

Metal Detector Using A 2 Pulse Induction Coil

Tremor Pulse Collide The Pulse Pulse Pulse of Red Wine Pulse Seducing the Boss Ultra-Wideband, Short-Pulse Electromagnetics 2 Pulse and Prejudice Pulse Width Modulation for Power Converters Pulse Pulse Foods Handbook of Contemporary Chinese Pulse Diagnosis Tremor Clinical Methods Pulse Waves Electromagnetic and Optical Pulse Propagation 1 Handbook of MRI Pulse Sequences Electromagnetic and Optical Pulse Propagation The Sacred Pulse PULSE LEVEL 2 WORKBOOK PACK. Pulse The Silent Pulse Electromagnetics in Magnetic Resonance Imaging Electromagnetic and Optical Pulse Propagation Quake Experimental Pulse NMR AWRE NR/P Frequency-Resolved Optical Gating: The Measurement of Ultrashort Laser Pulses A Poetic Pulse 2 Electromagnetic and Optical Pulse Propagation 2 Ultrawideband Short-Pulse Radio Systems Ultra-Wideband, Short-Pulse Electromagnetics 3 Pushing the KIT 2 MW Coaxial-Cavity Short-Pulse Gyrotron Towards a DEMO Relevant Design Ultrashort Laser Pulses and Applications Optically Induced Nanostructures Pulse-width Modulated DC-DC Power Converters Pulse and Digital Circuits Principles of Pulse Electron Paramagnetic Resonance

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Pulse Waves Jun 16 2021 This new, revised and updated edition takes into account the most recent advances in the understanding of human pathophysiology. The book presents the complex basic principles of vascular hemodynamics and its pathophysiology in a direct and effective way, stressing the importance of the mechanical properties of large arteries in the origin of blood pressure. The readily understandable text, supported by helpful images, describes the elements that define blood pressure and explains such important concepts as pulse wave velocity, central blood pressure, reflected waves, and pulse pressure amplification. Entirely new chapters are included on the sympathetic nervous system and arterial stiffness and on the role played by arterial stiffness in influencing blood pressure variability. The book will enable the physician to answer some of the key questions encountered when addressing the problem of arterial hypertension in everyday clinical practice: How is blood pressure generated? How should blood pressure values be interpreted? Is systolic blood pressure of greater importance than diastolic blood pressure?

The Pulse Jul 30 2022 When the power grid is irrevocably damaged by a massive solar flare, the ensuing chaos compels a man to sail a thousand miles to his family while his daughter escapes a New Orleans overrun with looters to the dangerous backwaters of Mississippi.

Quake Aug 07 2020 Set in a cinematic world where telekinetic powers dominate, *Quake* is the pulse-pounding finale to an epic story of love and revenge for fans of *I Am Number Four* and *The Maze Runner*. Faith and Dylan may have stopped the Quinns from destroying the Western State the last time but now the twins have joined forces with Hotspur Chance—the lethal mastermind behind Intels and pulses—and there’s no telling what he is capable of now. Caught in the middle of a deadly war, Faith and Dylan fight in hair-raising battles while their Intel friend Hawk works to discover the secrets of the States. But the answers Hawk finds are bigger and more mind-altering than anyone expected...and if Faith and Dylan want to finish what they started, they will need to harness their pulses in a way no one has ever done before. Can Faith and Dylan’s love save the world with a quake that is big enough to change the course of history?

Ultra-Wideband, Short-Pulse Electromagnetics 3 Dec 31 2019 The first two international conferences on Ultra-Wideband (UWB), Short-Pulse (SP) Electromagnetics were held at Polytechnic University, Brooklyn, New York in 1992 and 1994. Their purpose was to focus on advanced technologies for generating, radiating, and detecting UWB,SP signals, on mathematical methods, their propagation and scattering, and on current as well as potential future applications. The success of these two conferences led to the desirability of scheduling a third conference. Impetus was provided by the electromagnetics community and discussions led by Carl Baum and Larry Carin resulted in the suggestion that the UWB conferences be moved around, say to government laboratories such as Phillips Laboratory. Consequently the decision was made by the Permanent HPEM Committee

