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[Awakening of the Soul Introduction to the Thermodynamics of Materials, Fifth Edition](#) [Komodo Dragons Electrical Contacts Depression Stories Phase Equilibria in Chemical Engineering A Century of Negro Migration The Art of Boot and Shoemaking Security in Translation Volunteer Is a Work of Heart The Everything Organize Your Home Book Numerical Methods and Modeling for Chemical Engineers The Clutter-Free Home Practical TCP/IP and Ethernet Networking for Industry The Rice Diet Solution Ethical Dimensions in the Health Professions - E-Book Mixing in the Process Industries Arduino Home Automation Projects Furniture Makeovers The Buy Nothing, Get Everything Plan Rethink: The Way You Live Ethical Hacker's Certification Guide \(CEHv11\) Veterinary Clinical Pathology Small Space Style Networking All-in-One For Dummies Practical Network Security Process Heat Transfer Mastering Python Networking Building the Web of Things Report - National Advisory Committee For Aeronautics, Issues 83-110 Sixteenth Regiment Connecticut Volunteers Excursion and Reunion at Antietam Battlefield, September 17, 1889](#)

**Komodo Dragons** Aug 23 2022 More than twenty years have passed since Walter Auffenberg's monumental *The Behavioral Ecology of the Komodo Monitor*. In the intervening years the populations of Komodo dragons—native only to a handful of islands in southeast Indonesia—have dwindled, sparking intensive conservation efforts. During the last two decades new information about these formidable predators has emerged, and the most important findings are clearly presented here. A memoir from Walter Auffenberg and his son Kurt is followed by the latest information on Komodo dragon biology, ecology, population distribution, and behavior. The second part of the book is dedicated to step-by-step management and conservation techniques, both for wild and captive dragons. This successful model is a useful template for the conservation of other endangered species as well, for, as Kurt and Walter Auffenberg note, “The species may well indeed survive in the wild for generations to come while countless other organisms are lost.”

**Ethical Hacker's Certification Guide (CEHv11)** Jan 04 2021 Dive into the world of securing digital networks, cloud, IoT, mobile infrastructure, and much more. KEY FEATURES ? Courseware and practice papers with solutions for C.E.H. v11. ? Includes hacking tools, social engineering techniques, and live exercises. ? Add on coverage on Web apps, IoT, cloud, and mobile Penetration testing. DESCRIPTION The 'Certified Ethical Hacker's Guide' summarises all the ethical hacking and penetration testing fundamentals you'll need to get started professionally in the digital security landscape. The readers will be able to approach the objectives globally, and the knowledge will enable them to analyze and structure the hacks and their findings in a better way. The book begins by making you ready for the journey of a seasonal, ethical hacker. You will get introduced to very specific topics such as reconnaissance, social engineering, network intrusion, mobile and cloud hacking, and so on. Throughout the book, you will find many practical scenarios and get hands-on experience using tools such as Nmap, BurpSuite, OWASP ZAP, etc. Methodologies like brute-forcing, wardriving, evil twinning, etc. are explored in detail. You will also gain a stronghold on theoretical concepts such as hashing, network protocols, architecture, and data encryption in real-world environments. In the end, the evergreen bug bounty programs and traditional career paths for safety professionals will be discussed. The reader will also have practical tasks and self-assessment exercises to plan further paths of learning and certification. WHAT YOU WILL LEARN ? Learn methodologies, tools, and techniques of penetration testing and ethical hacking. ? Expert-led practical demonstration of tools and tricks like nmap, BurpSuite, and OWASP ZAP. ? Learn how to perform brute forcing, wardriving, and evil twinning. ? Learn to gain and maintain access to remote systems. ? Prepare detailed tests and execution plans for VAPT (vulnerability assessment and penetration testing) scenarios. WHO THIS BOOK IS FOR This book is intended for prospective and seasonal cybersecurity lovers who want to master cybersecurity and ethical hacking. It also assists software engineers, quality analysts, and penetration testing companies who want to keep up with changing cyber risks. TABLE OF CONTENTS 1. Cyber Security, Ethical Hacking, and Penetration Testing 2. CEH v11 Prerequisites and Syllabus 3. Self-Assessment 4. Reconnaissance 5. Social Engineering 6. Scanning Networks 7. Enumeration 8. Vulnerability Assessment 9. System Hacking 10. Session Hijacking 11. Web Server Hacking 12. Web Application Hacking 13. Hacking Wireless Networks 14. Hacking Mobile Platforms 15. Hacking Cloud, IoT, and OT Platforms 16. Cryptography 17. Evading Security Measures 18. Practical Exercises on Penetration Testing and Malware Attacks 19. Roadmap for a Security Professional 20. Digital Compliances and Cyber Laws 21. Self-Assessment-1 22. Self-Assessment-2

