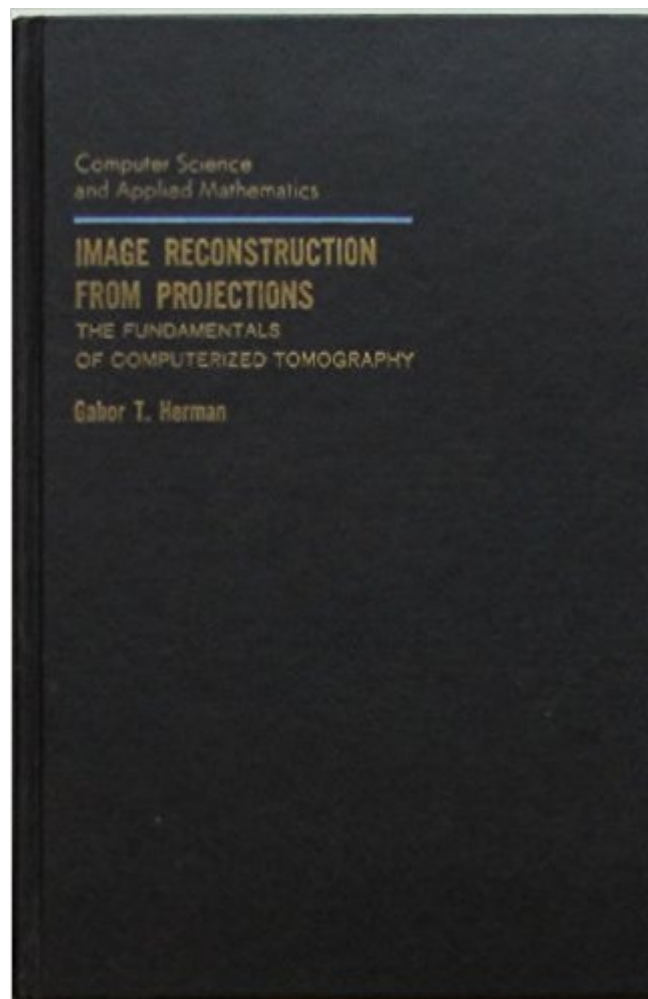




The book was found

Image Reconstruction From Projections: The Fundamentals Of Computerized Tomography (Computer Science & Applied Mathematics)





Synopsis

This revised and updated second edition " now with two new chapters - is the only book to give a comprehensive overview of computer algorithms for image reconstruction. It covers the fundamentals of computerized tomography, including all the computational and mathematical procedures underlying data collection, image reconstruction and image display. Among the new topics covered are: spiral CT, fully 3D positron emission tomography, the linogram mode of backprojection, and state of the art 3D imaging results. It also includes two new chapters on comparative statistical evaluation of the 2D reconstruction algorithms and alternative approaches to image reconstruction.

Book Information

Series: Computer Science & Applied Mathematics

Hardcover: 316 pages

Publisher: Academic Pr (October 1980)

Language: English

ISBN-10: 0123420504

ISBN-13: 978-0123420503

Product Dimensions: 0.8 x 6.2 x 9.5 inches

Shipping Weight: 1.8 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 1 customer review

Best Sellers Rank: #1,728,654 in Books (See Top 100 in Books) #4 in Books > Medical Books > Medicine > Computer Applications #606 in Books > Textbooks > Medicine & Health Sciences > Allied Health Services > Radiological & Ultrasound Technology #799 in Books > Medical Books > Allied Health Professions > Radiologic & Ultrasound Technology

Customer Reviews

This revised and updated second edition " now with two new chapters - is the only book to give a comprehensive overview of computer algorithms for image reconstruction. It covers the fundamentals of computerized tomography, including all the computational and mathematical procedures underlying data collection, image reconstruction and image display. Among the new topics covered are: spiral CT, fully 3D positron emission tomography, the linogram mode of backprojection, and state of the art 3D imaging results. It also includes two new chapters on comparative statistical evaluation of the 2D reconstruction algorithms and alternative approaches to image reconstruction.

This book was already 20 yrs old when purchased, but had one of the most straight forward presentations of the subject.

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

Image Reconstruction from Projections: The Fundamentals of Computerized Tomography (Computer Science & Applied Mathematics) The Mathematics of Computerized Tomography Imagery and Disease: Image-Ca, Image-Sp, Image-Db : A Diagnostic Tool for Behavioral Medicine The Body Image Workbook for Teens: Activities to Help Girls Develop a Healthy Body Image in an Image-Obsessed World Fundamentals of Discrete Math for Computer Science: A Problem-Solving Primer (Undergraduate Topics in Computer Science) Differential Equations and Their Applications: An Introduction to Applied Mathematics (Texts in Applied Mathematics) (v. 11) Principles of Mathematical Analysis (International Series in Pure and Applied Mathematics) (International Series in Pure & Applied Mathematics) Introduction to the Foundations of Applied Mathematics (Texts in Applied Mathematics) Mathematics and Computer Science in Medical Imaging (Nato a S I Series Series III, Computer and Systems Sciences) Fractal Geometry and Dynamical Systems in Pure and Applied Mathematics I: Fractals in Pure Mathematics (Contemporary Mathematics) Illustrated Computer Tomography: A Practical Guide to Ct Interpretations 1st Grade Computer Basics : The Computer and Its Parts: Computers for Kids First Grade (Children's Computer Hardware Books) 3D Reconstruction: Methods, Applications and Challenges (Computer Science, Technology and Applications) Extremal Combinatorics: With Applications in Computer Science (Texts in Theoretical Computer Science. An EATCS Series) Computer Science for the Curious: Why Study Computer Science? (The Stuck Student's Guide to Picking the Best College Major and Career) Seth Dreams and Projections Of Consciousness Lucid Dreaming Easy Beginners Guidebook to Understand, Practice, and Master Lucid Dreaming With Advanced Tips and Techniques (Lucid Dreaming, Dreams, Mental ... Astral Projections, Self Help) World Regional Maps Coloring Book: Maps of World Regions, Continents, World Projections, USA and Canada Projections of War: Hollywood, American Culture, and World War II Healing your self image after herpes: Clear away shame to reclaim a vibrant, confident beautiful and loving self image! (Guides Book 1)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