to expand AMEREM '96 to include the Third Ultra-Wide Band, Short-Pulse (UWB,SP 3) with the Third Unexploded Ordnance Detection and Range Remediation Conference (UXO) and the HPEMINEM Conference in Albuquerque, New Mexico during the period May 27-31, 1996. Planning is now underway for EUROEM '98 in June, 1998 in Tel Aviv, Israel. Joseph Shiloh is the conference chairman. A fourth UWB,SP meeting is planned as a part of this conference and Ehud Heyman will coordinate this part of the meeting. The papers which appear in this volume, the third in the UWB,SP series, update subject areas from the earlier UWB,SP conferences. These topics include pulse generation and detection, antennas, pulse propagation, scattering theory, signal processing, broadband electronic systems, and buried targets.

Electromagnetic and Optical Pulse Propagation Mar 14 2021 In two volumes, this book presents a detailed, systematic treatment of electromagnetics with application to the propagation of transient electromagnetic fields (including ultrawideband signals and ultrashort pulses) in dispersive attenuative media. The development in this expanded, updated, and reorganized new edition is mathematically rigorous, progressing from classical theory to the asymptotic description of pulsed wave fields in Debye and Lorentz model dielectrics, Drude model conductors, and composite model semiconductors. It will be of use to researchers as a resource on electromagnetic radiation and wave propagation theory with applications to ground and foliage penetrating radar, medical imaging, communications, and safety issues associated with ultrawideband pulsed fields. With meaningful exercises, and an authoritative selection of topics, it can also be used as a textbook to prepare graduate students for research. Volume 2 presents a detailed asymptotic description of plane wave pulse propagation in dielectric, conducting, and semiconducting materials as described by the classical Lorentz model of dielectric resonance, the Rocard-Powles-Debye model of orientational polarization, and the Drude model of metals. The rigorous description of the signal velocity of a pulse in a dispersive material is presented in connection with the question of superluminal pulse propagation. The second edition contains new material on the effects of spatial dispersion on precursor formation, and pulse transmission into a dispersive half space and into multilayered media. Volume 1 covers spectral representations in temporally dispersive media.

Pulse Jun 28 2022 Fans of action-packed sci-fi thrillers such as *I Am Number Four* and *The Maze Runner* will love bestselling author Patrick Carman's *Pulse*, with its epic action scenes and memorable love story. In the year 2051, who has the power called a pulse? With the help of her mysterious classmate Dylan Gilmore, Faith Daniels discovers that she can move objects with her mind. This telekinetic ability is called a "pulse," and Dylan has the talent, too. In riveting action scenes, Faith demonstrates her ability to use her pulse against a group of telekinesis masters so powerful they will flatten their enemies by uprooting streetlights, throwing boulders, and changing the course of a hurtling hammer so that it becomes a deadly weapon. But in order to save the world, Faith will have to harness not only the power of her mind, but the power of her heart, too. The first in a

stunning trilogy, *Pulse* is a triumph about the power of the mind—and of love.

The Silent Pulse Nov 09 2020 Back in print with exciting new content from one of the leading spiritual theorists in the world, *The Silent Pulse* uses quantum physics to explore how the human body and mind are made up of rhythmic waves and how measurable vibrations touch us emotionally and creatively. George Leonard takes readers on a search of self-discovery and a journey into the limitless possibilities of human potential.

Pulse Nov 21 2021 At last pulses are ditching their 70s hippie label and are back in vogue. Pulses are incredibly economical and healthy and, increasingly, people are looking for new sources of protein as meat eating goes on the wane (for both environmental and economical reasons). The time is ripe for a truly modern look at preparing these under-exploited ingredients. Including a guide to pulses, this exhaustive volume will also cover all you need to know to buy, prepare and cook pulses, and how to store them. 180 recipes are divided into dips and purees, fritters, croquettes and patties, soups, salads, formal starters, sides, vegetarian mains, and 'the full monty' (hearty mains, including meat). Jenny Chandler has collected a mouthwatering range of recipes that are truly international in flavour and will provide plenty of tips for everyday catering. With modern, crisp photography and an elegant design this is a book to update every foodie's bookshelf and will be a go-to book for years to come.

