



Robotics Research Technical Report: Finding Effective Force-Targets for Two-Dimensional Multifinger Frictional Grips (Classic Reprint) (Paperback)

By Jacob T Schwartz

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from Robotics Research Technical Report: Finding Effective Force-Targets for Two-Dimensional Multifinger Frictional Grips In this paper we consider the problem of calculating force targets for a collection of fingers which grasp a two-dimensional object at known positions, at which the normals to the surface are also assumed to be known at least approximately. If the points at which the fingers touch the body do not allow a positive grip to be exerted (i.e. a grip in which the fingers hold the body in equilibrium by exerting friction-free forces in the directions of the corresponding inward-directed normals), it is appropriate to find the smallest coefficient of friction for which it is possible to assign a set of finger-force targets which hold the object at equilibrium and such that each individual force lies within the corresponding cone of friction. We also present another algorithm for preprocessing the given data so as to allow fast computation of the desired coefficient of friction for the case in which one needs to balance any given query external force and torque....

[DOWNLOAD](#)



 [READ ONLINE](#)
[3.38 MB]

Reviews

The ideal pdf i at any time go through. It is really basic but unexpected situations from the fifty percent of your pdf. Its been designed in an extremely easy way and is particularly only after i finished reading this pdf through which really changed me, alter the way i really believe.

-- Prof. Kendrick Stracke

Comprehensive manual for publication lovers. We have read through and so i am confident that i am going to going to read yet again once more down the road. I am easily could get a enjoyment of looking at a created pdf.

-- Guy Ruecker

Other Books



[History of the Town of Sutton Massachusetts from 1704 to 1876 \(Paperback\)](#)

Createspace, United States, 2015. Paperback. Book Condition: New. annotated edition. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.This version of the History of the Town of Sutton Massachusetts from 1704 to 1876 is a labor...



[Valley Forge: The History and Legacy of the Most Famous Military Camp of the Revolutionary War \(Paperback\)](#)

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Includes pictures *Includes accounts of Valley Forge written by Washington and other generals *Includes online resources and a bibliography for...



[Crochet: Learn How to Make Money with Crochet and Create 10 Most Popular Crochet Patterns for Sale: \(Learn to Read Crochet Patterns, Charts, and Graphs, Beginner s Crochet Guide with Pictures\) \(Paperback\)](#)

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Getting Your FREE Bonus Download this book, read it to the end and see BONUS: Your FREE Gift chapter after...



[Talking Digital: A Parent s Guide for Teaching Kids to Share Smart and Stay Safe Online \(Paperback\)](#)

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book. It is time for the digital talk. Today, kids are growing up in a wired world. Their online interactions, the good and the bad,...



[No Friends?: How to Make Friends Fast and Keep Them \(Paperback\)](#)

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Do You Have NO Friends ? Are you tired of not having any friend and being lonely all the time...



[The Diary of a Goose Girl \(Illustrated Edition\) \(Dodo Press\) \(Paperback\)](#)

Dodo Press, United Kingdom, 2007. Paperback. Book Condition: New. Claude A Shepperson (illustrator). Illustrated. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Kate Douglas Wiggin, nee Smith (1856-1923) was an American children s author and educator....