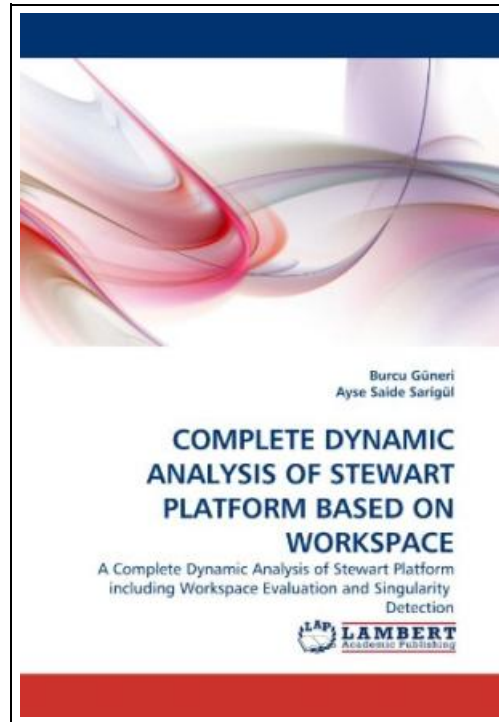


## Complete Dynamic Analysis of Stewart Platform Based on Workspace



Filesize: 2.03 MB

### **Reviews**

*The ebook is straightforward in read through preferable to comprehend. It is definitely simplified but shocks within the fifty percent of your pdf. Your lifestyle span is going to be transform when you total reading this publication.*  
(Dr. Jarrett Bednar)

## COMPLETE DYNAMIC ANALYSIS OF STEWART PLATFORM BASED ON WORKSPACE



LAP Lambert Academic Publishing. Paperback. Condition: New. 140 pages. Dimensions: 8.7in. x 5.9in. x 0.3in. In recent years, the field of parallel manipulators has expanded significantly in applications requiring high precision, loading capacity, accuracy, rigidity and high velocity. Stewart platform is the most common type of parallel manipulators. Limited workspace, complex kinematic solutions, singularities inside the workspace are the main problems encountered with regard to this type of robots. In this book, using some design engineering software and programming language, Stewart platform is investigated in details by modeling and simulation, dynamic analysis and singularity detection. The effects of geometric and kinematic parameters on the workspace are determined for different orientations of the moving platform. The actuator forces computed on the workspace boundaries are compared for different joint positions. Singularity analysis of Stewart platform is also performed considering many aspects based on trajectory planning. In this manner, a complete package of analysis focused on Stewart platform is presented in this book. The reader can benefit from the obtained results and conclusions which may be utilized for design, analysis, simulation and manufacturing purposes. This item ships from multiple locations. Your book may arrive from Roseburg, OR, La Vergne, TN. Paperback.



[Read Complete Dynamic Analysis of Stewart Platform Based on Workspace Online](#)

[Download PDF Complete Dynamic Analysis of Stewart Platform Based on Workspace](#)

## Related PDFs



### Scholastic Discover More Penguins

Scholastic Reference. Paperback. Book Condition: New. Paperback. 80 pages. Dimensions: 10.0in. x 8.0in. x 0.4in.Scholastic Discover More is a revolutionary new nonfiction line pairing stunning print books with corresponding interactive digital books that extend the...

[Save ePub »](#)



### DK Readers Invaders From Outer Space Level 3 Reading Alone

DK CHILDREN. Paperback. Book Condition: New. Paperback. 48 pages. Dimensions: 8.9in. x 5.9in. x 0.1in.Are aliens from other planets visiting Earth Read these amazing stories of alien encounters -- and make up your own mind!...

[Save ePub »](#)



### DK Readers The Story of Muhammad Ali Level 4 Proficient Readers

DK CHILDREN. Paperback. Book Condition: New. Paperback. 48 pages. Dimensions: 8.7in. x 6.5in. x 0.2in.Written by leading childrens authors and compiled by leading experts in the field, DK Readers are one of the most delightful...

[Save ePub »](#)



### Absolutely Lucy #4 Lucy on the Ball A Stepping Stone BookTM

Random House Books for Young Readers. Paperback. Book Condition: New. David Merrell (illustrator). Paperback. 112 pages. Dimensions: 7.4in. x 5.1in. x 0.4in. Ilene Coopers fourth story of a boy and his beagle takes Bobby and Lucy...

[Save ePub »](#)



### Get Up and Go

Puffin. Paperback. Book Condition: New. Paperback. 32 pages. Dimensions: 10.0in. x 7.7in. x 0.3in.We all come in different shapes and sizes, and it doesnt matter if you are tall, short, skinny, or round. Your body...

[Save ePub »](#)