Frequency-Resolved Optical Gating: The Measurement of Ultrashort Laser Pulses May 04 2020 The Frequency-Resolved Optical-Gating (FROG) technique has revolutionized our ability to measure and understand ultrashort laser pulses. This book contains everything you need to know to measure even the shortest, weakest, or most complex ultrashort laser pulses. Whether you're an undergrad or an advanced researcher, you'll find easy-to-understand descriptions of all the key ideas behind all the FROG techniques, all the practical details of pulse measurement, and many new directions of research. This book is not like any other scientific book. It is a lively discussion of the basic concepts. It is an advanced treatment of research-level issues.

Pulse and Digital Circuits Jul 26 2019 *Pulse and Digital Circuits* is designed to cater to the needs of undergraduate students of electronics and communication engineering. Written in a lucid, student-friendly style, it covers key topics in the area of pulse and digital circuits. This is an introductory text that discusses the basic concepts involved in the design, operation and analysis of waveshaping circuits. The book includes a preliminary chapter that reviews the concepts needed to understand the subject matter. Each concept in the book is accompanied by self-explanatory circuit diagrams. Interspersed with numerous solved problems, the text presents detailed analysis of key concepts. Multivibrators and sweep generators are covered in great detail in the book.

Tremor Nov 02 2022 *Tremor*, the second book in bestselling author Patrick Carman's *Pulse* trilogy, is filled with more action-packed scenes and romance. *Tremor* will excite fans of *I Am Number Four* and *The Maze Runner* with its richly developed

characters and electrifying story of love and revenge. In the year 2051, some people have a second pulse. Like all who have "the pulse," Faith Daniels and Dylan Gilmore have telekinetic powers—they can move objects with their minds. But there are five second pulses in the world who have an even greater power: They are virtually indestructible. Both Faith and Dylan have the second pulse. As Dylan executes a plan to infiltrate enemy grounds, he'll have to face his only weakness—and a family secret that will threaten his very existence.

PULSE LEVEL 2 WORKBOOK PACK. Jan 12 2021

Pulse Width Modulation for Power Converters Dec 23 2021 * The first single volume resource for researchers in the field who previously had to depend on separate papers and conference records to attain a working knowledge of the subject. * Brings together the field's diverse approaches into an integrated and comprehensive theory of PWM

A Poetic Pulse 2 Apr 02 2020 A Poetic Pulse 2 was an enjoyable book to write. I tried to focus on all the parts of love and lust while being grown & sexy. I try to get the reader to smile and also believe the poems is truly for the reader. Thinking and writing has turned into my genuine hobby. With every poetic pulse within my heart and pen I write to thank you for your constant love and support. Charles Perry, Jr. (A Poetic Pulse)

Ultra-Wideband, Short-Pulse Electromagnetics 2 Feb 22 2022 The papers published in this volume were presented at the Second International Conference on Ultra-Wideband and Short-Pulse (UWB/SP) Electromagnetics, April 7-10, 1994. To place this second international conference in proper perspective with respect to the first conference held during October 8-10, 1992, at Polytechnic University, some background information is necessary. As we had hoped, the first conference struck a responsive cord, both in timeliness and relevance, among the electromagnetic community. Participants at the first conference already inquired whether and when a follow-up meeting was under consideration. The first concrete proposal in this direction was made a few months after the first conference by Prof. A. Terzuoli of the Air Force Institute of Technology (AFIT), Dayton, Ohio, who has been a strong advocate of time-domain methods and technologies. He initially proposed a follow-up time-domain workshop under AFIT auspices. Realizing that interest in this subject is lodged also at other Air Force installations, we suggested to enlarge the scope, and received in this endeavor the support of Dr. A. Nachman of AFOSR (Air Force Office of Scientific Research), Bolling Air Force Base, Washington, D.C.

