

Revolution Ct Ge

This is the first textbook in DECT focussing especially on the cardiovascular field. DECT was developed many years ago but has recently spread its clinical utility. Many new applications have been developed over the last years and the cardiovascular system has benefited from these advances. New protocols will be used in the near future which will help to optimize results obtained until now with single energy CT, such as a more precise quantification of coronary artery stenosis using either different monochromatic levels or material decomposition, reduction of beam hardening artifacts in perfusion studies and optimizing endovenous contrast, among others.?

CT is an accurate technique for assessing cardiac structure and function, but advances in computing power and scanning technology have resulted in increased popularity. It is useful in evaluating the myocardium, coronary arteries, pulmonary veins, thoracic aorta, pericardium, and cardiac masses; because of this and the speed at which scans can be performed, CT is even more attractive as a cost-effective and integral part of patient evaluation. This book collates all the current knowledge of cardiac CT and presents it in a clinically relevant and practical format appropriate for both cardiologists and radiologists. The images have been supplied by an experienced set of contributing authors and represent the full spectrum of cardiac CT. As increasing numbers have access to cardiac CT scanners, this book provides all the relevant information on this modality. This is an extensive update of the previous edition bringing the reader up-to-date with the immense amount of updated content in the discipline.

Optimize diagnostic accuracy with Problem Solving in Chest Imaging, a new volume in the Problem Solving in Radiology series. This concise title offers quick, authoritative guidance from experienced radiologists who focus on the problematic conditions you're likely to see—and how to reach an accurate diagnosis in an efficient manner. Addresses the practical aspects of chest imaging—perfect for practitioners, fellows, and senior level residents who may or may not specialize in chest radiology, but need to use and understand it. Helps you make optimal use of the latest imaging techniques and achieve confident diagnoses. Presents content by organ system and commonly encountered problems, with problem solving techniques integrated throughout. Features more than 1,500 high-quality images that provide a clear picture of what to look for when interpreting studies. Focuses on the core knowledge needed for successful results, covering anatomy, imaging techniques, imaging approach, entities by pathologic disease and anatomic region, and special situations. Key topics include Diffuse Lung Disease, Neoplasms of the Lung and Airways, Interstitial Lung Disease, Smoking-Related Lung Diseases, and Cardiovascular Disease. Shows how to avoid common problems that can lead to an incorrect diagnosis. Tables and boxes with tips, pitfalls, and other teaching points show you what to look for, while problem-solving advice helps you make sound clinical decisions.

Why did the 1917 American Red Cross Mission to Russia include more financiers than medical doctors? Rather than caring for the victims of war and revolution, its members seemed more intent on negotiating contracts with the Kerensky government, and subsequently the Bolshevik regime. In a courageous investigation, Antony Sutton establishes tangible historical links between US capitalists and Russian communists. Drawing on State Department files, personal papers of key Wall Street figures, biographies and conventional histories, Sutton reveals: The role of Morgan banking executives in funnelling illegal Bolshevik gold into the US; the co-option of the American Red Cross by powerful Wall Street forces; the intervention by Wall Street sources to free the Marxist revolutionary Leon Trotsky, whose aim was to topple the Russian government; the deals made by major corporations to capture the huge Russian market a decade and a half before the US recognized the Soviet regime; the secret sponsoring of Communism by leading businessmen, who publicly championed free enterprise. Wall Street and the Bolshevik Revolution traces the foundations of Western funding of the Soviet Union. Dispassionately, and with overwhelming documentation, the author details a crucial phase in the establishment of Communist Russia. This classic study - first published in 1974 and part of a key trilogy - is reproduced here in its original form. (The other volumes in the series include Wall Street and the Rise of Hitler and a study of Franklin D. Roosevelt's 1933 Presidential election in the United States.)

