



Proceedings



Second International Symposium on Communications, Control and Signal Processing

13-15 March 2006
Marrakech, Morocco

ISCCSP 2006

Session : **Control system modeling and identification**

Date: Tuesday, 14 March 2006

Time: 16:10 – 17:30

Chair: *Hmamed A. , University Sidi Med BEN ABDELLAH, Fes*



TWO NEW MODELS FOR DESCRIPTOR SYSTEMS: TIME AND FREQUENCY BEHAVIOR ([Abstract](#))

Amel Baha Houda (University of Djelfa, Algeria)
Adamou-Mitiche
Lahcene Mitiche (University of Djelfa, Algeria)



STABILITY OF POSITIVE 2-D SYSTEM DESCRIBED BY THE FORNASINI-MARCHESINI SECOND MODEL ([Abstract](#))

Abdelaziz Hmamed (Faculté des Sciences Dhar El Mehraz-Fes, Morocco)
Mohammed Alfidi (Faculté des Sciences Dhar El Mehraz-Fes, Morocco)



A PROJECTION APPROACH TO THE DELAY-DEPENDANT STABILITY FOR NEUTRAL DELAY-DIFFERENTIAL SYSTEMS ([Abstract](#))

Abdelaziz Hmamed (Faculté des Sciences Dhar El Mehraz Fes, Morocco)

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FDI FILTER DESIGN FOR LPV SYSTEMS (Abstract)

Sylvain Grenaille (LAPS – Université Bordeaux 1, France)
David Henry (LAPS – Université Bordeaux 1, France)
Ali Zolghadri (LAPS – Université Bordeaux 1, France)



A DESCRIPTOR SYSTEM APPROACH TO ROBUST STABILITY ANALYSIS BY MEANS OF PARAMETER-DEPENDENT LYAPUNOV FUNCTIONS (Abstract)

Abdelaziz Hmamed (LESSI, Faculté des Sciences Dhar El Mehraz Fès, Morocco)
El Hafid Chelliq (LESSI, Faculté des Sciences Dhar El Mehraz Fès, Morocco)

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JOINT ZERO-DIAGONALIZATION FOR BLIND SEPARATION OF INSTANTANEOUS AND CONVOLUTIVE MIXTURES OF WHITE CORRELATED SOURCES ([Abstract](#))

El Mostafa Fadaili (ISITV/USTV, France)

Nadège Thirion-Moreau (ISITV/USTV, France)

Eric Moreau (ISITV/USTV, France)



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IDENTIFICATION OF UNCERTAIN SVD-PARAFAC BASED VOLTERRA MODELS USING AN ALTERNATING BOUNDED ERROR ALGORITHM ([Abstract](#))

Anis Khouaja (ISSAT – Sousse, Tunisia)
G rard Favier (Laboratoire I3S – Sophia Antipolis, France)
Hassani Messaoud (ENIM – Monastir, Tunisia)



AN OBSERVERS BASED FAULT ISOLATION APPROACH FOR NONLINEAR DYNAMIC SYSTEMS ([Abstract](#))

Li Zetao (Electrical Engineering College, Guizhou University, Caijaguan, Guiyang, Guizhou, China, China)
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MODELING OF A RAT MUSCLE USING FRACTIONAL MULTIMODELS (Abstract)

Laurent Sommacal (LAPS UMR 5131 CNRS, France)

Pierre Melchior (LAPS UMR 5131 CNRS, France)

Mohamed Aoun (LAPS UMR 5131 CNRS, France)

Jean-Marie Cabelguen (INSERM E 0358, France)

Julien Petit (Laboratoire de Neurophysiologie UMR 5543, France)

Alain Oustaloup (LAPS, France)

Auke Jan Ijspeert (EPFL – Swiss Federal Institute of Technology, Switzerland)

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