**The Clutter-Free Home** Oct 13 2021 When it comes to your home, peace is possible... Longing for a place of peace from which you can love others well? The Clutter-Free Home is your room-by-room guide to decluttering, reclaiming, and celebrating every space of your home. Let author Kathi Lipp (who once lived a life buried in clutter) walk you through each room of your house to create organizational zones that are not only functional and practical but create places of peace that reflect your personality. Kathi will help you tackle the four-step process of dedicate, decide, declutter and “do-your-thing” to reveal the home you’ve always dreamed of, and then transform it into a haven that reflects who you truly are meant to be. If you’re also feeling overwhelmed by the care and upkeep of all the stuff under your feet or sense that your home is running you, instead of the other way around, come discover how to create a space that doesn’t have to be showroom perfect to be perfect for you and the people you love.

**Practical Network Security** Aug 31 2020 Prepare yourself for any type of audit and minimize security findings DESCRIPTION This book is a guide for Network professionals to understand real-world information security scenarios. It offers a systematic approach to prepare for security assessments including process security audits, technical security audits and Penetration tests. This book aims at training pre-emptive security to network professionals in order to improve their understanding of security infrastructure and policies. With our network being exposed to a whole plethora of security threats, all technical and non-technical people are expected to be aware of security processes. Every security assessment (technical/ non-technical) leads to new findings and the cycle continues after every audit. This book explains the auditor's process and expectations. KEY FEATURES It follows a lifecycle approach to information security by understanding: Why we need Information security How we can implement How to operate securely and maintain a secure posture How to face audits WHAT WILL YOU LEARN This book is solely focused on aspects of Information security that Network professionals (Network engineer, manager and trainee) need to deal with, for different types of Audits. Information Security Basics, security concepts in detail, threat Securing the Network focuses on network security design aspects and how policies influence network design decisions. Secure Operations is all about incorporating security in Network operations. Managing Audits is the real test. WHO THIS BOOK IS FOR IT Heads, Network managers, Network planning engineers, Network Operation engineer or anybody interested in understanding holistic network security. Table of Contents ?1. Basics of Information Security 2. Threat Paradigm 3. Information Security Controls 4. Decoding Policies Standards Procedures & Guidelines 5. Network security design 6. Know your assets 7. Implementing Network Security 8. Secure Change Management 9. Vulnerability and Risk Management 10. Access Control 11. Capacity Management 12. Log Management 13. Network Monitoring 14. Information Security Audit 15. Technical Compliance Audit 16. Penetration Testing

**Report - National Advisory Committee For Aeronautics, Issues 83-110** Apr 26 2020 This work has been selected by scholars as being culturally important, and is part of the knowledge base of civilization as we know it. This work was reproduced from the original artifact, and remains as true to the original work as possible. Therefore, you will see the original copyright references, library stamps (as most of these works have been housed in our most important libraries around the world), and other notations in the work. This work is in the public domain in the United States of America, and possibly other nations. Within the United States, you may freely copy and distribute this work, as no entity (individual or corporate) has a copyright on the body of the work. As a reproduction of a historical artifact, this work may contain missing or blurred pages, poor pictures, errant marks, etc. Scholars believe, and we concur, that this work is important enough to be preserved, reproduced, and made generally available to the public. We appreciate your support of the preservation process, and thank you for being an important part of keeping this knowledge alive and relevant.

