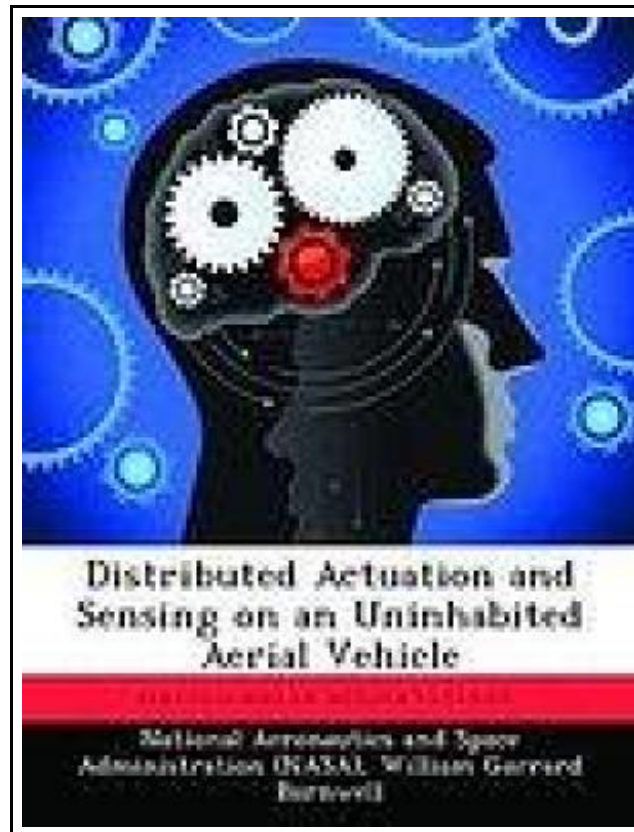


Distributed Actuation and Sensing on an Uninhabited Aerial Vehicle



Filesize: 3.19 MB

Reviews

It is not difficult in read through easier to comprehend. It is packed with knowledge and wisdom You may like just how the article writer write this pdf.

(Kristy Hermann)

DISTRIBUTED ACTUATION AND SENSING ON AN UNINHABITED AERIAL VEHICLE



To download **Distributed Actuation and Sensing on an Uninhabited Aerial Vehicle** PDF, remember to click the link beneath and download the ebook or have access to additional information which might be related to DISTRIBUTED ACTUATION AND SENSING ON AN UNINHABITED AERIAL VEHICLE book.

Biblioscholar Mrz 2013, 2013. Taschenbuch. Book Condition: Neu. 246x189x7 mm. This item is printed on demand - Print on Demand Neuware - An array of effectors and sensors has been designed, tested and implemented on a Blended Wing Body Uninhabited Aerial Vehicle (UAV). The UAV is modified to serve as a flying, controls research, testbed. This effector/sensor array provides for the dynamic vehicle testing of controller designs and the study of decentralized control techniques. Each wing of the UAV is equipped with 12 distributed effectors that comprise a segmented array of independently actuated, contoured control surfaces. A single pressure sensor is installed near the base of each effector to provide a measure of deflections of the effectors. The UAV wings were tested in the North Carolina State University Subsonic Wind Tunnel and the pressure distribution that result from the deflections of the effectors are characterized. The results of the experiments are used to develop a simple, but accurate, prediction method, such that for any arrangement of the effector array the corresponding pressure distribution can be determined. Numerical analysis using the panel code CMARC verifies this prediction method. 122 pp. Englisch.



[Read Distributed Actuation and Sensing on an Uninhabited Aerial Vehicle Online](#)



[Download PDF Distributed Actuation and Sensing on an Uninhabited Aerial Vehicle](#)



[Download ePub Distributed Actuation and Sensing on an Uninhabited Aerial Vehicle](#)

You May Also Like



[PDF] Psychologisches Testverfahren

Follow the web link below to read "Psychologisches Testverfahren" file.

[Read ePub »](#)



[PDF] Programming in D

Follow the web link below to read "Programming in D" file.

[Read ePub »](#)



[PDF] Variations on an Original Theme Enigma , Op. 36: Study Score (Paperback)

Follow the web link below to read "Variations on an Original Theme Enigma , Op. 36: Study Score (Paperback)" file.

[Read ePub »](#)



[PDF] The Java Tutorial (3rd Edition)

Follow the web link below to read "The Java Tutorial (3rd Edition)" file.

[Read ePub »](#)



[PDF] Tinga Tinga Tales: Why Lion Roars - Read it Yourself with Ladybird

Follow the web link below to read "Tinga Tinga Tales: Why Lion Roars - Read it Yourself with Ladybird" file.

[Read ePub »](#)



[PDF] Adult Coloring Book Birds: Advanced Realistic Bird Coloring Book for Adults (Paperback)

Follow the web link below to read "Adult Coloring Book Birds: Advanced Realistic Bird Coloring Book for Adults (Paperback)" file.

[Read ePub »](#)

**[PDF] Hussite Overture, Op. 67 / B. 132: Study Score (Paperback)**

Follow the link listed below to download "Hussite Overture, Op. 67 / B. 132: Study Score (Paperback)" PDF document.

[Read eBook »](#)

**[PDF] Suite in E Major, Op. 63: Study Score (Paperback)**

Follow the link listed below to download "Suite in E Major, Op. 63: Study Score (Paperback)" PDF document.

[Read eBook »](#)

**[PDF] Cello Concerto, Op. 104 / B. 191: Study Score (Paperback)**

Follow the link listed below to download "Cello Concerto, Op. 104 / B. 191: Study Score (Paperback)" PDF document.

[Read eBook »](#)

**[PDF] Pastorale D Ete: Study Score (Paperback)**

Follow the link listed below to download "Pastorale D Ete: Study Score (Paperback)" PDF document.

[Read eBook »](#)

**[PDF] Learn em Good: Improve Your Child s Math Skills: Simple and Effective Ways to Become Your Child s Free Tutor Without Opening a Textbook (Paperback)**

Follow the link listed below to download "Learn em Good: Improve Your Child s Math Skills: Simple and Effective Ways to Become Your Child s Free Tutor Without Opening a Textbook (Paperback)" PDF document.

[Read eBook »](#)

**[PDF] The Water Goblin, Op. 107 / B. 195: Study Score (Paperback)**

Follow the link listed below to download "The Water Goblin, Op. 107 / B. 195: Study Score (Paperback)" PDF document.

[Read eBook »](#)