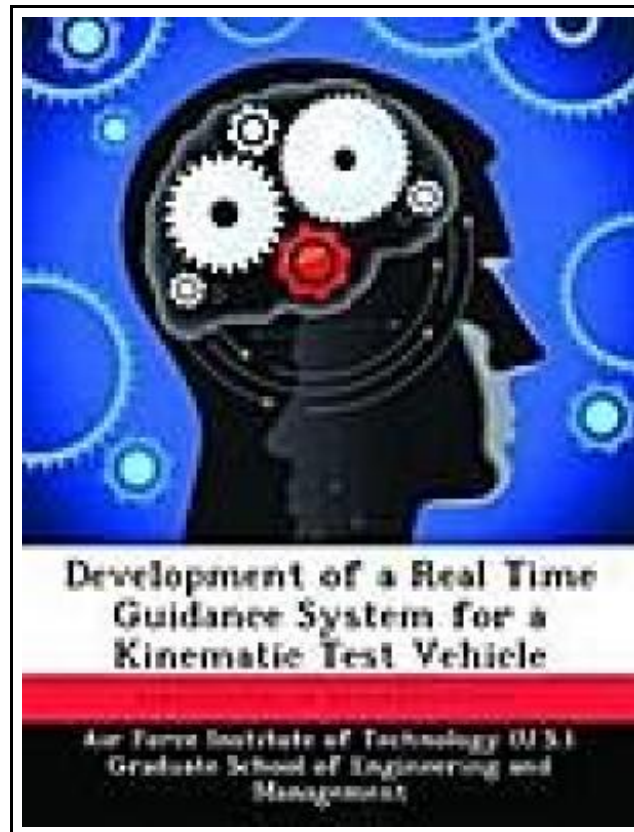


Development of a Real Time Guidance System for a Kinematic Test Vehicle



Filesize: 2.71 MB

Reviews

Basically no phrases to clarify. It really is written in straightforward phrases rather than hard to understand. You will not sense monotony at any moment of your own time (that's what catalogues are for concerning if you ask me).

(Doris Beier)

DEVELOPMENT OF A REAL TIME GUIDANCE SYSTEM FOR A KINEMATIC TEST VEHICLE

[DOWNLOAD](#)

To read **Development of a Real Time Guidance System for a Kinematic Test Vehicle** PDF, remember to refer to the hyperlink under and save the ebook or gain access to other information that are in conjunction with **DEVELOPMENT OF A REAL TIME GUIDANCE SYSTEM FOR A KINEMATIC TEST VEHICLE** book.

Biblioscholar Sep 2012, 2012. Taschenbuch. Book Condition: Neu. 246x189x6 mm. This item is printed on demand - Print on Demand Neuware - Differential carrier phase GPS measurements are capable of giving centimeter-level accuracies. These accuracies have many potential applications for safety and control of various types of vehicles. For this research, a real-time guidance system is developed. The real-time guidance system can be divided into two components: hardware and software. The hardware component consists of two GPS receivers (one base, one mobile), two wireless 115Kbaud transceivers, and two laptop computers. One computer is for the reference station and other is for the mobile receiver interface and graphical display. The guided vehicle is a golf car called the Remote Sensing Autonomous Vehicle for EN (RAVEN). The research concentrated on developing real-time data processing algorithms and using these algorithms to show guidance information to the user via a graphical interface. The developed software reads the real-time GPS data using an RS-232 interface and converts it to a usable form for the data processing algorithms. The data processing algorithm compares the real-time data with the desired track and outputs the guidance information to the guidance display. Based on the information from the guidance display, the user is able to drive on the desired track. Four tests were performed to evaluate the guidance system performance and human factors under different circumstances. These tests include update rate tests, a single instrument test, varying parameter tests, and an under hood test. Tests results and user feedback show that the system performs well under most conditions. 98 pp. Englisch.



[Read Development of a Real Time Guidance System for a Kinematic Test Vehicle Online](#)



[Download PDF Development of a Real Time Guidance System for a Kinematic Test Vehicle](#)

You May Also Like



[PDF] Genuine book Oriental fertile new version of the famous primary school enrollment program: the intellectual development of pre-school Jiang(Chinese Edition)

Follow the web link beneath to read "Genuine book Oriental fertile new version of the famous primary school enrollment program: the intellectual development of pre-school Jiang(Chinese Edition)" document.

[Download Book »](#)



[PDF] With Chatwin: Portrait of a Writer

Follow the web link beneath to read "With Chatwin: Portrait of a Writer" document.

[Download Book »](#)



[PDF] Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .

Follow the web link beneath to read "Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications ." document.

[Download Book »](#)



[PDF] Daddyteller: How to Be a Hero to Your Kids and Teach Them What s Really by Telling Them One Simple Story at a Time

Follow the web link beneath to read "Daddyteller: How to Be a Hero to Your Kids and Teach Them What s Really by Telling Them One Simple Story at a Time" document.

[Download Book »](#)



[PDF] Readers Clubhouse Set B Time to Open

Follow the web link beneath to read "Readers Clubhouse Set B Time to Open" document.

[Download Book »](#)



[PDF] Read Write Inc. Phonics: Orange Set 4 Storybook 2 I Think I Want to be a Bee

Follow the web link beneath to read "Read Write Inc. Phonics: Orange Set 4 Storybook 2 I Think I Want to be a Bee" document.

[Download Book »](#)