

# **Adaptive Control Of Systems With Actuator Failures By Gang Tao;Shuhao Chen;Xidong Tang**

**By Gang Tao;Shuhao Chen;Xidong Tang**

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## **Adaptive control of systems with unknown -**

How to Cite. Tao, G. and Kokotovi , P. V. (1997), Adaptive control of systems with unknown non-smooth non-linearities. Int. J. Adapt. Control Signal Process., 11: 81  
[http://onlinelibrary.wiley.com/doi/10.1002/\(SICI\)1099-1115\(199702\)11:1%3C81::AID-ACS396%3E3.0.CO;2-A/abstract](http://onlinelibrary.wiley.com/doi/10.1002/(SICI)1099-1115(199702)11:1%3C81::AID-ACS396%3E3.0.CO;2-A/abstract)

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Entry Vehicle Control Surface using Multiple Model 2] Gang Tao, Shuhao Chen and Adaptive Control of Systems with Actuator Failures using

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Electronic feedback control systems have been employed for many decades with great this advanced adaptive control technology is now available in a standard

<http://guidedsys.com/adaptive-control/>

### **Al-Bender, F., see Lampaert, V., T-AC Apr 02 -**

Al-Bender, F., see Lampaert, V., T-AC Apr 02 683-687 Altafini, C. Following a path of varying curvature as an output regulation problem; T-AC Sep 02 1551-1556 Altman

[http://www.academia.edu/2931000/Al-Bender\\_F.\\_see\\_Lampaert\\_V.\\_T-AC\\_Apr\\_02\\_683-687\\_Altafini\\_C.\\_Following\\_a\\_path\\_of\\_varying\\_curvature\\_as\\_an\\_output\\_regulation\\_problem\\_T-AC\\_Sep\\_02\\_1551-1556\\_Altman\\_E.\\_T.\\_Basar\\_T.\\_Jimenez\\_and\\_N.\\_Shimkin.\\_Competitive\\_routing\\_in\\_n](http://www.academia.edu/2931000/Al-Bender_F._see_Lampaert_V._T-AC_Apr_02_683-687_Altafini_C._Following_a_path_of_varying_curvature_as_an_output_regulation_problem_T-AC_Sep_02_1551-1556_Altman_E._T._Basar_T._Jimenez_and_N._Shimkin._Competitive_routing_in_n)

### **IEEE Xplore Abstract - Adaptive control of systems -**

In this talk, we present some results on using adaptive control techniques to compensate unknown actuator failures in dynamic control systems.

[http://ieeexplore.ieee.org/xpls/abs\\_all.jsp?arnumber=4597269](http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=4597269)

### **Adaptive control of systems with actuator and -**

Additional Physical Format: Online version: Tao, Gang. Adaptive control of systems with actuator and sensor nonlinearities. New York : Wiley, 1996

<http://www.worldcat.org/title/adaptive-control-of-systems-with-actuator-and-sensor-nonlinearities/oclc/34077060>

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### **Adaptive control of systems with actuator -**

schema:datePublished " 2004 " schema:description " "Adaptive Control of Systems with Actuator Failures will be of significance to control engineers generally and  
<http://www.worldcat.org/title/adaptive-control-of-systems-with-actuator-failures/oclc/53896698>

### **Shuhao Chen -**

View Shuhao Chen's professional Gang Tao, Xidong Tang, Shuhao Chen, Robust Adaptive Control Scheme for Discrete-Time System With Actuator Failures (Citations  
<http://academic.research.microsoft.com/Author/53788984/shuhao-chen>

### **FP9-1: Fault Tolerant Control Systems - Concordia -**

Gang Tao, Shuhao Chen, Xidong Tang, Adaptive Control of Systems with Actuator Failures, Springer, Introduction to Fault Tolerant Control Systems  
<http://users.encs.concordia.ca/~ymzhang/courses/FTC/>

### **IEEE Xplore Abstract - Adaptive failure -**

Xidong Tang; Shuhao Chen; Control Systems  
<http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=1564106>

### **Neural Network Adaptive Control of MIMO Systems -**

In order to tackle the limitations of classical adaptive control systems, adaptive control of nonlinear systems with unknown functions has attracted increased interest.  
<http://www.hindawi.com/journals/tswj/2014/942094/>

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<http://acs-ne.com/>

### **Adaptive Signal Control | Federal Highway Administration -**

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<http://www.fhwa.dot.gov/everydaycounts/technology/adsc/>

