



System Identification of an on Orbit Spacecraft's Antenna Dynamics

By Christopher M. Sylvester

Biblioscholar Nov 2012, 2012. Taschenbuch. Book Condition: Neu. 246x189x6 mm. This item is printed on demand - Print on Demand Neuware - The research presented here is a follow on to previous efforts [Pachter, Barba, 2007] in which a tight control loop was designed to meet performance specifications while minimizing the control gains of a spacecraft mounted flexible antenna. Emphasis is now shifted to system identification in order to increase nominal plant knowledge, estimate plant uncertainty bounds, as well as determine the disturbance band. Knowledge of the plant dynamics along with the corresponding uncertainty bounds will provide for the design of a control system which meets the specifications (tracking and disturbance rejection) while at the same time employing the lowest possible gain. This in turn is conducive to sensor noise disturbance rejection, avoidance of actuator saturation, and excitation of high frequency modes. 100 pp. Englisch.

DOWNLOAD



READ ONLINE

[3.63 MB]

Reviews

Most of these pdf is the best pdf offered. It can be rally fascinating throug studying period of time. You may like just how the writer write this pdf.

-- **Carlie Bahringer IV**

It in one of the best book. Better then never, though i am quite late in start reading this one. You wont feel monotony at at any moment of the time (that's what catalogues are for regarding in the event you check with me).

-- **Dr. Kristin Dickens**

Related PDFs



Reflecting the Eternal: Dante's Divine Comedy in the Novels of C S Lewis

Hendrickson Publishers Inc. Paperback. Book Condition: new. BRAND NEW, Reflecting the Eternal: Dante's Divine Comedy in the Novels of C S Lewis, Marsha Daigle-Williamson, The characters, plots, and potent language of C. S. Lewis's novels reveal everywhere the modern writer's admiration for...



Will My Kid Grow Out of It?: A Child Psychologist's Guide to Understanding Worrisome Behavior

Chicago Review Press. Paperback. Book Condition: new. BRAND NEW, Will My Kid Grow Out of It?: A Child Psychologist's Guide to Understanding Worrisome Behavior, Bonny J. Forrest, At some point most parents wonder whether their child's behavior is "normal." He won't focus...



Six Steps to Inclusive Preschool Curriculum: A UDL-Based Framework for Children's School Success

Brookes Publishing Co. Paperback. Book Condition: new. BRAND NEW, Six Steps to Inclusive Preschool Curriculum: A UDL-Based Framework for Children's School Success, Eva M. Horn, Susan B. Palmer, Gretchen D. Butera, Joan A. Lieber, How can inclusive early educators plan and deliver...



Unplug Your Kids: A Parent's Guide to Raising Happy, Active and Well-Adjusted Children in the Digital Age

Adams Media Corporation. Paperback. Book Condition: new. BRAND NEW, Unplug Your Kids: A Parent's Guide to Raising Happy, Active and Well-Adjusted Children in the Digital Age, David Dutwin, TV. Web Surfing. IMing. Text Messaging. Video Games. iPods. Kids today are plugged into...



A Dog of Flanders: Unabridged; In Easy-to-Read Type (Dover Children's Thrift Classics)

Dover Publications, 2011. Paperback. Book Condition: New. No Jacket. New paperback book copy of A Dog of Flanders by Ouida (Marie Louise de la Ramee). Unabridged in easy to read type. Dover Children's Thrift Classic. Reprint of original edition. Green edition. Mineola...



It's Just a Date: How to Get 'em, How to Read 'em, and How to Rock 'em

HarperCollins Publishers. Paperback. Book Condition: new. BRAND NEW, It's Just a Date: How to Get 'em, How to Read 'em, and How to Rock 'em, Greg Behrendt, Amiira Ruotola-Behrendt, A fabulous new guide to dating co-authored by Greg Behrendt, former writer on...