

Optimal and Adaptive Anti-Windup Design in the Presence of Uncertainty



Filesize: 9.24 MB

Reviews

Extensive manual! Its this kind of very good read through. I actually have read and that i am confident that i am going to planning to study once again once more in the future. I am easily could possibly get a delight of looking at a composed publication.
(Ryder Purdy)

OPTIMAL AND ADAPTIVE ANTI-WINDUP DESIGN IN THE PRESENCE OF UNCERTAINTY



To save **Optimal and Adaptive Anti-Windup Design in the Presence of Uncertainty** eBook, remember to follow the button under and save the ebook or have access to additional information which are related to OPTIMAL AND ADAPTIVE ANTI-WINDUP DESIGN IN THE PRESENCE OF UNCERTAINTY ebook.

Trauner Verlag Okt 2011, 2011. Buch. Book Condition: Neu. 238x169x12 mm. Neuware - Robustness and actuator limitations are key issues in control theory and applications. However, the study of robust stability and performance properties for the class of nonlinear systems consisting of a linear system with input magnitude saturation is still far from complete. In fact, while robustness-in-the-small (i.e. for sufficiently small uncertainties) usually comes simply by continuity, robustness-in-the-large (that is, for a priori given, possibly large uncertainty sets) requires a careful design. In this context, this thesis considers the popular Anti-Windup (AW) approach to deal with actuator limits and large uncertainties and proposes two solutions. The first approach is based on the framework of Integral Quadratic Constraints and provides an H₂/H_∞-mixed performance synthesis method, which allows to trade-off robustness against performance. The second approach follows the existing idea about a weakened anti-windup compensator, where the AW compensator is allowed to modify the closed loop response even if no saturation has occurred, as long as this is necessary to guarantee robust stability. 168 pp. Englisch.



[Read Optimal and Adaptive Anti-Windup Design in the Presence of Uncertainty Online](#)



[Download PDF Optimal and Adaptive Anti-Windup Design in the Presence of Uncertainty](#)

You May Also Like



[PDF] **Becoming Barenaked: Leaving a Six Figure Career, Selling All of Our Crap, Pulling the Kids Out of School, and Buying an RV We Hit the Road in Search Our Own American Dream. Redefining What It Meant to Be a Family in America.**

Follow the link beneath to download "Becoming Barenaked: Leaving a Six Figure Career, Selling All of Our Crap, Pulling the Kids Out of School, and Buying an RV We Hit the Road in Search Our Own American Dream. Redefining What It Meant to Be a Family in America." PDF document.

[Download PDF »](#)



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

Follow the link beneath to download "Six Steps to Inclusive Preschool Curriculum: A UDL-Based Framework for Children's School Success" PDF document.

[Download PDF »](#)



[PDF] **The Joy of Twins and Other Multiple Births : Having, Raising, and Loving Babies Who Arrive in Groups**

Follow the link beneath to download "The Joy of Twins and Other Multiple Births : Having, Raising, and Loving Babies Who Arrive in Groups" PDF document.

[Download PDF »](#)



[PDF] **A Smarter Way to Learn JavaScript: The New Approach That Uses Technology to Cut Your Effort in Half**

Follow the link beneath to download "A Smarter Way to Learn JavaScript: The New Approach That Uses Technology to Cut Your Effort in Half" PDF document.

[Download PDF »](#)



[PDF] **California Version of Who Am I in the Lives of Children? an Introduction to Early Childhood Education, Enhanced Pearson Etext with Loose-Leaf Version -- Access Card Package**

Follow the link beneath to download "California Version of Who Am I in the Lives of Children? an Introduction to Early Childhood Education, Enhanced Pearson Etext with Loose-Leaf Version -- Access Card Package" PDF document.

[Download PDF »](#)



[PDF] **Who Am I in the Lives of Children? an Introduction to Early Childhood Education, Enhanced Pearson Etext with Loose-Leaf Version -- Access Card Package**

Follow the link beneath to download "Who Am I in the Lives of Children? an Introduction to Early Childhood Education, Enhanced Pearson Etext with Loose-Leaf Version -- Access Card Package" PDF document.

[Download PDF »](#)