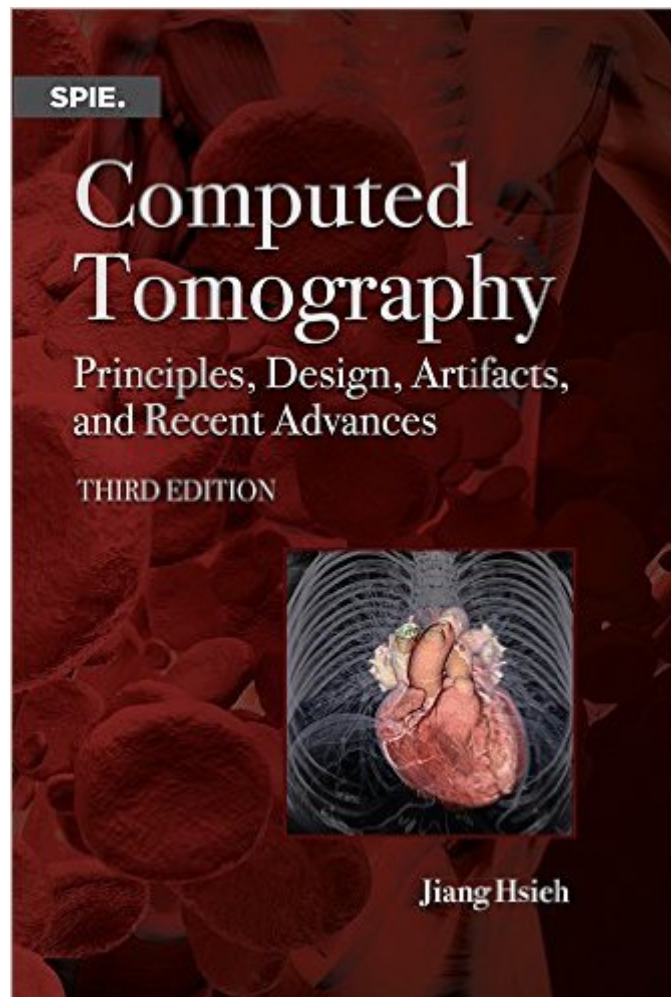


The book was found

# Computed Tomography: Principles, Design, Artifacts, And Recent Advances (Press Monograph)



## Synopsis

X-ray computed tomography (CT) has experienced an explosion of technological development for a quarter century. Six years after the second edition of *Computed Tomography*, this third edition captures the most recent advances in technology and clinical applications. New to this edition are descriptions of iterative reconstruction, statistical reconstruction, methodologies used to model the CT systems, and the searching methodologies for optimal solutions. A new section on 3D printing introduces approaches by early adopters in the area. Also added is a description and discussion of the size-specific dose estimate, an index that attempts to more accurately reflect the dose absorption of specific-sized patients. The coverage of dual-energy CT has been significantly expanded to include its background, theoretical development, and clinical applications.

## Book Information

Series: Press Monograph

Hardcover: 666 pages

Publisher: Society of Photo Optical; 3 edition (October 16, 2015)

Language: English

ISBN-10: 1628418257

ISBN-13: 978-1628418255

Product Dimensions: 6 x 9 inches

Shipping Weight: 3.4 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #605,875 in Books (See Top 100 in Books) #65 in Books > Computers & Technology > Graphics & Design > Computer Modelling > Imaging Systems #267 in Books > Textbooks > Medicine & Health Sciences > Allied Health Services > Radiological & Ultrasound Technology #321 in Books > Medical Books > Allied Health Professions > Radiologic & Ultrasound Technology

[Download to continue reading...](#)

Computed Tomography: Principles, Design, Artifacts, and Recent Advances (Press Monograph)  
Positron Emission Tomography with Computed Tomography (PET/CT) Physical Principles of  
Computed Tomography (The Little, Brown library of radiology) Atlas of Correlative Imaging Anatomy  
of the Normal Dog: Ultrasound and Computed Tomography Interpretation Basics of Cone Beam  
Computed Tomography Physical Basis of Computed Tomography Emission Computed  
Tomography: Current Trends Multislice Computed Tomography: A Practical Approach to Clinical

Protocols. Hydrosilylation: A Comprehensive Review on Recent Advances (Advances in Silicon Science) New methods and recent developments of the stereochemistry of ephedrine, pyrrolizidine, granatane and tropane alkaloids, (Recent developments in the chemistry of natural carbon compounds) Renal Physiology: Mosby Physiology Monograph Series (Mosby's Physiology Monograph) Life With CPAP: Central and Obstructive Sleep Apnea, Recent Advances in Therapy Orthodontic Biomechanics: Treatment Of Complex Cases Using Clear Aligner (Recent Advances in Dentistry Book 1) Recent Advances in Virus Diagnosis: A Seminar in the CEC Programme of Co-ordination of Research on Animal Pathology, held at the Veterinary Research ... 1983 (Current Topics in Veterinary Medicine) The Book of Indian Crafts and Indian Lore: The Perfect Guide to Creating Your Own Indian-Style Artifacts Steampunk Gear, Gadgets, and Gizmos: A Maker's Guide to Creating Modern Artifacts The Golden Land: The Story of Jewish Immigration to America: An Interactive History With Removable Documents and Artifacts After the Martian Apocalypse: Extraterrestrial Artifacts and the Case for Mars Exploration "The Handbook of Nanotechnology. Nanometer Structures: Theory, Modeling, and Simulation (SPIE Press Monograph Vol. PM129)" Optics Made Clear: The Nature of Light And How We Use It (SPIE Press Monograph Vol. PM163)

[Dmca](#)