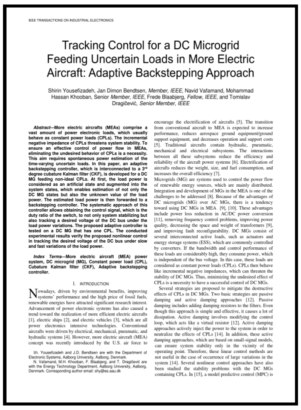
Adaptive backstepping control of uncertain systems - nonsmooth nonlinearities, interactions, or time-variations

Springer - Robust Optimal Adaptive Trajectory Tracking Control of Quadrotor Helicopter


IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS

Tracking Control for a DC Microgrid Feeding Uncertain Loads in More Electric Aircraft: Adaptive Backstepping Approach

Shirin Yousefizadeh, Jan Dimon Bendtsen, Member, IEEE, Navid Vafamand, Mohammad Hassan Khooban, Senior Member, IEEE, Frede Blaabjerg, Fellow, IEEE, and Tomislav Dragičević, Senior Member, IEEE

Description: -
-
Interest inventories
Shakespeare, William, -- 1564-1616 -- Criticism and interpretation
Nonlinear control theory
Feedback control systems
Adaptive control systemsAdaptive backstepping control of uncertain systems - nonsmooth nonlinearities, interactions, or time-variations
-
Verhandelingen van het Koninklijk Instituut voor Taal-, Land- en Volkenkunde -- 230
Lecture notes in control and information sciences -- 372Adaptive backstepping control of uncertain systems - nonsmooth nonlinearities, interactions, or time-variations
Notes: Includes bibliographical references (p. [233]-241).
This edition was published in 2008

Tags: #Uncertainty #and #Disturbance #Estimator

Robotics and Automation / Ingeniørvitenskap / Teknologi og realfag / Research / Frontpage

A new robust control for mini rotorcraft unmanned aerial vehicles.

Adaptive Backstepping Control of Uncertain Systems

Decentralized Adaptive Stabilization in the Presence of Unknown Backlash-Like Hysteresis.

Adaptive control of robotic systems with unknown actuator nonlinearities and control directions

Nonsmooth nonlinearities such as dead-zone, backlash, hysteresis and satu- tion are common in industrial control systems, such as mechanical, hydraulic, biomedical, piezoelectric, and physical systems. Distributed Adaptive Coordinated Control for Output Consensus Tracking. Sliding mode control for a class of uncertain nonlinear system based on disturbance observer.

Distributed adaptive tracking backstepping control in networked nonidentical Lagrange systems, Nonlinear Dynamics

How to format your references using the Environmental Chemistry Letters citation style This is a short guide how to format citations and the bibliography in a manuscript for.

Adaptive Critic Control with Robust Stabilization for Uncertain Nonlinear Systems

It is worth mentioning that in an actuated dynamic system, uncertainties and disturbances are not the only sources of performance degradation and instability. It can be used as an additional textbook on adaptive control for advanced students. By integrating the disturbance observer with optimal adaptive control method, the disturbance produced by exogenous system can be estimated and compensated in finite time.

Related Books

- Lāla Killyātīla abhiyogācī kahāṇī, 1948-49.
- Practical guide to atmospheric dispersion modeling
- Tynn is - og andre noveller
- Flowering thorn
- Considerations upon the state of public affairs at the beginning of the year MDCCXVIII - part the se