How General Electric and Others Turned Process Into Profits

Impact of motion correction algorithms on image quality in children undergoing coronary CT angiography

Fifty Years a Lawyer

The Remarkable True Story of the American Capitalists Who Financed the Russian Communists

Green to Gold

Spectral Imaging

Now fully updated, the second edition of Modern Diagnostic X-Ray Sources: Technology, Manufacturing, Reliability gives an up-to-date summary of X-ray source technology and design for applications in modern diagnostic medical imaging. It lays a sound groundwork for education and advanced training in the physics of X-ray production, X-ray interactions with matter, and imaging modalities and assesses their prospects. The book begins with a comprehensive and easy-to-read historical overview of X-ray tube and generator development, including key achievements leading up to the current technological and economic state of the field. The book covers the physics of X-ray generation, including the process of constructing X-ray source devices. The stand-alone chapters can be read in order or in selections. They take you inside diagnostic X-ray tubes, illustrating their design, functions, metrics for validation, and interfaces. The detailed descriptions enable objective comparison and

benchmarking. This detailed presentation of X-ray tube creation and functions enables you to understand how to optimize tube efficiency, particularly with consideration for economics and environmental care. It also simplifies faultfinding. Along with covering the past and current state of the field, the book assesses the future regarding developing new X-ray sources that can enhance performance and yield greater benefits to the scientific community and to the public. After heading international R&D, marketing and advanced development for X-ray sources with Philips, and working in the X-ray industry for more than four decades, Rolf Behling retired in 2020 and is now the owner of the consulting firm XtraininX, Germany. He holds numerous patents and is continuously publishing, consulting and training.

Between 1973 and 2016, the ways to manipulate DNA to endow new characteristics in an organism (that is, biotechnology) have advanced, enabling the development of products that were not previously possible. What will the likely future products of biotechnology be over the next 5-10 years? What scientific capabilities, tools, and/or expertise may be needed by the regulatory agencies to ensure they make efficient and sound evaluations of the likely future products of biotechnology? Preparing for Future Products of Biotechnology analyzes the future landscape of biotechnology products and seeks to inform forthcoming policy making. This report identifies potential new risks and frameworks for risk assessment and areas in which the risks or lack of risks relating to the products of biotechnology are well understood.

This comprehensive resource provides readers with the tools necessary to perform analysis of various waveforms for use in radar systems. It provides information about how to produce synthetic aperture (SAR) images by giving a tomographic formulation and implementation for SAR imaging. Tracking filter fundamentals, and each parameter associated with the filter and how each affects tracking performance are also presented. Various radar cross section measurement techniques are covered, along with waveform selection analysis through the study of the ambiguity function for each particular waveform from simple linear frequency modulation (LFM) waveforms to more complicated coded waveforms. The text includes the Python tool suite, which allows the reader to analyze and predict radar performance for various scenarios and applications. Also provided are MATLAB® scripts corresponding to the Python tools. The software includes a user-friendly graphical user interface (GUI) that provides visualizations of the concepts being covered. Users have full access to both the Python and MATLAB source code to modify for

their application. With examples using the tool suite are given at the end of each chapter, this text gives readers a clear understanding of how important target scattering is in areas of target detection, target tracking, pulse integration, and target discrimination.

Gastrointestinal Imaging presents a comprehensive review of gastrointestinal pathologies commonly encountered by practicing radiologists and residents in training. Chapters are organized by organ system and include the Pharynx and Esophagus, Stomach, Small Bowel, Appendix, Colon, Anorectum, Liver, Gallbladder, Bile Ducts, Pancreas, Spleen, Peritoneum, Mesentery, and Abdominal Wall, and a chapter on multisystem disorders. Part of the Rotations in Radiology series, this book offers a guided approach to imaging diagnosis with examples of all imaging modalities complimented by the basics of interpretation and technique and the nuances necessary to arrive at the best diagnosis. Each pathology is covered with a targeted discussion that reviews the definition, clinical features, anatomy and physiology, imaging techniques, differential diagnosis, clinical issues, key points, and further reading. This organization is ideal for trainees' use during specific rotations and for exam review, or as a quick refresher for the established gastrointestinal imager.

X-Ray Protection

Introduction to Radar Using Python and MATLAB

Cardiac CT Imaging

Fundamentals of Medical Imaging

Intravascular Imaging and Computer Assisted Stenting and Large-

Scale Annotation of Biomedical Data and Expert Label Synthesis

Preparing for Future Products of Biotechnology

This book constitutes the refereed proceedings of the 5th International Workshop and Challenge on Computational Methods and Clinical Applications for Musculoskeletal Imaging, MSKI 2017, held in conjunction with MICCAI 2017, in Quebec City, QC, Canada, in September 2017. The 13 workshop papers were carefully reviewed and selected for inclusion in this volume. Topics of interest include all major aspects of musculoskeletal imaging, for example: clinical applications of musculoskeletal computational imaging; computer-aided detection and diagnosis of conditions of the bones, muscles and joints; image-guided musculoskeletal surgery and interventions; image-based assessment and monitoring of surgical and pharmacological treatment; segmentation, registration, detection, localization and visualization of the musculoskeletal anatomy; statistical and geometrical modeling of the musculoskeletal shape and appearance; image-based microstructural characterization of musculoskeletal tissue; novel techniques for musculoskeletal imaging.