**The Rice Diet Solution** Aug 11 2021 Can you really lose twenty pounds in a month? Will you really keep it off this time? With The Rice Diet Solution, you will! The Rice Diet Program has been helping dieters successfully lose weight since 1939. Now in book form, this world-renowned weight-loss method can help you change the way you eat forever. The Rice Diet Program in Durham, North Carolina, was one of the first medical facilities in America to use diet as the primary way to treat disease. On this high-complex-carb, low-fat, and low-sodium whole-foods diet, “Ricers” lose weight faster, more safely, and more effectively than people on any other diet. Men lose on average twenty-eight to thirty pounds and women on average nineteen to twenty pounds per month! The Rice Diet also detoxes your body, ridding it of excess water weight and toxins from processed foods and the environment. The program's results have been documented by extensive studies and confirmed by thousands of people who report amazing weight loss, as well as immediate improvement in such conditions as heart disease, diabetes, and hypertension. Here's how it works: The Rice Diet strictly limits salt and sodium-rich ingredients. Salt, like refined sugar, is an appetite stimulant, so when you reduce salt intake, you lose water weight and are less inclined to overeat. The Rice Diet also limits saturated fats and instead relies on carbohydrates (fruits, vegetables, grains, and beans) as the main source of nutrition. The fiber cleanses your system and satisfies you so you feel full quickly. The Rice Diet makes it easy to limit calories; when you're eating foods that truly satisfy your hunger, it's a challenge to eat 1,500 calories per day! To make it easy to follow the program, The Rice Diet Solution includes hundreds of tasty, filling, easy-to-prepare recipes—some from the Rice House kitchen, others inspired by major chefs and adapted to Rice Diet standards.

**Building the Web of Things** May 28 2020 Summary A hands-on guide that will teach how to design and implement scalable, flexible, and open IoT solutions using web technologies. This book focuses on providing the right balance of theory, code samples, and practical examples to enable you to successfully connect all sorts of devices to the web and to expose their services and data over REST APIs. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Because the Internet of Things is still new, there is no universal application protocol. Fortunately, the IoT can take advantage of the web, where IoT protocols connect applications thanks to universal and open APIs. About the Book Building the Web of Things is a guide to using cutting-edge web technologies to build the IoT. This step-by-step book teaches you how to use web protocols to connect real-world devices to the web, including the Semantic and Social Webs. Along the way you'll gain vital concepts as you follow instructions for making Web of Things devices. By the end, you'll have the practical skills you need to implement your own web-connected

products and services. What's Inside Introduction to IoT protocols and devices Connect electronic actuators and sensors (GPIO) to a Raspberry Pi Implement standard REST and Pub/Sub APIs with Node.js on embedded systems Learn about IoT protocols like MQTT and CoAP and integrate them to the Web of Things Use the Semantic Web (JSON-LD, RDFa, etc.) to discover and find Web Things Share Things via Social Networks to create the Social Web of Things Build a web-based smart home with HTTP and WebSocket Compose physical mashups with EVERYTHING, Node-RED, and IFTTT About the Reader For both seasoned programmers and those with only basic programming skills. About the Authors Dominique Guinard and Vlad Trifa pioneered the Web of Things and cofounded EVERYTHING, a large-scale IoT cloud powering billions of Web Things. Table of Contents PART 1 BASICS OF THE IOT AND THE WOT From the Internet of Things to the Web of Things Hello, World Wide Web of Things Node.js for the Web of Things Getting started with embedded systems Building networks of Things PART 2 BUILDING THE WOT Access: Web APIs for Things Implementing Web Things Find: Describe and discover Web Things Share: Securing and sharing Web Things