Clinical Methods Jul 18 2021 A guide to the techniques and analysis of clinical data. Each of the seventeen sections begins with a drawing and biographical sketch of a seminal contributor to the discipline. After an introduction and historical survey of clinical methods, the next fifteen sections are organized by body system. Each contains clinical data items from the history, physical examination, and laboratory investigations that are generally included in a comprehensive patient evaluation.

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Handbook of MRI Pulse Sequences Apr 14 2021 Magnetic Resonance Imaging (MRI) is among the most important medical imaging techniques available today. There is an installed base of approximately 15,000 MRI scanners worldwide. Each of these scanners is capable of running many different "pulse sequences", which are governed by physics and engineering principles, and implemented by software programs that control the MRI hardware. To utilize an MRI scanner to the fullest extent, a conceptual understanding of its pulse sequences is crucial. *Handbook of MRI Pulse Sequences* offers a complete guide that can help the scientists, engineers, clinicians, and technologists in the field of MRI understand and better employ their scanner. Explains pulse sequences, their components, and the associated image reconstruction methods commonly used in MRI Provides self-contained sections for individual techniques Can be used as a quick reference guide or as a resource for deeper study Includes both non-mathematical and mathematical descriptions Contains numerous figures, tables, references, and worked example problems

Optically Induced Nanostructures Sep 27 2019 Nanostructuring of materials is a task at the heart of many modern disciplines in mechanical engineering, as well as optics, electronics, and the life sciences. This book includes an introduction to the relevant nonlinear optical processes associated with very short laser pulses for the generation of structures far below the classical optical diffraction limit of about 200 nanometers as well as coverage of state-of-the-art technical and biomedical applications. These applications include silicon and glass wafer processing, production of nanowires, laser transfection and cell reprogramming, optical cleaning, surface treatments of implants, nanowires, 3D nanoprinting, STED lithography, friction modification, and integrated optics. The book highlights also the use of modern femtosecond laser microscopes and nanoscopes as novel nanoprocessing tools.

Ultrashort Laser Pulses and Applications Oct 28 2019 Ten years ago, Stanley L. Shapiro edited the book entitled *Ultrashort Light Pulses* (Topics Appl. Phys., Vol. 18), which was written by eight experts in the field. Six years later, Charles V. Shank added a bibliography (1980-1983) in the second edition with approximately one thousand new references. During the past decade the field has grown so rapidly that a completely new book had to be written. In particular, the reduction of the time scale of light pulses into the femtosecond range has opened up new experimental possibilities never even foreseen in the preceding literature. The vast literature with countless ideas and applications makes it impossible for a single person to write a comprehensive review. Nine scientists, actively working in the field since its beginning, have decided to join forces to prepare a new book describing the present state of the art. Emphasis is placed on the generation and numerous applications of ultrashort laser pulses. This book covers a wide area of science: physics, engineering, chemistry, and biology. The various chapters and sections are prepared in each case such that the reader is given a brief introduction to the specific subject. Ample references for a

more detailed study are given at the end of each chapter.

Pulse of Red Wine May 28 2022 This isn't a story just about "us" and love. I spoke of some of our explicit encounters together. This book was conceived to give "us" another opportunity to become intimate with one another. You will have an erotic, suggestive, and interactive experience with me, your author, Portland J. This saga will include some of the people who were in our lives at the time we journeyed to several unforbidden territories. I am offering to you, raw details on how men think when it comes to committing to a relationship with you. This compelling description of how men and women relate will ignite several emotions within you. Are you not interested in having a successful relationship? If so, relive our story as I discuss relationship do's and don'ts, sexual intimacy, and day to day relations. Although a bit extreme, this was the only way I thought I could get your attention. I want you to remember what "sick" passions we shared. Even when we were apart, we dipped into some salacious waters. I want to remind you of how you relished being my ultimate "fantasy" girl. Come see if you remember our story the same way that I do. You will need to have a place of complete privacy to savor this read. Where no one will hear "us." We are going to become raw and fleshly again. I will show you how much you've been missed and how much you've missed the taste "us." You're still what I need. I miss feeling you breathe for my existence. I believe I have captured the core of what makes you different from every other woman I've ever experienced. I want "us" to salvage what we had. Are you already in a relationship? Do you feel like you love him? Does he whet your soul? All of which is fine. I kind of expected it. Then we can be "just friends." I will offer you advice on how to sustain your "healthy" relationship. I am still invested in your happiness if your choice is to be with this other person. All I want is to show you the type of man you deserve to have in your life, and if it isn't me, then you should ask yourself, "Is Portland's "fill-in" whom I want? Have your finest bottle ready and select the appropriate wine glass that will encompass the flavors of your "fruit." Go to our place of privacy and reengage yourself to our arousing chronicle. Currently yours, Portland J

