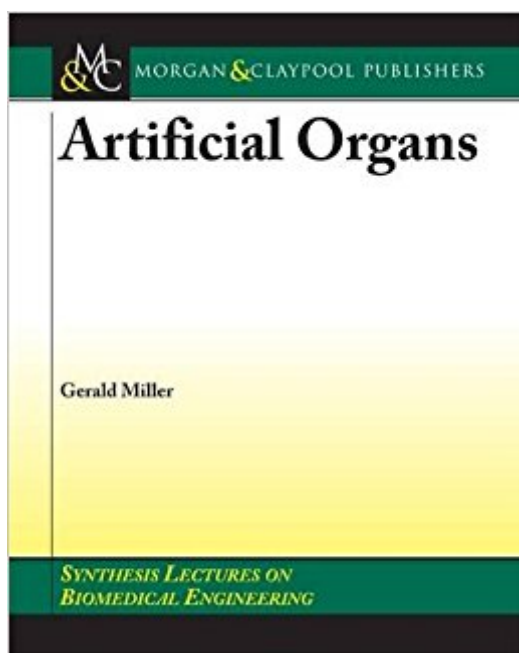


The book was found

Artificial Organs (Synthesis Lectures On Biomedical Engineering)



Synopsis

The replacement or augmentation of failing human organs with artificial devices and systems has been an important element in health care for several decades. Such devices as kidney dialysis to augment failing kidneys, artificial heart valves to replace failing human valves, cardiac pacemakers to reestablish normal cardiac rhythm, and heart assist devices to augment a weakened human heart have assisted millions of patients in the previous 50 years and offers lifesaving technology for tens of thousands of patients each year. Significant advances in these biomedical technologies have continually occurred during this period, saving numerous lives with cutting edge technologies. Each of these artificial organ systems will be described in detail in separate sections of this lecture.

Book Information

Series: Synthesis Lectures on Biomedical Engineering (Book 4)

Paperback: 100 pages

Publisher: Morgan & Claypool Publishers; 1 edition (July 1, 2006)

Language: English

ISBN-10: 1598290487

ISBN-13: 978-1598290486

Product Dimensions: 7.5 x 0.2 x 9.2 inches

Shipping Weight: 12 ounces (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #11,125,552 in Books (See Top 100 in Books) #77 in [Books > Textbooks > Medicine & Health Sciences > Medicine > Special Topics > Prosthesis](#) #485 in [Books > Medical Books > Medicine > Prosthesis](#) #2089 in [Books > Textbooks > Medicine & Health Sciences > Medicine > Biotechnology](#)

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

Artificial Organs (Synthesis Lectures on Biomedical Engineering) Biomedical Engineering Principles Of The Bionic Man (Series on Bioengineering & Biomedical Engineering) (Bioengineering & Biomedical Engineering (Paperback)) Landmarking and Segmentation of 3D CT Images (Synthesis Lectures on Biomedical Engineering Synthesis Lectu) Biomedical Ethics for Engineers: Ethics and Decision Making in Biomedical and Biosystem Engineering (Biomedical Engineering Series) Tissue Engineering: From Cell Biology to Artificial Organs Biomedical Engineering: Bridging Medicine and Technology (Cambridge Texts in Biomedical Engineering) Biomedical Engineering for Global Health (Cambridge Texts in Biomedical Engineering) Biomedical Engineering Fundamentals (The

Biomedical Engineering Handbook, Fourth Edition) (Volume 1) Essentials of Game Theory: A Concise, Multidisciplinary Introduction (Synthesis Lectures on Artificial Intelligence and Machine Learning) Algorithms for Reinforcement Learning (Synthesis Lectures on Artificial Intelligence and Machine Learning) Human Computation (Synthesis Lectures on Artificial Intelligence and Machine Learning) Handbook of Reagents for Organic Synthesis: Reagents for Heteroarene Synthesis (Hdbk of Reagents for Organic Synthesis) Design of Artificial Human Joints & Organs An Introduction to Modeling of Transport Processes: Applications to Biomedical Systems (Cambridge Texts in Biomedical Engineering) Foundations of Biomedical Ultrasound (Biomedical Engineering Series) Tissue Engineering: Engineering Principles for the Design of Replacement Organs and Tissues Geometric Programming for Design Equation Development and Cost/Profit Optimization: (with illustrative case study problems and solutions), Third Edition (Synthesis Lectures on Engineering) Cells and Biomaterials for Intervertebral Disc Regeneration (Synthesis Lectures on Tissue Engineering) Readings in Medical Artificial Intelligence. The First Decade (Addison-Wesley Series in Artificial Intelligence) Principles of Biomedical Ethics (Principles of Biomedical Ethics (Beauchamp))

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)