*Awakening of the Soul* Oct 25 2022 In 2002, Grace J. Scott began to receive messages from those beyond the grave. Grace felt it her duty to record their voices, their thoughts, and even their warnings. Awakening of the Soul is the amazing result. This intriguing collection of channeled thoughts from souls in heaven, other planetary systems, and other universes will benefit those seeking spiritual growth as well as those wanting information about preparing for upcoming Earth changes. Much of the material is packed with information and requires time to read and digest while other material is simple and easily understood. Presented in chronological order as received in reflexology sessions, the conversations are completely original, unedited, and unorganized, straight from the spirit itself. Some spirits channeled big lessons for the general public or gave messages to individuals while some explained disasters, politics, wars, dreams, and events in our daily lives. But all of the souls have one thing in common: they bring news that Earth is cleansing itself at a rapid pace, and they are here to assist us through the cleansing and beyond. Epic in scope, Awakening of the Soul is a vital tool for those looking to the future and to the fate of Earth itself.

**Small Space Style** Nov 02 2020 Interior design maven Whitney Leigh Morris makes living in under 400 square feet look elegant and effortless—even with a husband, baby, and two Beagles in the mix. In her debut book, Whitney shares her ideas and practices for making any tiny space efficient and stylish—whether it's a rustic A-frame in the woods or a chic microapartment in the city. Featuring 300 tips for making the most of your little home, Small Space Style is the must-have, incredibly inspirational guide for living large in compact quarters. Join small space lifestyle expert Whitney Leigh Morris as she demonstrates how to keep clutter to a minimum, craft double duty layouts, personalize chic storage, go vertical when surfaces are limited, DIY clever custom built-ins, and even entertain a crowd within confined square footage. With chapters centered around the essentials—living, sleeping, eating, and bathing—Small Space Style features real-life examples from Whitney's own delightful and sophisticated cottage in Venice Beach, California, as well as home tours of some of her favorite tiny houses, micro apartments, and beautiful, efficient small spaces.

*Numerical Methods and Modeling for Chemical Engineers* Nov 14 2021 This text introduces the quantitative treatment of differential equations arising from modeling physical phenomena in chemical engineering. Coverage includes recent topics such as ODE-IVPs, emphasizing numerical methods and modeling of 1984-era commercial mathematical software.

**Mixing in the Process Industries** Jun 09 2021 This volume is a valuable reference work for the student and the practising engineer in the chemical, pharmaceutical, minerals, food, plastics, paper and metallurgical industries. The second edition of this successful text has been thoroughly rewritten and updated. Based on the long running post-experience course produced by the University of Bradford, in association with the Institution of Chemical Engineers, it covers all aspects of mixing, from fundamentals through to design procedures in single and multi-phase systems. Experts from both industry and academia have contributed to this work giving both a theoretical practical approach. It covers dry and wet powders, single and two-phase liquids, solid/liquid and gas/liquid systems. The range of mixers available for such diverse duties is dealt with, including tumbler mixers for powders, mechanically agitated vessels, in-line continuous mixers and jet mixers. Coverage is given of the range of mixing objectives, varying from achieving product uniformity to obtaining optimum conditions for mass transfer and chemical reactions. This volume is a valuable reference work for the student and the practising engineer in the chemical, pharmaceutical, minerals, food, plastics, paper and metallurgical industries. The second edition of this successful text has been thoroughly rewritten and updated. Based on the long running post-experience course produced by the University of Bradford, in association with the Institution of Chemical Engineers, it covers all aspects of mixing, from fundamentals through to design procedures in single and multi-phase systems. Experts from both industry and academia have contributed to this work giving both a theoretical practical approach. It covers dry and wet powders, single and two-phase liquids, solid/liquid and gas/liquid systems. The range of mixers available for such diverse duties is dealt with, including tumbler mixers for powders, mechanically agitated vessels, in-line continuous mixers and jet mixers. Coverage is given of the range of mixing objectives, varying from achieving product uniformity to obtaining optimum conditions for mass transfer and chemical reactions.

**The Everything Organize Your Home Book** Dec 15 2021 Are you living in cramped quarters with no space to breathe? Do you feel overwhelmed by all that clutter? Would you prefer to do it yourself than pay a professional organizer? Then get ready to add order to your home - one room at a time! This book shows how to set up a home office anywhere, maximize closet and self space, and more.

