

## Editor's Choice Articles

Editor-in-Chief:

Peter Fleming, *University of Sheffield, UK*

### Robust $H_2$ control of Markovian jump systems with uncertain switching probabilities

*Junlin Xiong & James Lam*

### Guaranteed cost control of switched systems with neutral delay via dynamic output feedback

*Ligang Wu & Zidong Wang*

### Central suboptimal $H_\infty$ filter design for linear time-varying systems with state and measurement delays

*Michael Basin, Peng Shi & Dario Calderon-Alvarez*

### Polynomial relaxation-based conditions for global asymptotic stability of equilibrium points of genetic regulatory networks

*Graziano Chesi*

### Integration of sensitivity and bifurcation analysis to detect critical processes in a model combining signalling and cell population dynamics

*S. Nikolov, X. Lai, U.W. Liebal, O. Wolkenhauer & J. Vera*

### AIMS & SCOPE

The primary aim of the *International Journal of Systems Science* is to become world leader in the exciting and demanding field of intelligent systems engineering and its applications.

Modern systems are becoming more and more complex and sophisticated in their demand for performance, reliability and increasing autonomy. Historically, highly analytic and numeric based methods have sufficed, frequently simplifying the problem to allow analytical tractability. Many manufactured and natural systems (biological, ecological and socio-economic) cannot be adequately represented quantitatively alone; qualifications and heuristics, linguistics etc., knowledge is frequently required within a common information-processing framework. A wide range of new theories, methodologies and techniques are required to 'enable' such systems, and thus engineering and integration to deal with these demands.

\*free online access available until 31<sup>st</sup> October 2012

[www.tandfonline.com/tsys](http://www.tandfonline.com/tsys)



- Online sample copies
- Forthcoming articles
- Free articles
- Back issues
- Content alerts
- Submission details
- Pricing and ordering
- Library recommendation form
- Online Archive and Subject Collection



# Like what you see? Recommend *International Journal of Systems Science* to your librarian today!

## To the Librarian

Please include this journal in your next serials review meeting with my recommendation to subscribe:

From \_\_\_\_\_  
Dept \_\_\_\_\_  
Date \_\_\_\_\_

Please note this Taylor & Francis journal offers either print & online or online only subscriptions for institutions.

To find out more about our journals visit  
[www.tandfonline.com](http://www.tandfonline.com)

For further information or to subscribe, please contact:

T&F Order Processing,  
T&F Informa UK Ltd,  
Sheepen Place,  
Colchester, Essex  
CO3 3LP  
Telephone: +44(0)20 7017 5544  
Fax: +44(0)20 7017 5198  
Email: [subscriptions@tandf.co.uk](mailto:subscriptions@tandf.co.uk)

## Taylor & Francis Online Services

### Alerting Services

To receive the table of contents for any of our journals, go to:

[www.tandfonline.com/alerting](http://www.tandfonline.com/alerting)

### Online Access

Online access is included with a print institutional subscription to the journal, or alternatively is available as an online only option. For further information connect to:

[www.tandfonline.com](http://www.tandfonline.com)

### Online Sample Copies

You can download an online sample copy of any of our journals at:

[www.tandfonline.com](http://www.tandfonline.com)



Register your email address at [www.tandfonline.com/eUpdates](http://www.tandfonline.com/eUpdates) to receive information on books, journals and other news within your areas of interest.



An international active reference linking service. For more information visit:

[www.crossref.org](http://www.crossref.org)

