar crusade was the first pogrom aimed at a Christian region. It led to the dark years of the Inquisition and set a concerning tone that influenced Western thought for centuries. Action, intrigue, geography, an era of history rife with contradictions, and an unrequited love. Join the adventure!

YOU DECIDE

A PARANORMAL COLORING BOOK

Createspace Independent Pub The sketch-style depictions and unusual fonts create an eerie atmosphere where the reader has to decide if what they see really happened or if it is just a work of fiction. Includes writing space for your conclusions. This book makes a great group activity. This is not intended for children. Contains brief nudity.

30 DAYS TO SELL

CreateSpace Nominated for a Small Business Marketing Book award!. You have 30 days to convert a user to a paying customer starting NOW. The clock is ticking. What will you do? Collecting and analysing the messaging and strategies the leading e-commerce, software and service companies use as they convert trial users to customers in the most important 30 days after sign-up. Each companies strategy is broken down and presented in an easy to use and understand visual guide. 30 days to sell is a must buy if you are looking to automate and improve new customer conversion. This book covers: Activation campaigns from the worlds leading web companies. Easy reference guide - what message to send and when. Full page examples of each marketing message. Steal ideas from successful entrepreneurs, marketers and growth hackers. Two new bonus chapters showcasing more activation campaigns.

WILD WORLD

William Mulvey 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.

THE DUH! BOOK OF MANAGEMENT AND SUPERVISION

DISPELLING COMMON LEADERSHIP MYTHS

Common Sense Press (Melrose, FL) Managerial styles are influenced by habit, familiarity, and workplace culture. It's no wonder that well-intentioned professionals doing their best to be good organizational leaders often repeat unhelpful supervisory practices experienced in their early careers, even if they disliked them at the time. In the DUH! Book of Management and Supervision, the author disagrees with many accepted leadership principles (unabashedly referring to them as myths) and makes new and different approaches easier to imagine. Her challenging and controversial concepts illustrated with poignant stories suggest common-sense and immediately applicable alternatives more suitable in today's workplace.

THE GOSPELS AND ACTS BOOK 2

BIBLE STUDY GUIDES AND COPYWORK BOOK - (ST. MATTHEW, ST. MARK, ST. LUKE, ST. JOHN AND THE BOOK OF ACTS) - MEMORIZE THE BIBLE: BIBLE STUDY GUIDES AND COPYWORK BOOK - (ST. MATTHEW, ST. MARK, ST. LUKE, ST. JOHN AND THE BOOK OF ACTS) - MEMORIZE THE BIBLE

Examined Solutions Pte Limited The Gospels and Acts are composed of writings from St. Matthew, St. Mark, St. Luke, St. John and the Book of Acts. The purpose of which is to give you the spiritual lens that will enable you to see clearly what you fail to see using your physical lens. As you read this collection, try to see the three spiritual themes to it. Get a copy today.

ME FIRST

A DELICIOUSLY SELFISH TAKE ON LIFE

Three Ducks in a Row Publishing Have you ever thought about what your life would be like if it revolved around you? Me First: A Deliciously Selfish Take on Life is an unapologetic and hilarious perspective on what it takes to get to the top and to live life on your own terms. Before making any big decision such as getting into a relationship or choosing a career path-you will start with the most important question: What do I want? The second question you will ask is: How does this decision, action, or choice benefit me directly? If it's not what you want or does not benefit you directly, don't do it. At the heart of Me First is the belief that YOU deserve to be happy and fulfilled. Its "Delish-isms" will show you how to become the number one priority in your life and become smarter and more strategic about your relationships, career, health, and finances. Every chapter also contains "Kick Starters" to help you get moving in the right direction. How selfish, right? Absolutely! A deliciously selfish life means taking a step back from the craziness to figure out who you are and what you want, and once you do, to own it. Because the only person holding you back from getting what you want is you.

IN THE BEGINNING

AND OTHER ESSAYS ON INTELLIGENT DESIGN

In this revised and expanded collection of essays on origins, mathematician Granville Sewell looks at the big bang, the fine-tuning of the laws of physics, and (especially) the evolution of life. Sewell explains why evolution is a fundamentally different and much more difficult problem than others solved by science, and why increasing numbers of scientists are now recognizing what has long been obvious to the layman, that there is no explanation possible without design. This book summarizes many of the traditional arguments for intelligent design, but presents some powerful new arguments as well.