**The Art of Boot and Shoemaking** Mar 18 2022

**Security in Translation** Feb 17 2022 Security in Translation proposes an innovative way to capture the evolution, spread and local transformation of threat images in world affairs. Reworking traditional securitization theory, this book develops a coherent new framework for analysis that makes securitization theory applicable to empirical studies.

**Mastering Python Networking** Jun 28 2020 Become an expert in implementing advanced, network-related tasks with Python. About This Book Build the skills to perform all networking tasks using Python with ease Use Python for network device automation, DevOps, and software-defined networking Get practical guidance to networking with Python Who This Book Is For If you are a network engineer or a programmer who wants to use Python for networking, then this book is for you. A basic familiarity with networking-related concepts such as TCP/IP and a familiarity with Python programming will be useful. What You Will Learn Review all the fundamentals of Python and the TCP/IP suite Use Python to execute commands when the device does not support the API or programmatic interaction with the device Implement automation techniques by integrating Python with Cisco, Juniper, and Arista eAPI Integrate Ansible using Python to control Cisco, Juniper, and Arista networks Achieve network security with Python Build Flask-based web-service APIs with Python Construct a Python-based migration plan from a legacy to scalable SDN-based network. In Detail This book begins with a review of the TCP/IP protocol suite and a refresher of the core elements of the Python language. Next, you will start using Python and supported libraries to automate network tasks from the current major network vendors. We will look at automating traditional network devices based on the command-line interface, as well as newer devices with API support, with hands-on labs. We will then learn the concepts and practical use cases of the Ansible framework in order to achieve your network goals. We will then move on to using Python for DevOps, starting with using open source tools to test, secure, and analyze your network. Then, we will focus on network monitoring and visualization. We will learn how to retrieve network information using a polling mechanism, flow-based monitoring, and visualizing the data programmatically. Next, we will learn how to use the Python framework to build your own customized network web services. In the last module, you will use Python for SDN, where you will use a Python-based controller with OpenFlow in a hands-on lab to learn its concepts and applications. We will compare and contrast OpenFlow, OpenStack, OpenDaylight, and NFV. Finally, you will use everything you've learned in the book to construct a migration plan to go from a legacy to a scalable SDN-based network. Style and approach An easy-to-follow guide packed with hands-on examples of using Python for network device automation, DevOps, and SDN.

*Practical TCP/IP and Ethernet Networking for Industry* Sep 12 2021 Preface; Introduction to Communications; Networking Fundamentals; Ethernet Networks; Fast and Gigabit Ethernet Systems; Introduction to TCP/IP; Internet Layer Protocols; Host to Host Layer Protocols; Application Layer Protocols; TCP/IP Utilities; LAN System Components; The Internet; Internet Access; The Internet for Communications; Security Considerations; Process Automation; Installing and Troubleshooting TCP/IP; Satellites and TCP/IP.

*Introduction to the Thermodynamics of Materials, Fifth Edition* Sep 24 2022 "The CD contains data and descriptive material for making detailed thermodynamic calculations involving materials processing"—Preface.

**Volunteer Is a Work of Heart** Jan 16 2022 Looking for a great gift to show your appreciation and support for a friend? Need a new journal in your life? This unique funny notebook / journal is the perfect way to express your love and gratitude to your friends and family! Filled with 50+ double sided sheets (110 writing pages!) of lined paper, this inspirational notebook with motivational quote makes a memorable useful present for anybody. Give your friend an inspiring gift they'll remember! With a beautiful matte, full-color paperback cover, this cute lined notebook can be used as a diary to record all your creative stories. High quality ruled journal of ideal size suitable for kids, women or men to write. Best cool small gift under \$10! Desired Awesome Journals are perfect for: Birthday Christmas Gifts New Job Gift Colleague/ Co-worker/ Boss Gifts Journals & Planners Doodle Diaries Homeschool Planners for Kids Creative Writing Notebooks Gifts for Mom Dad, Grandma Grandpa, Cousins, Brother Sister Retirement Gifts School Notebooks Student Graduation Gifts Teacher Thank You Gifts Mom Daughter Journal Journaling For Kids Book Lover Souvenir Novelty Blank Scrapbook Monthly Project Tracker Practical Plan Checklist And much more..... Place your order today!