Electromagnetic and Optical Pulse Propagation 1 May 16 2021 This volume presents a detailed, rigorous treatment of the fundamental theory of electromagnetic pulse propagation in causally dispersive media that is applicable to dielectric, conducting, and semiconducting media. Asymptotic methods of approximation based upon saddle point methods are presented in detail.

Pulse and Prejudice Jan 24 2022 This adaptation of *Pride and Prejudice* follows the cursed Mr. Darcy as he strives to overcome both his love and his bloodlust for Miss Elizabeth Bennet. Faithful to the original in many ways, it focuses on Darcy's story as he descends into the seedier side of London, intruding Elizabeth to a world of passion and the paranormal she never knew about before.

Electromagnetic and Optical Pulse Propagation Sep 07 2020 In two volumes, this book presents a detailed, systematic treatment of electromagnetics with application to the propagation of transient electromagnetic fields (including ultrawideband signals and ultrashort pulses) in dispersive attenuative media. The development in this expanded, updated, and reorganized new edition is mathematically rigorous, progressing from classical theory to the asymptotic description of pulsed wave fields in Debye and Lorentz model dielectrics, Drude model conductors, and composite model semiconductors. It will be of use to researchers as a resource on electromagnetic radiation and wave propagation theory with applications to ground and foliage penetrating radar, medical imaging, communications, and safety issues associated with ultrawideband pulsed fields. With meaningful exercises, and an authoritative selection of topics, it can also be used as a textbook to prepare graduate students for research. Volume 2 presents a detailed asymptotic description of plane wave pulse propagation in dielectric, conducting, and semiconducting materials as described by the classical Lorentz model of dielectric resonance, the Rocard-Powles-Debye model of orientational polarization, and the Drude model of metals. The rigorous description of the signal velocity of a pulse in a dispersive material is presented in connection with the question of superluminal pulse propagation. The second edition contains new material on the effects of spatial dispersion on precursor formation, and pulse transmission into a dispersive half space and into multilayered media. Volume 1 covers spectral representations in temporally dispersive media.

Seducing the Boss Mar 26 2022 Kellan James is unwinding at Score when he spots the last person he'd ever expect to find in his favorite bar. Sara Connelly—ER nurse, do-gooder, charitable crusader, and frequent pain in his ass. Both grew up privileged in swanky Southampton, but that's where the similarities end. Kellan's made it his mission to seek out life's pleasures; Sara gains pleasure from lecturing him on his lifestyle. Kellan would never date someone like her. Ever. But when Kellan discovers Sara's been stood-up by an online date, something fierce and protective awakens inside of him. Typically, Kellan would enjoy teasing the jilted Sara, but something in her face sends him over to her table with a plan. He encourages her to take a walk on the wild side, one weekend of sin, no holds barred. She accepts, but it quickly becomes apparent that one night isn't enough. As the pull between them grows stronger, Kellan discovers it's a very dangerous thing to say never. Each book in the Pulse series is a standalone story that can be enjoyed out of order. Series Order: Book #1 Engaging the Bachelor Book #2 Seducing the Boss Book #3 Claiming the Enemy Book #4 Shocking the Medic

Tremor Aug 19 2021 Tremor, the second book in bestselling author Patrick Carman's Pulse trilogy, is filled with more action-packed scenes and romance. Tremor will excite fans of I Am Number Four and The Maze Runner with its richly developed characters and electrifying story of love and revenge. In the year 2051, some people have a second pulse. Like all who have "the pulse," Faith Daniels and Dylan Gilmore have telekinetic powers—they can move objects with their minds. But there are five

second pulses in the world who have an even greater power: They are virtually indestructible. Both Faith and Dylan have the second pulse. As Dylan executes a plan to infiltrate enemy grounds, he'll have to face his only weakness—and a family secret that will threaten his very existence.