DRY HEAT

A NOVEL

Elhuevopublishing Dry Heat is the debut novel by indie author Steven Eggleton. A dirty, angry, and often painfully funny read, Dry Heat explores the angst and confusion people in their early twenties frequently feel. Written in Eggleton's skeptical, sardonic, and bluntly frank narrative voice, the book chronicles a little over a year in the life of Vincente Vasquez, a disillusioned grocery-store clerk living in Tucson, Arizona. Chiefly concerned with escaping the drudgery of work, social equality, and the pursuit of sex; Dry Heat is a visceral and raw novel that's sure to leave an impression.

BUILDING MOBILE APPS AT SCALE

39 ENGINEERING CHALLENGES

While there is a lot of appreciation for backend and distributed systems challenges, there tends to be less empathy for why mobile development is hard when done at scale. This book collects challenges engineers face when building iOS and Android apps at scale, and common ways to tackle these. By scale, we mean having numbers of users in the millions and being built by large engineering teams. For mobile engineers, this book is a blueprint for modern app engineering approaches. For non-mobile engineers and managers, it is a resource with which to build empathy and appreciation for the complexity of world-class mobile engineering. The book covers iOS and Android mobile app challenges on these dimensions: Challenges due to the unique nature of mobile applications compared to the web, and to the backend. App complexity challenges. How do you deal with increasingly complicated navigation patterns? What about non-deterministic event combinations? How do you localize across several languages, and how do you scale your automated and manual tests? Challenges due to large engineering teams. The larger the mobile team, the more challenging it becomes to ensure a consistent architecture. If your company builds multiple apps, how do you balance not rewriting everything from scratch while moving at a fast pace, over waiting on "centralized" teams? Cross-platform approaches. The tooling to build mobile apps keeps changing. New languages, frameworks, and approaches that all promise to address the pain points of mobile engineering keep appearing. But which approach should you choose? Flutter, React Native, Cordova? Native apps? Reuse business logic written in Kotlin, C#, C++ or other languages? What engineering approaches do "world-class" mobile engineering teams choose in non-functional aspects like code quality, compliance, privacy, compliance, or with experimentation, performance, or app size?

THE DRY CREEK CHRONICLES

19TH CENTURY IDAHO FARM LIFE

The Dry Creek Chronicles offer a window onto the daily lives of Idaho families who owned and worked the land in the Dry Creek Valley and Green Meadow, southwestern Idaho, from 1863 to 1900. Two nineteenth century farming communities, one in the creek valley and one on the floodplain of the Boise River, forged an enduring social bond through marriage and shared economic fortunes in similar environments. Over the course of forty years, however, their destinies diverged: one remained rural for more than 150 years, while the other became a settled part of nearby Boise City. This is the story of the families who created those communities.

THE BOOK OF ELI - SOLARA

THE VERSE OF SHADOW

"The Book of Eli - Solara: The Verse of Shadow," is the story of Solara and her mission to save her blind mother from Carnegie. This story is a fan-told expansion of the original 2010 movie The Book of Eli starring Denzel Washington (Eli) and Mila Kunis (Solara). Throughout this book, the reader follows Solara as the main character and receives closure to the original story. This book will appeal to those who enjoy fan fiction.

MARY JANE'S COLORING BOOK

HIGH MAINTENANCE

Createspace Independent Publishing Platform Relax and color with Mary Jane, warning she's a little high maintenance. 20 pin up pages plus 10 bonus pages. This book is recommended for ages 18 and up only. Cheri Lyn Shull aka "Queen Sexy" is a self taught American artist. You will never find her without her precious art supplies or at the very least a pen to scribble on a napkin with. She's a dreamer, a mother/domestic goddess/workaholic, a left-handed tattoo collector, a lover of all things handmade and vintage. As survivor and advocate for domestic violence awareness, she wants her art to encourage women to empower themselves and push beyond their own limits. All of her work is hand drawn and then digitized for you to colorize. She specializes in risque cartoon pin up characters known as "Karleigh Sue" and "Mary Jane" which you can purchase by the book full (Amazon) or individually for crafting. Visit her site cherishull.com"

LET PATIENTS HELTP : A PATIENT "ENGAGEMENT" HANDBOOK - HOW DOCTORS, NURSES, PATIENTS AND CAREGIVERS CAN PARTNER FOR BETTER CARE

Createspace Independent Publishing Platform Concise reasons, tips & methods for making patient engagement effective. The third book by e-Patient Dave, cancer beater, blogger, internationally known keynote speaker and advocate for patient engagement; co-founder and past co-chair of the Society for Participatory Medicine. Profile: www.ePatientDave.com/about-dave The book's web page: http://epatientdave.com/let-patients-help Buyers of the earlier pre-release editions will be offered 50% off on this final edition. Stay tuned for details.