*Arduino Home Automation Projects* May 08 2021 This book is divided into projects that are explained in a step-by-step format, with practical instructions that are easy to follow. If you want to build your own home automation systems wirelessly using the Arduino platform, this is the book for you. You will need to have some basic experience in Arduino and general programming languages, such as C and C++ to understand the projects in this book.

*Process Heat Transfer* Jul 30 2020 Process Heat Transfer is a reference on the design and implementation of industrial heat exchangers. It provides the background needed to understand and master the commercial software packages used by professional engineers in the design and analysis of heat exchangers. This book focuses on types of heat exchangers most widely used by industry: shell-and-tube exchangers (including condensers, reboilers and vaporizers), air-cooled heat exchangers and double-pipe (hairpin) exchangers. It provides a substantial introduction to the design of heat exchanger networks using pinch technology, the most efficient strategy used to achieve optimal recovery of heat in industrial processes. Utilizes leading commercial software. Get expert HTRI Xchanger Suite guidance, tips and tricks previously available via high cost professional training sessions. Details the development of initial configuration for a heat exchanger and how to systematically modify it to obtain an efficient final design. Abundant case studies and rules of thumb, along with copious software examples, provide a complete library of reference designs and heuristics for readers to base their own designs on.

*A Century of Negro Migration* Apr 19 2022 Traces the migration north and westward of southern blacks, from colonial era through early 20th century. Documented with

information from newspapers, letters, academic journals, this study recounts decades of harassment, hope, achievement.

**Furniture Makeovers** Apr 07 2021 Transform tired furniture into stunning showpieces: "A fabulous how-to volume for everything from sanding to decoupage and beyond." —The City Sage blog You'll never look at a hand-me-down dresser the same way again! This book offers twenty-six easy-to-follow techniques that can be applied to all different types of pieces, from bookshelves to desks: painting, applying gold leaf, wallpapering, distressing, dip dyeing, and more. In addition to the core techniques, author and Knack Studios founder Barb Blair shares thirty beautiful before-and-after makeovers from her studio and outlines how to achieve each look. With helpful step-by-step photographs, a visual glossary explaining all the tools and materials needed, and a lovely contemporary aesthetic, Furniture Makeovers is a treasure trove of ideas and instruction for the home decorator. "Her amply illustrated book shows why her repurposed furniture is in demand." —Publishers Weekly

**The Buy Nothing, Get Everything Plan** Mar 06 2021 In the spirit of *The Gentle Art of Swedish Death Cleaning* and *The Joy of Less*, experience the benefits of buying less and sharing more with this accessible 7-step guide to decluttering, saving money, and creating community from the creators of the Buy Nothing Project. In their island community, friends Liesl Clark and Rebecca Rockefeller discovered that the beaches of Puget Sound were spoiled by a daily influx of plastic items and trash washing on shore. From pens and toothbrushes to toys and straws, they wondered, where did it all come from? Of course, it comes from us—our homes, our backyards, our cars, and our workplaces. And so, a rallying cry against excess stuff was born. In 2013, they launched the first Facebook Buy Nothing Project group in their small town off the coast of Seattle, and they never expected it to become a viral sensation. Today there are thousands of Buy Nothing groups all over the world, boasting more than a million members, and 5,000 highly active volunteers. Inspired by the ancient practice of gift economies, where neighbors share and pool resources, *The Buy Nothing, Get Everything Plan* introduces an environmentally conscious 7-step guide that teaches us how to buy less, give more, and live generously. At once an actionable plan and a thought-provoking exploration of our addiction to stuff, this powerful program will help you declutter your home without filling landfills, shop more thoughtfully and discerningly, and let go of the need to buy new things. Filled with helpful lists and practical suggestions including 50 items you never need to buy (Ziploc bags and paper towels) and 50 things to make instead (gift cards and salad dressing), *The Buy Nothing, Get Everything Plan* encourages you to rethink why you shop and embrace a space-saving, money-saving, and earth-saving mindset of buying less and sharing more.