This book provides comprehensive and detailed information on the scientific bases of nuclear medicine, addressing a wide variety of topics and explaining the concepts

that underlie many of the investigations and procedures performed in the field. The book is divided into six sections that cover the physics and chemistry of nuclear medicine besides associated quality assurance/quality control procedures; dosimetry and radiation biology; SPECT and PET imaging instrumentation plus CT imaging technology in hybrid modalities; data analysis including image processing, reconstruction, radiomics, image degrading correction techniques, along with image quantitation and kinetic modeling. Within these sections, particular attention is paid to recent developments and the advances in knowledge that have taken place since release of the first edition in 2011. Several entirely new chapters have been included and the remaining chapters, thoroughly updated. Innovations in the ever-expanding field of nuclear medicine are predominantly due to integration of the basic sciences with complex technological advances. This excellently illustrated book on the subject will be of interest to not only nuclear medicine physicists and physicians but also clinical scientists, radiologists, radiopharmacists, medical students and technologists.

Applying this revolutionary management strategy to drive positive change in an organization Currently exploding onto the American business scene, the Six Sigma methodology fuels improved effectiveness and efficiency in an organization; according to General Electric's Jack Welch, it's the "most important initiative [they] have ever undertaken." Written by the consultant to GE Capital who helped implement Six Sigma at GE and GE's General Manager of e-Commerce, Making Six Sigma Last offers businesses the tools they need to make Six Sigma work for them--and cultivate long-lasting, positive results. Successful Six Sigma occurs when the technical and cultural components of change balance in an organization; this timely, comprehensive book is devoted to the cultural component of implementing Six Sigma, explaining how to manage it to maintain that balance. The authors address how to create the need for Six Sigma; diagnose the four types of resistance to Six Sigma and how to overcome them; manage the systems and structures; and lead a Six Sigma initiative. This book applies the Six Sigma approach to business operations across the organization--unlike other titles that focus on product development. Plus, it provides strategies, tactics, and tools to improve profitability by centering on the relationship between product defects and product yields, reliability, costs, cycle time, and schedule. George Eckes (Superior, CO) is the founder and principal consultant for Eckes & Associates. His clients include GE Capital, Pfizer, Westin, Honeywell, and Volvo. Eckes has published numerous papers on the topic of performance improvement and is the author of *The Six Sigma Revolution: How General Electric and Others Turned Process into Profits* (0-471-38822-X) (Wiley).

Recent years have seen a marked increase in cardiovascular computed tomography (CT) imaging, with the technique now integrated into many imaging guidelines, such as those published by ESC and NICE. Rapid clinical and technological progress has created a need for guidance on the practical aspects of CT image acquisition, analysis and interpretation. The Oxford Specialist Handbook of Cardiovascular CT, now revised for the second edition by practising international experts with many years of hands-on experience, is designed to fulfil this need. The Handbook is a practical guide on performing, analysing and interpreting cardiovascular CT scans,

covering all aspects from patient safety to optimal image acquisition to differential diagnoses of tricky images. It takes an international approach to both accreditation and certification, highlighting British, European, and American examinations and courses. The format is designed to be accessible and is laid out in easy to navigate sections. It is meant as a quick-reference guide, to live near the CT scanner, workstation, or on the office shelf. The Handbook is aimed at all cardiovascular CT users (Cardiologists, Radiologists and Radiographers), particularly those new to cardiovascular CT, although even the advanced user should find useful tips and tricks within.