BENEVOLENT

Gaby LeFevre is a suburban, Midwestern firecracker, growing up in the 80s and 90s and saving the world one homeless person, centenarian, and orphan at a time. With her crew of twin sister, Annie, smitten Mikhail, and frenemy Mel, she's a pamphlet-wielding humanitarian, tackling a broken world full of heroes and heroines, villains and magical seeds, and Northwyth stories. Beginning with a roadkill-burying nine-year-old and a gas-leak explosion, it follows Gaby as she traverses childhood and young adulthood with characteristic intensity and a penchant for disaster. Meanwhile, the large cast of compelling characters entertains and the Northwyth legends draw you into their magic.

FINDING MEMPHIS

Createspace Independent Publishing Platform Dustin is a seventeen-year-old young man who finds out that his girlfriend, Sandy

THE MAHABHARATA BOOK II

THE BOOK OF THE ASSEMBLY HALL

ABOUT THE MAHABHARATA The Mahabharata is the greatest epic of India, and arguably the greatest epic of any country. It is well known for including the Bhagavad Gita, an important scripture that has influenced great thinkers like Gandhi, Aldous Huxley, Thoreau, J. Robert Oppenheimer, Ralph Waldo Emerson, Carl Jung, and Herman Hesse. However, the Gita represents only 700 verses out of 200,000 total in this epic. In addition to its philosophical chapters, the Mahabharata is a great work of imagination and adventure. When you read it you will be transported to a world where demigods and goddesses sport with men and women. A beautiful girl can take birth from the belly of a fish. A prince might get a wife from archery competitions or kidnapping. And God Himself (Krishna) might be your best friend. There is no other book like it. ABOUT THIS EDITION Anyone who has studied the Bhagavad Gita must be interested in reading the whole book. When I was a Hare Krishna devotee I certainly wished I could do that. Several summaries of the Mahabharata exist, but it is impossible to condense eighteen books into one without omitting anything worthwhile. The onlycomplete English translation of the book is this one, by Kisari Mohan Ganguli. These volumes are based on a text file scanned at sacred-texts.com. If you have a Kindle you can read this translation without cost by downloading it from http://www.gutenberg.org/. Amazon.com also has their own versions of these books which you may download for free from the Kindle Store. While reading these free e-books I decided that I really wanted a bound and printed version. The books have thousands of footnotes, which doesn't work well in e-book format. While this translation is still in print, every existing edition leaves something to be desired. When I was in the Hare Krishnas I owned a complete set of their books, and they were the most beautiful books you can imagine. I wanted to have an edition of the complete Mahabharata that was worthy to share the same book case as those books, so I decided to prepare a newedition using Create Space and offer it for sale at the lowest possible price. Each volume in this edition represents many hours of work. I have moved the footnotes in these volumes (again, thousands of them) from the end of the book back to the bottoms of the pages for easier reading. I have replaced archaic words like "behoveth" with "behooves", etc., where it was possible to do so without rewriting the sentences where they appear. I have also fixed hundreds of variant spellings, and replaced obscure words like "welkins" and "horripliated" with more common ones. Finally, the original work didnot translate the titles of the individual books, so I have used the names found on Wikipedia. Thus Adi Parva in the original becomes The Book Of The Beginning. The illustrations are from a Hindi translation of the Mahabharata that has also fallen into the public domain. (http://openlibrary.org/books/OL23365037M/Mahabharata.) I have used page images provided at archive.org and have cleaned them up using The GIMP software. Theresults speak for themselves. When all the volumes are published there will be nearly 300 full page illustrations. In short, I have spared no effort to make this the most complete, most readable, and most attractive edition of the Mahabharata in English. While I no longer practice the Vaishnava religion I hope that these books will meet with the approval of my former godbrothers and godsisters. I do not believe that they will find anything offensive in them. BHAKTA JIM

ENERGY RESEARCH ABSTRACTS

40 HOMES

Jenny was left by her parents at a stanger's door. She goes from home to home hoping to find the home that will keep her and love her . But every home gets ripped from her fingers . The only stable thing in her unstable life is the social worker at the State Child Protection Office, Mary . Maybe with Mary, Jenny will find her way through the maze of life.