**Sixteenth Regiment Connecticut Volunteers Excursion and Reunion at Antietam Battlefield, September 17, 1889** Mar 26 2020 This work has been selected by scholars as being culturally important and is part of the knowledge base of civilization as we know it. This work is in the public domain in the United States of America, and possibly other nations. Within the United States, you may freely copy and distribute this work, as no entity (individual or corporate) has a copyright on the body of the work. Scholars believe, and we concur, that this work is important enough to be preserved, reproduced, and made generally available to the public. To ensure a quality reading experience, this work has been proofread and republished using a format that seamlessly blends the original graphical elements with text in an easy-to-read typeface. We appreciate your support of the preservation process, and thank you for being an important part of keeping this knowledge alive and relevant.

**Electrical Contacts** Jul 22 2022 Various factors affect the performance of electrical contacts, including tribological, mechanical, electrical, and materials aspects. Although these behaviors have been studied for many years, they are not widely used or understood in practice. Combining approaches used across the globe, *Electrical Contacts: Fundamentals, Applications, and Technology* integrates advances in research and development in the tribological, material, and analytical aspects of electrical contacts with new data on electrical current transfer at the micro- and nanoscales. Taking an application-oriented approach, the authors illustrate how material characteristics, tribological behavior, and loading impact the degradation of contacts, formation of intermetallics, and overall reliability and performance. Coverage is divided broadly into three sections, with the first focused on mechanics, tribology, materials, current and heat transfer, and basic reliability issues of electrical contacts. The next section explores applications, such as power connections, electronic connections, and sliding contacts, while the final section presents the diagnostic and monitoring techniques used to investigate and measure phenomena occurring at electrical contact interfaces. Numerous references to current literature reflect the fact that this book is the most comprehensive survey in the field. Explore an impressive collection of data, theory, and practical applications in *Electrical Contacts: Fundamentals, Applications, and Technology*, a critical tool for anyone investigating or designing electrical equipment with improved performance and reliability in mind.

**Networking All-in-One For Dummies** Oct 01 2020 The bestselling guide for network administrators, fully updated for Windows 8 If you're responsible for a network, large or small, this book is your one-stop resource for all the essential details you need to know. Fully updated to cover Windows 8 and Windows Server 2012, it features the latest on broadband technologies, storage, backup procedures, and all the current networking trends. Nine handy minibooks cover the basics, building a network, administration and security, TCP/IP and the Internet, wireless networking, mobile networking, Windows Server 2012, using other Windows servers, and managing Linux systems. A proven bestseller, with more than 111,000 copies sold in four previous editions Written by veteran IT expert Doug Lowe, who has more than 50 technology books to his credit Provides one-stop shopping for everything networking professionals need to keep large or small networks functioning efficiently Updated with the latest information on building and administering a network, security, wireless and mobile networking, using Windows servers, working with Linux systems, and much more *Networking All-in-One For Dummies, 5th Edition* provides what network administrators need to know in a handy, easy-to-use reference.

**Veterinary Clinical Pathology** Dec 03 2020 *Veterinary Clinical Pathology: A Case-Based Approach* presents 200 cases with questions for those interested in improving their skills in veterinary clinical pathology. It emphasises an understanding of basic pathophysiologic mechanisms of disease, differential diagnoses and recognition of patterns associated with various diseases or conditions. Topics discussed include haematology, clinical chemistry, endocrinology, acid-base and blood gas analysis, haemostasis, urinalysis, biological variation and quality control. Species covered include the cat, dog and horse, with additional material on ruminants. Cases vary in difficulty, allowing beginners to improve their clinicopathologic skills while more complicated cases, or cases treating unfamiliar topics, are included for experienced readers. This book is a helpful revision aid for those in training as well as for those in practice who are pursuing continuing education. It is also a valuable resource for veterinary nurses and technicians.