Studies Among the Tenements of New York

a comparison with regular monophasic and multiphasic acquisitions

Reminiscences

Basic Sciences of Nuclear Medicine

The Six Sigma Revolution

Computational Methods and Clinical Applications in Musculoskeletal Imaging

The advent and rapid diffusion of advanced multidetector-row scanner technology offers comprehensive evaluation of different anatomic structures in daily practice. The aim of this book is to introduce the applications of CT imaging in not only general medicine but also in different fields especially in veterinary medicine, dentistry, and engineering. Recent developments in CT technology have led to a widening of its applications on many areas like material testing in engineering, 3D evaluation of teeth, and the vascular and cardiac evaluations of small animals. This book gathers the proceedings of the 12th instalment in the bi-annual Workshop series on Direct and Large Eddy Simulation (DLES), which began in 1994 and focuses on modern techniques used to simulate turbulent flows based on the partial or full resolution of the instantaneous turbulent flow structure. With the rapidly expanding capacities of modern computers, this approach has attracted more and more interest over the years and will undoubtedly be further enhanced and applied in the future. Hybrid modelling techniques based on a combination of LES and RANS approaches also fall into this category and are covered as well. The goal of the Workshop was to share the state of the art in DNS, LES and related techniques for the computation and modelling of turbulent and transitional flows. The respective papers highlight the latest advances in the prediction, understanding and control of turbulent flows in academic and industrial applications.

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

This book constitutes the refereed joint proceedings of the 7th Joint International Workshop on Computing and Visualization for Intravascular Imaging and Computer Assisted Stenting, CVII-STENT 2018, and the Third International Workshop on Large-Scale Annotation of Biomedical Data and Expert Label Synthesis, LABELS 2018, held in conjunction with the 21th International Conference on Medical Imaging and Computer-Assisted Intervention, MICCAI 2018, in Granada, Spain, in September 2018. The 9 full papers presented at CVII-

STENT 2017 and the 12 full papers presented at LABELS 2017 were carefully reviewed and selected. The CVII-STENT papers feature the state of the art in imaging, treatment, and computer-assisted intervention in the field of endovascular interventions. The LABELS papers present a variety of approaches for dealing with few labels, from transfer learning to crowdsourcing.

Wall Street and the Bolshevik Revolution

Gastrointestinal Imaging

Basic Principles, Technology, and Clinical Applications

New Trends in Early-Stage Lung Cancer Presenting as Ground-Glass Opacities: Clinical, Pathological and Molecular Aspects

5th International Workshop, MSKI 2017, Held in Conjunction with MICCAI 2017, Quebec City, QC, Canada, September 10, 2017, Revised Selected Papers

Airframe and Powerplant Mechanics Powerplant Handbook

Strategic Financial Management Casebook strategically uses integrative case studies—cases that do not emphasize specific subjects such as capital budgeting or value based management—to provide a framework for understanding strategic financial management. By featuring holistic presentations, the book puts readers into the shoes of those responsible for the world's largest wealth creators. It covers strategies of growth, mergers and acquisitions, financial performance analysis over the past decade, wealth created in terms of stock returns since its listing in stock market, investment and financial decisions, cost of capital, and corporate valuation. In addition, the casebook also discusses corporate restructuring activities undertaken by each company. Each chapter follows a template to facilitate learning, and each features an Excel-based case analysis worksheet that includes a complete data set for financial analysis and valuation.

Introduces a conceptual framework for integrating strategy and finance for value creation Emphasizes the roles of corporate governance, corporate social responsibility, and risk management in value creation Encourages an analysis of investment, financing, and dividend decisions Examines non-financial factors that contribute to value

This book is a comprehensive guide to contrast-enhanced mammography (CEM), a novel advanced mammography technique using dual-energy mammography in combination with intravenous contrast administration in order to increase the diagnostic performance of digital mammography. Readers will find helpful information on the principles of CEM and indications for the technique. Detailed attention is devoted to image interpretation, with presentation of case examples and highlighting of pitfalls and artifacts. Other topics to be addressed include the establishment of a CEM program, the comparative merits of CEM and MRI, and the roles of CEM in screening populations and monitoring of response to neoadjuvant chemotherapy. CEM became commercially available in 2011 and is increasingly being used in clinical practice owing to its superiority over full-field digital mammography. This book will be an ideal source of knowledge and guidance for all who wish to start using the technique or to learn more about it.