The Sacred Pulse Feb 10 2021 Contemporary life is leaving us frazzled, overwhelmed, and out of sorts. Our life's rhythm is often borrowed from the pace of life around us. Humans have created such a loud, fast tempo of perfection and production that we often forget--if we ever knew it at all--the rhythms designed for our well-being. In *The Sacred Pulse*, pastor and author April Fiet invites us to examine the frantic patterns of our lives to reclaim the deeper, sacred pulses that pattern our days. Through stories, scripture, and practical guidance for daily living, she lays out twelve rhythms--including gardening, handcrafts, friendship, and holidays--that are both sustainable and sustaining. Everyday acts like mealtime and shopping, and sporadic rhythms like the occasional snow day: reclaiming these patterns can remind us of the holy movement of God in the world. In a world of hustle and bravado, silencing the noise takes practice. *The Sacred Pulse* shows us how to strip away all of the competing beats we have settled for so we can tap into the joyful, holy rhythms of life.

Ultrawideband Short-Pulse Radio Systems Jan 30 2020 This resource provides a comprehensive treatment of the methods, analysis, and practice of impulse and ultrawideband (UWB) systems. Sources, antennas, propagation, electromagnetic theory, and actual practical systems are explored. This book provides novel perspective on impulse and short-pulse wireless engineering along with practical guidance on how to build antennas and radio hardware for high-power impulse signals. Theoretical and experimental results in the time-frequency domain are presented. The book explains and discusses the scattering of UWB electromagnetic pulses by conducting and dielectric objects. Impulse responses of objects and propagation channels are explored with details of signal models and their spectral characteristics and uses of regularization of a Kramers-Kronig type relation for estimating transfer functions. Readers gain insight into the development of high-power sources of UWB radiation with megavolt effective potential on the base of combined antenna arrays excited with bipolar voltage pulses. This in-depth volume includes chapters on receiving antennas, transmitting antennas, and antenna arrays along with details on high-power UWB radiation sources as well as problem sets.

Pushing the KIT 2 MW Coaxial-Cavity Short-Pulse Gyrotron Towards a DEMO Relevant Design Nov 29 2019 Magnetic fusion is one approach to generate thermonuclear fusion power in an environmental friendly way. The Electron Cyclotron Resonance Heating is considered as the major concept for startup, heating and control of the fusion plasma. Megawatt-class gyrotrons generate the required microwave power. This work focuses on advanced key components and technologies for a DEMO relevant 2 MW gyrotron. One major focus is on the development of advanced Magnetron Injection Guns. Another focus

is on the red

Electromagnetic and Optical Pulse Propagation 2 Mar 02 2020 Electromagnetic & Optical Pulse Propagation presents a detailed, systematic treatment of the time-domain electromagnetics with application to the propagation of transient electromagnetic fields (including ultrawideband signals and ultrashort pulses) in homogeneous, isotropic media which exhibit both temporal frequency dispersion and attenuation. The development is mathematically rigorous with strict adherence to the fundamental physical principle of causality. Approximation methods are based upon mathematically well-defined asymptotic techniques that are based upon the saddle point method. A detailed description is given of the asymptotic expansions used. Meaningful exercises are given throughout the text to help the reader's understanding of the material, making the book a useful graduate level text in electromagnetic wave theory for both physics, electrical engineering and materials science programs. Both students and researchers alike will obtain a better understanding of time domain electromagnetics as it applies to electromagnetic radiation and wave propagation theory with applications to ground and foliage penetrating radar, medical imaging, communications, and the health and safety issues associated with ultrawideband pulsed fields. Volume 2 presents a detailed asymptotic description of plane wave pulse propagation in dielectric, conducting, and semiconducting materials as described by the classical Lorentz model of dielectric resonance, the Rocard-Powles-Debys model of orientational polarization, and the Drude model of metals. The rigorous description of the signal velocity of a pulse in a dispersive material is presented in connection with the question of superluminal pulse propagation.