### **Adaptive Control of Systems with Actuator and -**

Product Name: Adaptive Control of Systems with Actuator and Sensor Nonlinearities. Adaptive and Cognitive Dynamic Systems: Signal Processing, Learning, Communications and

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### **Nonlinear and Adaptive Control Design -**

Weisheng Chen, Adaptive output feedback control of nonlinear systems with actuator failures, Xidong Tang , Gang Tao ,

<http://dl.acm.org/citation.cfm?id=546475>

### **Multiple-Model Adaptive Flight Control Scheme for -**

Accommodation of Control Actuator Failures in Morphing Aircraft. An Adaptive Fault Management (AFM) System for Resilient Flight Xidong Tang, Gang Tao,

<http://arc.aiaa.org/doi/abs/10.2514/2.4938?journalCode=jgcd>

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### **dblp: IEEE Transactions on Control Systems -**

Bibliographic content of IEEE Transactions on Control Systems Technology, Gang Tao, Xidong Tang, Shuhao Chen, Adaptive control of holonomic constrained

<http://dblp.uni-trier.de/db/journals/tcst/tcst14>

### **An adaptive control scheme for systems with -**

An adaptive control scheme for systems with unknown actuator failures Gang Tao a An adaptive control scheme for systems with Shuhao Chen received his B.S

<http://www.sciencedirect.com/science/article/pii/S0005109802000183>

### **Gang Tao, Shuhao Chen, Xidong Tang, Suresh M -**

Adaptive Control of Systems with Actuator Failures. 2004; Springer; 1852337885. It is because the actuator is the final step in the control chain that failure can be

<http://www.researchbooks.org/1852337885/ADAPTIVE-CONTROL-SYSTEMS-ACTUATOR-FAILURES/>

### **Adaptive control of MIMO time-varying systems -**

This paper studies a new solution framework for adaptive control of a class of MIMO time-varying systems with Gang Tao b , a, 1, Author Vitae an adaptive

<http://www.sciencedirect.com/science/article/pii/S0005109814000971>

### **Adaptive control of systems with actuator -**

You have free access to this content Adaptive control of systems with actuator failures, Gang Tao, Shuhao Chen, Xidong Tang and Suresh M. Joshi, Springer: London, U.K  
<http://onlinelibrary.wiley.com/doi/10.1002/rnc.998/references>

### **: Basic and Clinical Toxicology -**

: Basic and Clinical Toxicology of Organophosphorus Compounds  
<http://bookyar.com/?paperno=113807>

### **Murali Gopinathan -**

Xidong Tang, Gang Tao, Adaptive Actuator Failure Compensation Designs for Linear Systems. Shuhao Chen, Gang Tao, Suresh M. Joshi.  
<http://academic.research.microsoft.com/Author/10231308/murali-gopinathan>

### **Amazon.com: Adaptive Control of Systems with -**

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### **Buyer's Guide - Actuators - Electronics Components -**

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[http://www.electronicdesignnet.com/cms/component/option.com\\_ebg/Itemid,92/task,cos/eid,21318.16387.19360/](http://www.electronicdesignnet.com/cms/component/option.com_ebg/Itemid,92/task,cos/eid,21318.16387.19360/)

### **Adaptive control - Wikipedia, the free -**

Adaptive control is the control method used by a controller which must adapt to a controlled system with parameters which vary, or are initially uncertain. For  
[http://en.wikipedia.org/wiki/Adaptive\\_control](http://en.wikipedia.org/wiki/Adaptive_control)

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<http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=7520&isnumber=20470>

### **Adaptive Control Systems - ScienceDirect -**

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### **Adaptive Control of Systems with Actuator -**

From the reviews: The monograph describes adaptive actuator failure compensation control schemes for systems with uncertain actuator failures The monograph is a <http://www.springer.com/us/book/9781852337889>

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Abstract. In this paper, an adaptive sliding control method is presented for an electro-hydraulic system with nonlinear unknown parameters, which enter the system <http://www.sciencedirect.com/science/article/pii/S0967066108000312>

### **Model Reference Adaptive Control of Distributed -**

Lee Giles, Pradeep Teregowda): A model reference adaptive control law is defined for nonlinear distributed parameter systems.

<http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.54.7337>

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### **Nonlinear and Adaptive Control with Applications - -**

Nonlinear and Adaptive Control with Applications provides a detailed treatment of the design of robust adaptive controllers for nonlinear systems with uncertainties.

<http://www.springer.com/us/book/9781848000650>