Between the 18th and 19th centuries, Britain experienced massive leaps in technological, scientific, and economical advancement

The fourth edition of this well-received book offers a comprehensive update on recent

developments and trends in the clinical and scientific applications of multislice computed tomography. Following an initial section on the most significant current technical aspects and issues, detailed information is provided on a comprehensive range of diagnostic applications. Imaging of the head and neck, the cardiovascular system, the abdomen, and the lungs is covered in depth, describing the application of multislice CT in a variety of tumors and other pathologies. Emerging fields such as pediatric imaging and CT-guided interventions are fully addressed, and emergency CT is also covered. Radiation exposure, dual-energy imaging, contrast enhancement, image postprocessing, CT perfusion imaging, and CT angiography all receive close attention. The new edition has been comprehensively revised and complemented by contributions from highly experienced and well-known authors who offer diverse perspectives, highlighting the possibilities offered by the most modern multidetector CT systems. This book will be particularly useful for general users of CT systems who wish to upgrade and enhance not only their machines but also their knowledge.

Cardiovascular Computed Tomography

Higher Education in the Era of the Fourth Industrial Revolution

Advanced Applications

Introduction to Computed Tomography

Novel Methods for Oncologic Imaging Analysis: Radiomics, Machine Learning, and Artificial Intelligence

Diagnosis of Cardiovascular Disease

Takes technical process of CT scanning and breaks it down to digestible components. Provides technical detail essential to understanding the modality.

This book collates all the current knowledge of cardiac CT and presents it in a clinically relevant and practical textbook format appropriate for both cardiologists and radiologists. The images have been supplied by an experienced set of contributing authors and represent the full spectrum of cardiac CT. The field of Cardiovascular CT has experienced continued rapid evolution due to: 1) advances in technology, 2) expanded spectrum of cardiovascular applications and 3) significant growth in published data including large prospective multicenter studies. As increasing numbers have access to cardiac CT scanners, this book provides all the relevant information on this modality. This is an extensive update of the previous edition bringing the reader up-to-date with the immense amount of updated content in the discipline.

Impact of motion correction algorithms on image quality in children undergoing coronary CT angiography: a comparison with regular monophasic and multiphasic acquisitions

This book is an up-to-date, technically detailed yet easy-to-read reference book on current clinical applications of MDCT in small animals. It has been designed to serve as the reference book for all MDCT-users, such as veterinary radiologists, imaging technicians, oncologists, surgeons, and non-radiologist clinicians. Individual chapters on novel clinically important topics include applications in endocrinology, oncology, trauma, and cardiovascular CT, as well as sections on organ-specific pathologies and their CT characteristics. The book will also cover main domains of CT, such as thorax and the trauma imaging. Anatomy, clinical aspects, pathology, and CT signs are integrated to provide the reader with the basis for interpretation of MDCT findings. Many excellent 2D multiplanar and 3D figures illustrating typical CT findings of various

conditions will serve as a clinical reference for the reader.

Strategic Financial Management Casebook

Multislice CT

24th International Conference, Strasbourg, France, September 27 – October 1, 2021,

Proceedings, Part VII

The Fourth Industrial Revolution

Dual-Energy, Multi-Energy and Photon-Counting CT

The Third Wave

This book is a comprehensive and richly-illustrated guide to cardiac CT, its current state, applications, and future directions. While the first edition of this text focused on what was then a novel instrument looking for application, this edition comes at a time where a wealth of guideline-driven, robust, and beneficial clinical applications have evolved that are enabled by an enormous and ever growing field of technology. Accordingly, the focus of the text has shifted from a technology-centric to a more patient-centric appraisal. While the specifications and capabilities of the CT system itself remain front and center as the basis for diagnostic success, much of the benefit derived from cardiac CT today comes from avant-garde technologies enabling enhanced visualization, quantitative imaging, and functional assessment, along with exciting deep learning, and artificial intelligence applications. Cardiac CT is no longer a mere tool for non-invasive coronary artery stenosis detection in the chest pain diagnostic algorithms; cardiac CT has proven its value for uses as diverse as personalized cardiovascular risk stratification, prediction, and management, diagnosing lesion-specific ischemia, guiding minimally invasive structural heart disease therapy, and planning cardiovascular surgery, among many others. This second edition is an authoritative guide and reference for both novices and experts in the medical imaging sciences who have an interest in cardiac CT.