SCIENTIFIC AND TECHNICAL AEROSPACE REPORTS

ARCHITECTURAL RECORD

ISOTOPES AND RADIATION TECHNOLOGY

ANAEROBIC FERMENTATION OF AGRICULTURAL RESIDUE

POTENTIAL FOR IMPROVEMENT AND IMPLEMENTATION : FINAL REPORT, VOLUME II

INTERNATIONAL ENCYCLOPEDIA OF ERGONOMICS AND HUMAN FACTORS - 3 VOLUME SET

CRC Press The first encyclopedia in the field, the International Encyclopedia of Ergonomics and Human Factors provides a comprehensive and authoritative compendium of current knowledge on ergonomics and human factors. It gives specific information on concepts and tools unique to ergonomics. About 500 entries, published in three volumes and on CD-ROM, are pre

RESOURCES IN VOCATIONAL EDUCATION

TALIS 2018 RESULTS (VOLUME II) TEACHERS AND SCHOOL LEADERS AS VALUED PROFESSIONALS

TEACHERS AND SCHOOL LEADERS AS VALUED PROFESSIONALS

OECD Publishing This report aims to provide an in-depth analysis of teachers' and school leaders' perceptions of the value of their profession, their work-related well-being and stress, and their satisfaction with their working conditions. It also offers a description of teachers' and school leaders' contractual arrangements, opportunities to engage in professional tasks such as collaborative teamwork, autonomous decision making, and leadership practices.

ADVANCED PRACTICES IN TRAVEL FORECASTING

Transportation Research Board TRB's National Cooperative Highway Research Program (NCHRP) Synthesis 406: Advanced Practices in Travel Forecasting explores the use of travel modeling and forecasting tools that could represent a significant advance over the current state of practice. The report examines five types of models: activity-based demand, dynamic network, land use, freight, and statewide.

NUCLEAR SCIENCE ABSTRACTS

LARGE-SCALE DISTRIBUTED SYSTEMS AND ENERGY EFFICIENCY

A HOLISTIC VIEW

John Wiley & Sons Addresses innovations in technology relating to the energy efficiency of a wide variety of contemporary computer systems and networks With concerns about global energy consumption at an all-time high, improving computer networks energy efficiency is becoming an increasingly important topic. Large-Scale Distributed Systems and Energy Efficiency: A Holistic View addresses innovations in technology relating to the energy efficiency of a wide variety of contemporary computer systems and networks. After an introductory overview of the energy demands of current Information and Communications Technology (ICT), individual chapters offer in-depth analyses of such topics as cloud computing, green networking (both wired and wireless), mobile computing, power modeling, the rise of green data centers and high-performance computing, resource allocation, and energy efficiency in peer-to-peer (P2P) computing networks. Discusses measurement and modeling of the energy consumption method Includes methods for energy consumption reduction in diverse computing environments Features a variety of case studies and examples of energy reduction and assessment Timely and important, Large-Scale Distributed Systems and Energy Efficiency is an invaluable resource for ways of increasing the energy efficiency of computing systems and networks while simultaneously reducing the carbon footprint.

CHEMICAL ENGINEERING VOLUME 2

Elsevier Chemical Engineering Volume 2 covers the properties of particulate systems, including the character of individual particles and their behaviour in fluids. Sedimentation of particles, both singly and at high concentrations, flow in packed and fluidised beads and filtration are then examined. The latter part of the book deals with separation processes, such as distillation and gas absorption, which illustrate applications of the fundamental principles of mass transfer introduced in Chemical Engineering Volume 1. In conclusion, several techniques of growing importance - adsorption, ion exchange, chromatographic and membrane separations, and process intensification - are described. A logical progression of chemical engineering concepts, volume 2 builds on fundamental principles contained in Chemical Engineering volume 1 and these volumes are fully cross-referenced Reflects the growth in complexity and stature of chemical engineering over the last few years Supported with further reading at the end of each chapter and graded problems at the end of the book

ENVIRONMENTAL EFFECTS OF PRODUCING ELECTRIC POWER: (VOL. I AND VOL. II) JANUARY 27, 28, 29, 30; FEBRUARY 24, 25, AND 26, 1970

Examines effects on environment resulting from generating electricity from power stations fueled by water power, fossil fuels such as coal and petroleum, and nuclear power. Focuses on waste disposal, power plant siting, and thermal and chemical discharges.