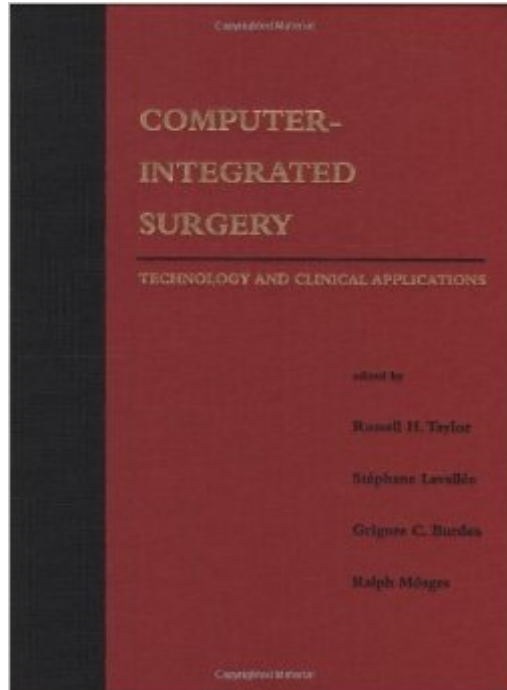


The book was found

Computer-Integrated Surgery: Technology And Clinical Applications



Synopsis

In Computer-Integrated Surgery leading researchers and clinical practitioners describe the exciting new partnership that is being forged between surgeons and machines such as computers and robots, enabling them to perform certain skilled tasks better than either can do alone. The 19 chapters in part I, Technology, explore the components -- registration, basic tools for surgical planning, human-machine interfaces, robotic manipulators, safety -- that are the basis of computer-integrated surgery. These chapters provide essential background material needed to get up to speed on current work as well as a ready reference for those who are already active in the field. The 39 chapters in part II, Applications, cover eight clinical areas -- neurosurgery, orthopedics, eye surgery, dentistry, minimal access surgery, ENT surgery, craniofacial surgery, and radiotherapy -- with a concluding chapter on the high-tech operating room. Each section contains a brief introduction as well as at least one "requirements and opportunities" chapter written by a leading clinician in the area under discussion.

Book Information

Series: MIT Press

Hardcover: 756 pages

Publisher: The MIT Press (September 15, 1995)

Language: English

ISBN-10: 026220097X

ISBN-13: 978-0262200974

Product Dimensions: 8.9 x 1.6 x 11.2 inches

Shipping Weight: 5 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 starsÂ Â See all reviewsÂ (1 customer review)

Best Sellers Rank: #164,459 in Books (See Top 100 in Books) #2 inÂ Books > Medical Books > Medicine > Surgery > Laparoscopic & Robotic #12 inÂ Books > Textbooks > Medicine & Health Sciences > Medicine > Biotechnology #85 inÂ Books > Engineering & Transportation > Engineering > Bioengineering > Biotechnology

Customer Reviews

This book is wonderful if you are severely interested in CIS. I go to Johns Hopkins where Dr. Taylor actually teaches the class. The book is well written and covers alot of interesting subjects pertaining to the emerging field of CIS. This is the definitive case and information book for getting info on CIS.

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

Computer-Integrated Surgery: Technology and Clinical Applications Gastric Sleeve Diet: A Comprehensive Gastric Sleeve Weight Loss Surgery Diet Guide (Gastric Sleeve Surgery, Gastric Sleeve Diet, Bariatric Surgery, Weight Loss Surgery, Maximizing Success Rate) HACKING: Beginner's Crash Course - Essential Guide to Practical: Computer Hacking, Hacking for Beginners, & Penetration Testing (Computer Systems, Computer Programming, Computer Science Book 1) You Can Heal After Spine Surgery: Managing pain, making decisions, preparing for surgery, and finally recovering from back and neck surgery. Basic, Advanced, and Robotic Laparoscopic Surgery: Female Pelvic Surgery Video Atlas Series, 1e (Female Pelvic Video Surgery Atlas Series) Surgery Open Heart: A Surgical Nurse Guides You Through Open Heart Surgery (Open Heart Surgery, Aortic Valve / Mitral Valve Replacement, Coronary Artery Bypass, Aortic Aneurysm, Myxoma) The BIG Book on Bariatric Surgery: Living Your Best Life After Weight Loss Surgery (The BIG Books on Weight Loss Surgery 4) Sex Change - Male to Female: An Essential Guide for Understanding the Process of Gender Reassignment Surgery & Getting to Know the New You ~ (Transgender Surgery | Sex Reassignment Surgery) Robotic Surgery, An Issue of Thoracic Surgery Clinics, 1e (The Clinics: Surgery) ECHO USER GUIDE: The Official User Guide For Using Your Echo (technology mobile communication kindle alexa computer hardware) (Echo ... & Technology Ebooks Hardware & DIY) Clinical Companion to Medical-Surgical Nursing: Assessment and Management of Clinical Problems, 9e (Lewis, Clinical Companion to Medical-Surgical Nursing: Assessment and Management of C) Design With Operational Amplifiers And Analog Integrated Circuits (McGraw-Hill Series in Electrical and Computer Engineering) Basic Pharmacokinetics and Pharmacodynamics: An Integrated Textbook and Computer Simulations Live Pain Free Without Drugs or Surgery: How to use Integrated Positional Therapy to eliminate chronic pain Wireless Positioning Technologies and Applications, Second Edition (Gnss Technology and Applications) Integrated E-Learning: Implications for Pedagogy, Technology and Organization (Open and Flexible Learning Series) Integrated Optics: Theory and Technology Renal Physiology: A Clinical Approach (Integrated Physiology) Complete Guide to Symptoms, Illness & Surgery: Updated and Revised 6th Edition (Complete Guidel to Symptoms, Illness and Surgery) Mastery of Endoscopic and Laparoscopic Surgery (Soper, Mastery of Endoscopic and Laparoscopic Surgery)

[Dmca](#)