Machine learning represents a paradigm shift in tomographic imaging, and image reconstruction is a new frontier of machine learning. This book will meet the needs of those who want to catch the wave of smart imaging. The book targets graduate students and researchers in the imaging community. Open network software, working datasets, and multimedia will be included. The first of its kind in the emerging field of deep reconstruction and deep imaging, Machine Learning for Tomographic Imaging presents the most essential elements, latest progresses and an in-depth perspective on this important topic.

The eight-volume set LNCS 12901, 12902, 12903, 12904, 12905, 12906, 12907, and 12908 constitutes the refereed proceedings of the 24th International Conference on Medical Image Computing and Computer-Assisted Intervention, MICCAI 2021, held in Strasbourg, France, in September/October 2021. The 531 revised full papers presented were carefully reviewed and selected from 1630 submissions in a double-blind review process. The papers are organized in the following topical sections: Part I: image segmentation Part II: machine learning - self-supervised learning; machine learning - semi-supervised learning; and machine learning - weakly supervised learning Part III: machine learning - advances in machine learning theory; machine learning - attention models; machine learning - domain adaptation; machine learning - federated learning; machine learning - interpretability / explainability; and machine learning - uncertainty Part IV: image registration; image-guided interventions and surgery; surgical data science; surgical planning and simulation; surgical skill and work flow analysis; and surgical visualization and mixed, augmented and virtual reality Part V: computer aided diagnosis; integration of imaging with non-imaging biomarkers; and outcome/disease prediction Part VI: image reconstruction; clinical applications - cardiac; and clinical*

*applications - vascular Part VII: clinical applications - abdomen; clinical applications - breast; clinical applications - dermatology; clinical applications - fetal imaging; clinical applications - lung; clinical applications - neuroimaging - brain development; clinical applications - neuroimaging - DWI and tractography; clinical applications - neuroimaging - functional brain networks; clinical applications - neuroimaging – others; and clinical applications - oncology Part VIII: clinical applications - ophthalmology; computational (integrative) pathology; modalities - microscopy; modalities - histopathology; and modalities - ultrasound *The conference was held virtually.*

This open access collection examines how higher education responds to the demands of the automation economy and the fourth industrial revolution. Considering significant trends in how people are learning, coupled with the ways in which different higher education institutions and education stakeholders are implementing adaptations, it looks at new programs and technological advances that are changing how and why we teach and learn. The book addresses trends in liberal arts integration of STEM innovations, the changing role of libraries in the digital age, global trends in youth mobility, and the development of lifelong learning programs. This is coupled with case study assessments of the various ways China, Singapore, South Africa and Costa Rica are preparing their populations for significant shifts in labour market demands – shifts that are already underway. Offering examples of new frameworks in which collaboration between government, industry, and higher education institutions can prevent lagging behind in this fast changing environment, this book is a key read for anyone wanting to understand how the world should respond to the radical technological shifts underway on the frontline of higher education.

Transnational Management

Dual-Energy CT in Cardiovascular Imaging

The World Book Encyclopedia

Radiomics-Based Tumor Phenotyping in Precision Medicine

CT of the Heart

Introduction: Le coroscanner(CCTA) est soumis à des artéfacts de mouvement important en population pédiatrique, ce qui rend l'examen non interpretable. L'essai COROPEDIA a pour but d'évaluer les algorithmes de correction d'artéfacts de mouvement (MCA) de première (SSF1) et deuxième generation (SSF2) chez des enfants bénéficiant d'un coroscanner. Matériels et méthodes: Cet essai prospectif a inclus 50 enfants qui ont bénéficié d'une acquisition par coroscanner à large détecteur (Revolution CT, GE Healthcare). Les images ont été reconstruites par SSF1 et SFF2 (SnapShot Freeze, GE Healthcare), et comparées aux images issues des reconstructions monophasiques et multiphasiques. La qualité des images a été évaluée par deux radiologues en évaluant les structures suivantes par une échelle semi quantitative à 4 catégories: les segments coronaires, les ostia droit et gauche, l'aorte ascendante, le tronc de l'artère pulmonaire, la valve aortique et les cavités cardiaques. Results: Les reconstructions par MCA ont été réalisées chez 47 patients (âge moyen 5.2 ± 4.7 years, rythme cardiaque 95 ± 27 bpm, et variation du rythme cardiaque 13 ± 8 bpm) sur un total de 6900 structures. Les reconstructions SSF2 ont de meilleurs résultats que les reconstructions SSF1 et monophasiques en proportion d'images de qualité diagnostique (respectivement 99.3% vs. 93.5% et 91.5%, P

Transnational Management offers a uniquely global focus on strategic development, organizational capabilities and management challenges.

