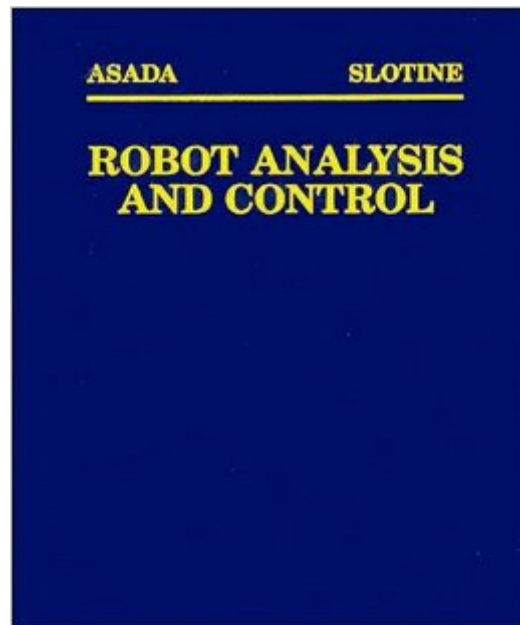


The book was found

Robot Analysis And Control



Synopsis

Introduces the basic concepts of robot manipulation--the fundamental kinematic and dynamic analysis of manipulator arms, and the key techniques for trajectory control and compliant motion control. Material is supported with abundant examples adapted from successful industrial practice or advanced research topics. Includes carefully devised conceptual diagrams, discussion of current research topics with references to the latest publications, and end-of-book problem sets.

Appendixes. Bibliography.

Book Information

Paperback: 288 pages

Publisher: Wiley-Interscience; 1 edition (April 25, 1986)

Language: English

ISBN-10: 0471830291

ISBN-13: 978-0471830290

Product Dimensions: 7.8 x 0.8 x 9.6 inches

Shipping Weight: 1.4 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 starsÂ Â See all reviewsÂ (2 customer reviews)

Best Sellers Rank: #681,064 in Books (See Top 100 in Books) #363 inÂ Books > Computers & Technology > Computer Science > Robotics #556 inÂ Books > Engineering & Transportation > Engineering > Industrial, Manufacturing & Operational Systems > Robotics & Automation #1969 inÂ Books > Computers & Technology > Hardware & DIY

Customer Reviews

This is the book nicely describing kinematics, statics, and dynamics of manipulators. There is a strong mathematics tool used but very understandable. I recommend the books to students or teachers of kinematics for its nice mathematical description. I wish to find the books of the same clarity for other topics I teach.

I used this to review my Lagrangian dynamics for a SCARA robot. It has very clear walkthroughs of Newtonian and Lagrangian analysis of SCARA robots. That is good, but what makes this book great is that it takes the time to spell out, in English, the differences between the two methods and goes so far as to show what elements of the kinematic equations represent what physical phenomenon.

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

Robot Analysis and Control Adaptive Sampling with Mobile WSN: Simultaneous Robot Localisation and Mapping of Paramagnetic Spatio-Temporal Fields (Iet Control Engineering Series) NLP: Neuro Linguistic Programming: Re-program your control over emotions and behavior, Mind Control - 3rd Edition (Hypnosis, Meditation, Zen, Self-Hypnosis, Mind Control, CBT) Principles of Robot Motion: Theory, Algorithms, and Implementations (Intelligent Robotics and Autonomous Agents series) PiBot: Build Your Own Raspberry Pi Powered Robot 2.0 - Revised and Updated Make a Raspberry Pi-Controlled Robot: Building a Rover with Python, Linux, Motors, and Sensors How to Build a Robot Army: Tips on Defending Planet Earth Against Alien Invaders, Ninjas, and Zombies Laparoscopic and Robot-Assisted Surgery in Urology: Atlas of Standard Procedures Robot Building for Beginners MSP430-based Robot Applications: A Guide to Developing Embedded Systems AUTOMATIC SANITARY ROBOT WITH OPTIMIZED PERFORMANCE OF ARBITRARY TRACK SELECTION USING PIC MICROCONTROLLER Arduino Robot Bonanza Robot Programming: A Guide to Controlling Autonomous Robots Build Your Own Combat Robot Planeaci3n y Ejecuci3n de Trayectorias: En un robot Delta (Spanish Edition) Los Inventores (Spare Parts): Cuatro adolescentes inmigrantes, un robot y la batalla por el sue3o americano (Spanish Edition) Yo, Robot (Pocket) (Spanish Edition) Mi Robot Se Tira Pedos (Spanish Edition) El robot que pens3 : Cuentos infantiles.Cuento corto para ni3os en espa3ol sobre la valent3-a. (Spanish Edition) Simulation in Robotic Surgery: A Comparative Review of Simulators of the Da Vinci Surgical Robot

[Dmca](#)