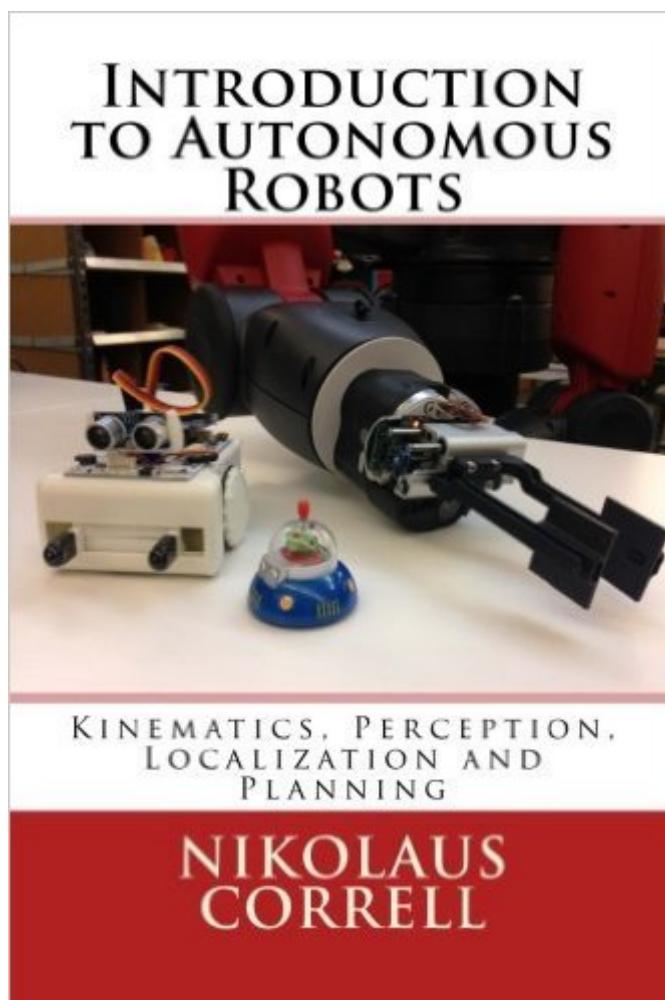


The book was found

Introduction To Autonomous Robots: Kinematics, Perception, Localization And Planning



Synopsis

This book introduces concepts in mobile, autonomous robotics to 3rd-4th year students in Computer Science or a related discipline. The book covers principles of robot motion, forward and inverse kinematics of robotic arms and simple wheeled platforms, perception, error propagation, localization and simultaneous localization and mapping. The cover picture shows a wind-up toy that is smart enough to not fall off a table just using intelligent mechanism design and illustrate the importance of the mechanism in designing intelligent, autonomous systems. This book is open source, open to contributions, and released under a creative common license.

Book Information

Paperback: 226 pages

Publisher: Magellan Scientific; 2 edition (April 25, 2016)

Language: English

ISBN-10: 0692700870

ISBN-13: 978-0692700877

Product Dimensions: 6.1 x 0.5 x 9.2 inches

Shipping Weight: 14.7 ounces (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #413,823 in Books (See Top 100 in Books) #3 in Books > Computers & Technology > Programming > Software Design, Testing & Engineering > Localization #299 in Books > Computers & Technology > Computer Science > AI & Machine Learning > Intelligence & Semantics

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

Introduction to Autonomous Robots: Kinematics, Perception, Localization and Planning Where the Jews Aren't: The Sad and Absurd Story of Birobidzhan, Russia's Jewish Autonomous Region (Jewish Encounters Series) Agile Product Management: (Box Set) Agile Estimating & Planning Your Sprint with Scrum and Release Planning 21 Steps (agile project management, agile software ... agile scrum, agile estimating and planning) Event Planning: Event Planning and Management - How to Start Successful Event Planning Business! Perception: Take Charge of How Others View Your Brand, Become Irresistible, and Make a Bigger Impact You Are the Placebo Meditation 2 -- Revised Edition: Changing One Belief and Perception Visual Intelligence: Sharpen Your Perception, Change Your Life Who Needs the Fed?: What Taylor Swift, Uber, and Robots Tell Us About Money, Credit, and Why We Should Abolish America's Central Bank Manga to the Max Robots: Drawing and

Coloring Book National Geographic Kids Everything Robotics: All the Photos, Facts, and Fun to Make You Race for Robots Rise of the Robots: Technology and the Threat of a Jobless Future The Age of Em: Work, Love, and Life When Robots Rule the Earth The Localization Handbook Localization for Universities Guide to Macintosh Software Localization (Apple Technical Library) Papertoy Glowbots: 46 Glowing Robots You Can Make Yourself! Rosetta Probe: A Robot's Mission to Catch a Comet (Robots Exploring Space) Arduino: Getting Started With Arduino: The Ultimate Beginner's Guide (Arduino 101, Arduino sketches, Complete beginners guide, Programming, Raspberry Pi 2, xml, c++, Ruby, html, php, Robots) Building Better Robots (Science Frontiers (Paperback)) Marketing Confidential: 101 Secrets to Increase Profits in the Construction Industry: Essential Tactics About Marketing, Business Development, Business Planning and Strategic Planning

[Dmca](#)