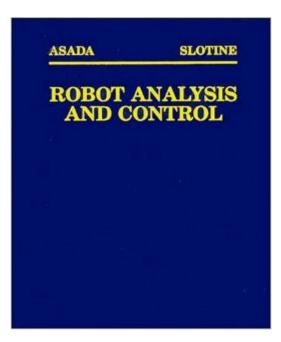
The book was found

## **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 stars Â See all reviews (2 customer reviews) Best Sellers Rank: #681,064 in Books (See Top 100 in Books) #363 in Books > Computers & Technology > Computer Science > Robotics #556 in Books > Engineering & Transportation > Engineering > Industrial, Manufacturing & Operational Systems > Robotics & Automation #1969 in 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 reccommend 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 the kinematic equations represent what physical phenomenon.

Robot Analysis and Control Adaptive Sampling with Mobile WSN: Simultaneous Robot Localisation and Mapping of Paramagnetic Spatio-Temporal Fields (let 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 PlaneaciA ny EjecuciA n de Trayectorias: En un robot Delta (Spanish Edition) Los Inventores (Spare Parts): Cuatro adolescentes inmigrantes, un robot y la batalla por el sueà o americano (Spanish Edition) Yo, Robot (Pocket) (Spanish Edition) Mi Robot Se Tira Pedos (Spanish Edition) El robot que pensà : Cuentos infantiles. Cuento corto para niãos en espaãol sobre la valentã-a. (Spanish Edition) Simulation in Robotic Surgery: A Comparative Review of Simulators of the Da Vinci Surgical Robot <u>Dmca</u>