Pulse Foods Oct 21 2021 Pulses are nutritionally diverse crops that can be successfully utilized as a food ingredient or a base for new product development. They provide a natural food grade ingredient that is rich in lysine, dietary fiber, complex carbohydrates, protein and B-vitamins suggesting that pulses can provide a variety of health benefits such as reducing heart disease and diabetes. Interest in the use of pulses and their ingredients in food formulations is growing and several factors are contributing to this drive. *Pulse Foods: Processing, Quality and Nutraceutical Applications* is the first book to provide up-to-date information on novel and emerging technologies for the processing of whole pulses, techniques for fractionating pulses into ingredients, their functional and nutritional properties, as well as their potential applications, so that the food industry can use this knowledge to incorporate pulses into new food products. First reference bringing together essential information on the processing technology of pulses Addresses processing challenges relevant to legume and pulse grain processors Delivers insights into the current state-of-art and emerging processing technologies In depth coverage of developments in nutraceutical applications of pulse protein and carbohydrate based foods

Pulse Oct 01 2022 "A sexy contemporary romance novel set in New York City about a love triangle"--

Pulse Dec 11 2020 Rowan Platts is addicted to success. When she's presented with the chance to work on a top secret project fronted by her idol, renowned virologist Dr. Margot Miller, Rowan signs her life away without second thought. The realization she's gotten in over her head comes only after the subject of their study is revealed: a boy with a bad attitude and an uninhibited taste for human blood. He's a medical anomaly. Having the ability to crush metal with his bare hands and hear a heartbeat from across the room, it would make Rowan's career if she was the one to discover what made him so unusual. Easier said than done, with a subject who prefers snapping necks over answering questions.

Handbook of Contemporary Chinese Pulse Diagnosis Sep 19 2021 Pulse diagnosis is a subtle yet highly effective instrument used in Chinese medicine for the diagnosis and prevention of disease. The method set forth in this book is unsurpassed in obtaining the greatest amount of physical and psychological information about an individual. Although based on traditional methods, it is contemporary because it recognizes that pulse diagnosis must continue to develop over time. In the hands of master pulse diagnostician Dr. John Shen, his apprentice Dr. Leon Hammer, and their students, it has evolved in recent decades to better reflect modern times and lifestyles. This handbook summarizes the key elements of Chinese Pulse Diagnosis: A Contemporary Approach in a portable edition. It is the result of the very hard work, by many practitioners, of extracting the essentials from each area of this subject. The present volume offers a clear and practical path toward a better understanding of traditional pulse diagnosis, while recasting its interpretation in the context of our own times. The book is organized in eighteen chapters. The early chapters consider such general issues as terminology, classification of pulse qualities, historical comparisons of positions and depths, and a methodology for taking the pulse. The middle chapters provide an in-depth look at each of the individual pulse qualities, identified by felt sensation based on such characteristics as rate and rhythm, stability, volume, depth, size, and shape. The types of pathology associated with each of the qualities are also discussed. Later chapters examine the significance of the qualities when found across the entire pulse, or large segments of the pulse, and at different depths. The relationship of the pulse qualities to psychology and prognosis are addressed in separate chapters. The final chapters on interpretation and case histories draw everything together to show how this information can be formulated into a rational diagnosis. Key information in the book is organized and richly illustrated in over a hundred tables and graphic drawings. There is also a glossary of special terms, bibliography, and full index to the contents.

Collide Aug 31 2022 Her mind tried to fight a bloody battle against what her body already knew. She wanted him, and she wanted him bad. On the heels of college graduation and the unexpected death of her mother, Emily Cooper moves to New York City to join her boyfriend for a fresh start. Dillon Parker has been sweet, thoughtful, and generous through Emily's loss, and she can't imagine her life without him—even as her inner voice tells her to go slow. Then she meets Gavin Blake. A rich and

notorious playboy, Gavin is dangerously sexy and charming as hell. Their first encounter is brief, but it's enough to inflame Emily's senses. When their paths cross again through an unexpected mutual acquaintance, she tries to deny the connection she feels, but Mr. Tall, Dark, and Handsome won't let go so easily. As she discovers Gavin's pain-filled past and Dillon's true nature begins to surface, Emily knows she must take action or risk destroying everyone—including herself. But how can she choose when she can't trust her own heart?