**Phase Equilibria in Chemical Engineering** May 20 2022 *Phase Equilibria in Chemical Engineering* is devoted to the thermodynamic basis and practical aspects of the calculation of equilibrium conditions of multiple phases that are pertinent to chemical engineering processes. Efforts have been made throughout the book to provide guidance to adequate theory and practice. The book begins with a long chapter on equations of state, since it is intimately bound up with the development of thermodynamics. Following material on basic thermodynamics and nonidealities in terms of fugacities and activities, individual chapters are devoted to equilibria primarily between pairs of phases. A few topics that do not fit into these categories and for which the state of the art is not yet developed quantitatively have been relegated to a separate chapter. The chapter on chemical equilibria is pertinent since many processes involve simultaneous chemical and phase equilibria. Also included are chapters on the evaluation of enthalpy and entropy changes of nonideal substances and mixtures, and on experimental methods. This book is intended as a reference and self-study as well as a textbook either for full courses in phase equilibria or as a supplement to related courses in the chemical engineering curriculum. Practicing engineers concerned with separation technology and process design also may find the book useful.

**Ethical Dimensions in the Health Professions - E-Book** Jul 10 2021 Ideal for all health care professionals, *Ethical Dimensions in the Health Professions, 5th Edition* provides a solid foundation in basic ethical theory, the terms and concepts of ethics, and current ethical issues. Expert authors Ruth Purtilo and Regina Doherty outline a unique 6-step decision-making process as a guide to making effective choices that lead to a professional and caring response to patients. They also suggest practical approaches to commonly encountered clinical issues such as confidentiality, informed consent, information sharing, and end-of-life care. With this book, you will develop the skills you need to recognize, understand, and resolve ethical problems. Unique! 6-step process of ethical decision-making provides an organizing framework for the steps to take in arriving at an ethical decision. Step 1: Gather relevant information Step 2: Identify the type of ethical problem Step 3: Analyze the problem using ethics theories or approaches Step 4: Explore the practical alternatives Step 5: Act Step 6: Evaluate the process and outcome Patient stories begin each chapter with an ethical dilemma and frame the rest of the chapter, tying abstract principles to real-life situations and demonstrating the ethical decision-making process for each story. Content on end-of-life care shows how to develop a caring response toward dying patients and identifies basic ethical concepts applying to patients with life-threatening conditions. Unique! More than 100 Reflection boxes indicate important concepts and include space to jot down thoughts. HIPAA and patient confidentiality information covers current laws and addresses what types of information are appropriate and inappropriate to include in the patient's medical record. Questions for thought and discussion help you apply the ethical decision-making process to different situations. Unique! Over 80 summary boxes offer a quick review of the important information in each section. Unique! New coverage of biotechnology addresses the professional's role relating to environmental responsibility and the ecological costs of various health care interventions. Unique! New content on the intersection of technology and ethics describes the impact of advances in medical technology in rehabilitative care, and helps you face difficult conversations where you must offer hope while presenting realistic outcomes. Unique! New content on terrorism and disaster planning describes the ethical dilemmas professionals face in preventing terrorism and planning for disasters. New topics on the ethical decision-making process include the concepts of care, distinguishing ethical reasoning as a distinct part of your clinical reasoning and professional judgment, and attention to caregivers. New coauthor Regina Doherty, an occupational therapist, adds expertise and an OT perspective.

**Rethink: The Way You Live** Feb 05 2021 *Rethink: The Way You Live* inspires and challenges. Filled with evocative images of homes around the globe, the book illustrates how design game-changers are weaving age-old resourcefulness with new technology, creativity with sustainability to construct a more meaningful existence. We can think small (bringing more nature inside) or big (installing moving walls for multifunctional spaces), but the point is to rethink our design choices today for a more sustainable tomorrow. Beautiful and informative, *Rethink* reveals how to build a better world from the inside out.

**Depression Stories** Jun 21 2022