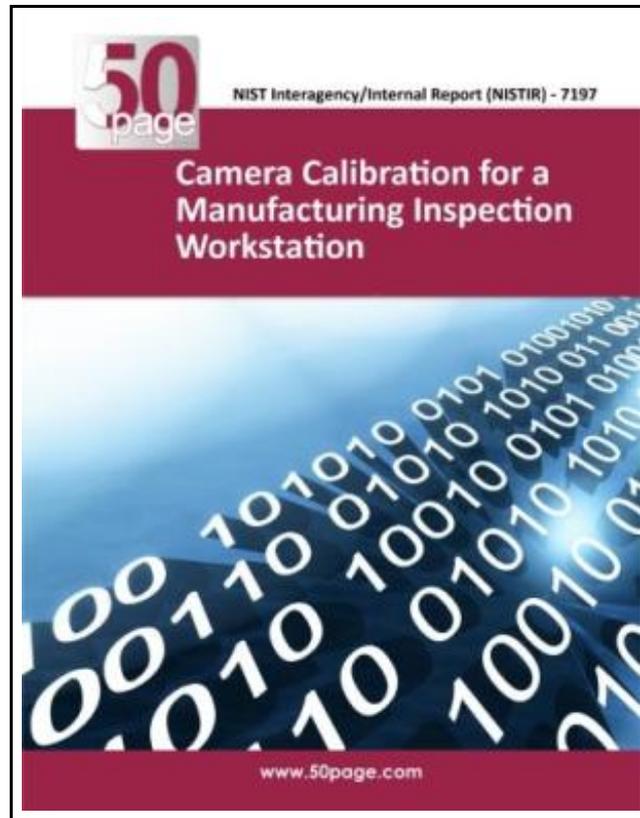


Camera Calibration for a Manufacturing Inspection Workstation



Filesize: 2.17 MB

Reviews

This book might be really worth a read, and superior to other. This really is for all who statte there had not been a really worth studying. I am just happy to tell you that this is basically the very best pdf i actually have read through during my very own lifestyle and may be he best ebook for actually.
(Elnora Ruecker)

CAMERA CALIBRATION FOR A MANUFACTURING INSPECTION WORKSTATION



To read **Camera Calibration for a Manufacturing Inspection Workstation** eBook, remember to refer to the link listed below and save the ebook or get access to other information which are relevant to CAMERA CALIBRATION FOR A MANUFACTURING INSPECTION WORKSTATION ebook.

CreateSpace Independent Publishing Platform. Paperback. Book Condition: New. This item is printed on demand. Paperback. 64 pages. Dimensions: 11.0in. x 8.5in. x 0.1in. A CCD camera mounted on a manufacturing part inspection workstation is calibrated for measuring 3D part geometry. It is calibrated by using computer algorithms to analyze data collected from a specially designed calibration image pattern. The calibration image used is a black and white checkerboard pattern. A commonly used camera calibration procedure is used to analyze the image data of the checkerboard calibration image. A camera model is obtained which contains intrinsic parameters representing the characteristic properties of the camera. The calibration is proven to result in a sub-pixel accuracy. A machine-part test specimen is chosen to demonstrate the accuracy of application of the camera model to predict geometrical feature locations of usual manufacturing parts. As a first trial, the experimental test shows that an accuracy on the order of 1 mm is easily attainable in predicting the feature locations, with the part being placed at a distance about 45 cm from the camera. Depending on the applications, special optical lens assembly may be designed to attach on the CCD camera and higher measurement accuracy of the feature locations may be obtained. This item ships from La Vergne, TN. Paperback.



[Read Camera Calibration for a Manufacturing Inspection Workstation Online](#)



[Download PDF Camera Calibration for a Manufacturing Inspection Workstation](#)



[Download ePub Camera Calibration for a Manufacturing Inspection Workstation](#)

Other Kindle Books



[PDF] Absolutely Lucy #4 Lucy on the Ball A Stepping Stone BookTM

Access the hyperlink listed below to download "Absolutely Lucy #4 Lucy on the Ball A Stepping Stone BookTM" PDF document.

[Read eBook »](#)



[PDF] The Stories Julian Tells A Stepping Stone BookTM

Access the hyperlink listed below to download "The Stories Julian Tells A Stepping Stone BookTM" PDF document.

[Read eBook »](#)



[PDF] Animalogy: Animal Analogies

Access the hyperlink listed below to download "Animalogy: Animal Analogies" PDF document.

[Read eBook »](#)



[PDF] The Mystery at Motown Carole Marsh Mysteries

Access the hyperlink listed below to download "The Mystery at Motown Carole Marsh Mysteries" PDF document.

[Read eBook »](#)



[PDF] Eagle Song Puffin Chapters

Access the hyperlink listed below to download "Eagle Song Puffin Chapters" PDF document.

[Read eBook »](#)



[PDF] Viking Ships At Sunrise Magic Tree House, No. 15

Access the hyperlink listed below to download "Viking Ships At Sunrise Magic Tree House, No. 15" PDF document.

[Read eBook »](#)



[PDF] Kindle Fire Tips And Tricks How To Unlock The True Power Inside Your Kindle Fire

Access the link under to read "Kindle Fire Tips And Tricks How To Unlock The True Power Inside Your Kindle Fire" document.

[Download Document »](#)



[PDF] Marm Lisa

Access the link under to read "Marm Lisa" document.

[Download Document »](#)



[PDF] Dont Line Their Pockets With Gold Line Your Own A Small How To Book on Living Large

Access the link under to read "Dont Line Their Pockets With Gold Line Your Own A Small How To Book on Living Large" document.

[Download Document »](#)



[PDF] When Santa Claus Prayed

Access the link under to read "When Santa Claus Prayed" document.

[Download Document »](#)



[PDF] Read Write Inc. Phonics: Green Set 1 Storybook 8 the Web (Paperback)

Access the link under to read "Read Write Inc. Phonics: Green Set 1 Storybook 8 the Web (Paperback)" document.

[Download Document »](#)



[PDF] Passing Judgement Short Stories about Serving Justice

Access the link under to read "Passing Judgement Short Stories about Serving Justice" document.

[Download Document »](#)