



ShapeIndex based Applications of Local Features for Object Recognition

By Kishore Kumar, D. / Chowdhary, Chiranji Lal

Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Humans make object recognition look trivial. We can easily identify objects in our surroundings, regardless of their circumstances, whether they are upside down, different of colour or texture, partly occluded, etc. Even objects that appear in many different forms, like vases, or objects that are subject to considerable shape deviations, such as trees, can easily be generalized by our brain to one kind of object. Objet identification is done by integrating scale invariant feature extraction (SIFT) and shape index representation of range images allows matching of surface with different scales and orientations. Shape index is obtained and which is used as a local descriptor or key-point descriptor. Key-point descriptors are identified where shape index values are extremum. So, proposed project is for object identification uses 2 different properties like 3D surface properties for shape index identification and 2D scale invariant feature transform for key-point detection and feature extraction. This proposed method may be applicable for scaled, rotated and occluded range images. | Format: Paperback | Language/Sprache: english | 68 pp.



Reviews

If you need to adding benefit, a must buy book. It really is writter in straightforward words and phrases rather than difficult to understand. Your life period is going to be change the instant you total reading this ebook.

-- Letha Okuneva

This is an amazing ebook that we have possibly go through. It really is filled with wisdom and knowledge Its been developed in an extremely straightforward way and is particularly merely after i finished reading this ebook where in fact altered me, affect the way in my opinion.

-- Berta Schmidt

Other Kindle Books



Violet Rose and the Surprise Party

Book Condition: New. Publisher/Verlag: Nosy Crow | With activities, 3D press-out models and over 175 stickers! Plus free games and printables online! | When busy rabbit, Violet Rose, discovers that her friend Lily has a birthday coming up, she and her buddies...



Would It Kill You to Stop Doing

Book Condition: New. Publisher/Verlag: Little, Brown Book Group | A Modern Guide to Manners | A laugh-out-loud guide to modern manners by acclaimed humorist, author, and Vanity Fair columnist Henry Alford. | A few years ago, humorist and journalist Henry Alford found...



EU Law

Directions

Oxford University Press, United Kingdom, 2014. Paperback. Book Condition: New. 4th ed.. 242 x 188 mm. Language: English . Brand New Book. With a readable and modern writing style, EU Law Directions clearly explains the key topics and developments in this fast-paced...



Stories of Addy and Anna: Japanese-English Edition

Mohd Shahran Bin Daud, United States, 2015. Paperback. Book Condition: New. Siti Haziqah Samsul (illustrator). 244 x 170 mm. Language: Japanese . Brand New Book ***** Print on Demand *****.This book is bilingual (Japanese-English) edition. Delightful, Colorful and Fun Learning Book for...



Stories of Addy and Anna: Chinese-English Edition

Mohd Shahran Bin Daud, United States, 2015. Paperback. Book Condition: New. Siti Haziqah Samsul (illustrator). 244 x 170 mm. Language: Chinese . Brand New Book ***** Print on Demand *****. This book is bilingual (Japanese-English) edition. Delightful, Colorful and Fun Learning Book for...



Children's Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]

Createspace, United States, 2013. Paperback. Book Condition: New. 254 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****. ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to expand and inspire young minds; this is...