Pulse-width Modulated DC-DC Power Converters Aug 26 2019 Fully worked solutions with clear explanations The Pulse-width Modulated DC-DC Power Converters: Solutions Manual provides solutions to the practice problems in the text. Fully worked, each solution includes formulas and diagrams as necessary to help you understand the approach, and explanations clarify the reasoning behind the correct answer. The solutions are aligned chapter-by-chapter with the text, and provide useful guidance that can help you identify your level of comprehension. Designed to make your study time more productive, this solutions manual is an invaluable tool for anyone studying electricity and electrical engineering.

Principles of Pulse Electron Paramagnetic Resonance Jun 24 2019 Pulse EPR (electron paramagnetic resonance) is one of the newest and most widely used techniques for examining the structure, function and dynamics of biological systems and synthetic materials. Until now, however, there has been no single text dedicated to this growing area of research. This text addresses the need for a comprehensive overview of Pulse EPR. The book covers the basic theory of pulse EPR, as well as a description and critical evaluation of the existing and emerging methods needed for selecting and conducting the proper experiment and analyzing the results. This is an indispensable reference for all scientists who need a thorough grounding in this increasingly popular field of spectroscopy.

Electromagnetics in Magnetic Resonance Imaging Oct 09 2020 In the past few decades, Magnetic Resonance Imaging (MRI) has become an indispensable tool in modern medicine, with MRI systems now available at every major hospital in the developed world. But for all its utility and prevalence, it is much less commonly understood and less readily explained than other common medical imaging techniques. Unlike optical, ultrasonic, X-ray (including CT), and nuclear medicine-based imaging, MRI does not rely primarily on simple transmission and/or reflection of energy, and the highest achievable resolution in MRI is orders of magnitude smaller than the smallest wavelength involved. In this book, MRI will be explained with emphasis on the magnetic fields required, their generation, their concomitant electric fields, the various interactions of all these fields with the subject being imaged, and the implications of these interactions to image quality and patient safety. Classical electromagnetics will be used to describe aspects from the fundamental phenomenon of nuclear precession through signal detection and MRI safety. Simple explanations and Illustrations combined with pertinent equations are designed to help the

reader rapidly gain a fundamental understanding and an appreciation of this technology as it is used today, as well as ongoing advances that will increase its value in the future. Numerous references are included to facilitate further study with an emphasis on areas most directly related to electromagnetics.

Experimental Pulse NMR Jul 06 2020 This book is about pulse nuclear magnetic resonance (NMR), with its techniques, the information to be obtained, and practical advice on performing experiments. The emphasis is on the motivation and physical ideas underlying NMR experiments and the actual techniques, including the hardware used. The level is generally suitable for those to whom pulse NMR is a new technique, be they students in chemistry or physics on the one hand and research workers in biology, geology, or agriculture, on the other. The book can be used for a senior or first year graduate course where it could supplement the standard NMR texts.

Pulse Apr 26 2022 From the ALA YALSA Award-winning author of the Bitter Frost Series, soon to be a game and a film, and the IBPA Benjamin Franklin Silver Award winning FADE Series, in development as a film, comes...The PULSE Vampires Series For older teens, young adults, and adults due to subject matter and dating, mature situations in young adult, new adult romance 17 year-old Kalina didn't know her boyfriend was a vampire until the night he died of a freak accident. She didn't know he came from a long line of vampires until the twilight night she was visited by his half-brothers Jaegar and Stuart Greystone. There were a lot of secrets her boyfriend didn't tell her. Now she must discover them in order to keep alive. But having two half-brothers vampires around had just gotten interesting. Don't Miss a New Release from Kailin Gow Books! Sign up at Sparklesoup.com