From the Publishers Weekly review: "Two experts from Yale tackle the business wake-

up-call du jour-environmental responsibility-from every angle in this thorough, earnest guidebook: pragmatically, passionately, financially and historically. Though "no company the authors know of is on a truly long-term sustainable course," Esty and Winston label the forward-thinking, green-friendly (or at least green-acquainted) companies WaveMakers and set out to assess honestly their path toward environmental responsibility, and its impact on a company's bottom line, customers, suppliers and reputation. Following the evolution of business attitudes toward environmental concerns, Esty and Winston offer a series of fascinating plays by corporations such as Wal-Mart, GE and Chiquita (Banana), the bad guys who made good, and the good guys-watchdogs and industry associations, mostly-working behind the scenes. A vast number of topics huddle beneath the umbrella of threats to the earth, and many get a thorough analysis here: from global warming to electronic waste "take-back" legislation to subsidizing sustainable seafood. For the responsible business leader, this volume provides plenty of (organic) food for thought. "

*The #1 New York Times and Wall Street Journal bestseller from Steve Case—the co-founder of AOL—presents "a compelling roadmap for the future...that can help us make sense of the technological changes reshaping our economy and the world. A fascinating read" (Sheryl Sandberg, Facebook COO and founder of LeanIn.org). Steve Case—a pioneer who made the Internet part of everyday life—was on the leading edge of a revolution in 1985 when he co-founded AOL, the first Internet company to go public and the most successful business of the 1990s. Back then Case was an entrepreneur in an industry that hadn't really been invented yet, but he had a sense how dramatically the Internet would transform business and society. In *The Third Wave*, he uses his insights garnered from nearly four decades of working as an innovator, investor, and businessman to argue the importance of entrepreneurship and to chart a path for future innovators. We are entering, as Case explains, the "Third Wave" of the Internet. The first wave saw AOL and other companies lay the foundation for consumers to connect to the Internet. The second wave saw companies like Google and Facebook build on top of the Internet to create search and social networking capabilities, while apps like Snapchat and Instagram leveraged the smartphone revolution. Now, Case argues, we're entering the Third Wave: a period in which entrepreneurs will vastly transform major "real world" sectors such as health, education, transportation, energy, and food—and in the process change the way we live our daily lives. Part memoir, part manifesto, and part playbook for the future, *The Third Wave* explains the ways in which newly emerging technology companies will have to rethink their relationships with customers, with competitors, and with governments; and offers advice for how entrepreneurs can make winning business decisions and strategies—and how all of us can make sense of this ever-changing digital age.*

Body MDCT in Small Animals

How the Other Half Lives

Contrast-Enhanced Mammography

Medical Image Computing and Computer Assisted Intervention – MICCAI 2021

Machine Learning for Tomographic Imaging

Modern Diagnostic X-Ray Sources

This third edition provides a concise and generously illustrated survey of the complete field of imaging and image computing, explaining the mathematical and physical principles and giving the reader a clear understanding of how images are obtained and interpreted. Medical imaging and image computing are rapidly evolving fields, and this edition has been updated with the latest developments in the field, as well as new images and animations. An introductory chapter on image processing is followed by chapters on the imaging modalities: radiography, CT, MRI, nuc

medicine and ultrasound. Each chapter covers the basic physics and interaction with tissue, the reconstruction process, image quality aspects, modern equipment, clinical applications, and biological effects and safety issues. Subsequent chapters review image computing and visualization for diagnosis and treatment. Engineers, physicists and clinicians at all levels will find this new edition an invaluable aid in understanding the principles of imaging and their clinical applications.

Computed Tomography

7th Joint International Workshop, CVII-STENT 2018 and Third International Workshop, LABELS 2018, Held in Conjunction with MICCAI 2018, Granada, Spain, September 16, 2018, Proceedings

An Entrepreneur's Vision of the Future

Problem Solving in Chest Imaging E-Book

Technology, Manufacturing, Reliability

Direct and Large Eddy Simulation XII