



Object Recognition By, 3-Dimensional Curve Matching (Classic Reprint)

By C Marc Bastuscheck

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from Object Recognition By, 3-Dimensional Curve Matching Abstract Experimental results for the recognition of general curves in three space using registered range and intensity images are presented. The matching algorithm uses fast Fourier transforms to determine the least squares difference between sequences of points sampled at equal intervals along two piecewise linear approximations of curves in three-space and returns the rotation and translation required to bring one of the curves into closest juxtaposition with the other. Performance of the algorithm is demonstrated by matching curves in three space which are the boundaries of regions of contrasting reflectivity on curved surfaces. The experiments use a recently developed range sensor which is able to generate a 512 x 460 x 12 bit range image (with registered intensity image) in 40 seconds. 1. Introduction General curves in three-space may be extremely useful as features for object recognition because curves relevant to object shape can be extracted using low level image processing techniques and can be easily stored and manipulated. Examples of curves might be the edges of a pottery...



READ ONLINE
[4.01 MB]

Reviews

These sorts of book is the best book offered. I have got read and so i am sure that i will planning to read yet again once more in the future. Its been written in an exceedingly basic way which is merely after i finished reading through this publication in which really altered me, change the way in my opinion.

-- **Miss Estella Pfannerstill**

A fresh eBook with a new standpoint. We have read through and that i am certain that i am going to going to read through again once more later on. Your life period is going to be transform as soon as you comprehensive reading this article book.

-- **Mikayla Cummings**

You May Also Like



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

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...



[Chicken Licken - Read it Yourself with Ladybird: Level 2](#)

Penguin Books Ltd, United Kingdom, 2013. Paperback. Book Condition: New. 226 x 152 mm. Language: English . Brand New Book. In this classic fairy tale, a nut falls on Chicken Licken s head and he decides he must tell the king that...



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

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...



[Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 2: The Red Hen \(Hardback\)](#)

Oxford University Press, United Kingdom, 2011. Hardback. Book Condition: New. 176 x 152 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UK s best-selling home reading series. It is based on Oxford Reading Tree which...



[Fart Book African Bean Fart Adventures in the Jungle: Short Stories with Moral](#)

Createspace, United States, 2013. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Black White Illustration Version! BONUS - Includes FREE Dog Fart Audio Book for Kids Inside! For a very time limited...



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

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,...