Topic: II.2. Control System Modelling and Identification

**TWO NEW MODELS FOR DESCRIPTOR SYSTEMS: TIME AND FREQUENCY BEHAVIOR** *(Abstract)*
Amel Baha Houda Adamou-Mitiche, Lahcene Mitiche

**ROBUST OBSERVER BASED H-INFINITE CONTROLLER DESIGN FOR UNCERTAIN LINEAR SYSTEMS WITH NON COMMENSURATE TIME VARYING STATE AND CONTROL DELAYS** *(Abstract)*
El Houssaine Tissir

**ON ENLARGING THE SET OF ATTRACTION FOR DISCRETE–TIME LINEAR SYSTEMS WITH CONstrained STATE AND CONTROL** *(Abstract)*
Musthapa Ait Rami, Hassan Ayad, Fouad Mesquine

**STABILITY OF POSITIVE 2–D SYSTEM DESCRIBED BY THE FORNASINI–MARCHESINI SECOND MODEL** *(Abstract)*
Abdelaziz Hmamed, Mohammed Alfidi
A PROJECTION APPROACH TO THE DELAY–DEPENDANT STABILITY FOR NEUTRAL DELAY–DIFFERENTIAL SYSTEMS (Abstract)
Abdelaziz Hmamed

POLYNOMIAL CONTROL: PAST, PRESENT AND FUTURE (Abstract)
Vladimir Kucera

NONLINEAR OPTIMAL CONTROLLER OF THREE–PHASE INDUCTION MOTOR USING QUASILINEARIZATION (Abstract)
Jasem Tamimi, Hussein Jaddu

L2–SENSITIVITY MINIMIZATION FOR MIMO LINEAR DISCRETE–TIME SYSTEMS SUBJECT TO L2–SCALING CONSTRAINTS (Abstract)
Osemekhian Omoifo, Takao Hinamoto, Wu–Sheng Lu
II.2. Control System Modelling and Identification

FDI FILTER DESIGN FOR LPV SYSTEMS (Abstract)
Sylvain Grenaille, David Henry, Ali Zolghadri

SENSOR/DATA FUSION DESIGN PATTERN AND IMPLEMENTATION AS A TOOLBOX IN MATLAB/SIMULINK (SDFTOOL) (Abstract)
Majid Kazemian, Behzad Moshiri, Amir Hossein Keyhanipoor, Mohammad Jamali, Caro Lucas

HARDWARE MASK FOR CLOUD DETECTION APPROACH (Abstract)
Ayhane Benbouzid, K. Laidi, A. Rachedi

A DESCRIPTOR SYSTEM APPROACH TO ROBUST STABILITY ANALYSIS BY MEANS OF PARAMETER–DEPENDENT LYAPUNOV FUNCTIONS (Abstract)
Abdelaziz Hmamed, El Hafid Chellqi
MATLAB MODEL OF 16−BIT SWITCHED−CAPACITOR SIGMA−DELTA MODULATOR WITH TWO−STEP QUANTIZATION PROCESS (Abstract)
Lukas Fujcik, Radimir Vrba

JOINT ZERO−DIAGONALIZATION FOR BLIND SEPARATION OF INSTANTANEOUS AND CONVOLUTIVE MIXTURES OF WHITE CORRELATED SOURCES (Abstract)
El Mostafa Fadaili, Nadège Thirion−Moreau, Eric Moreau

A NON CONSERVATIVE PERFORMANCES MEASURE FOR FDI SCHEMES (Abstract)
David Henry

AN EVENT−BASED APPROACH TO MODEL DIRECT TORQUE CONTROL (DTC) APPROACH. (Abstract)
Hamid Yantour, Janah Saadi, Hicham Medromi, Ahmed Khoumsi
Topic: II.2. Control System Modelling and Identification

MANAGEMENT OF UNCERTAINTY WITHIN ESTIMATION IN DYNAMICAL CONTEXT APPLICATION TO MEMS (Abstract)
Hana Baili

FURTHER STABILITY AND CONVERGENCE ANALYSIS OF A SET MEMBERSHIP IDENTIFICATION (Abstract)
Mathieu Pouliquen, Mohammed M'Saad

IDENTIFICATION OF UNCERTAIN SVD–PARAFAC BASED VOLterra MODELS USING AN ALTERNATING BOUNDED ERROR ALGORITHM (Abstract)
Anis Khouaja, Gérard Favier, Hassani Messaoud

THERMAL ADVANCED HYBRID DYNAMIC NET (Abstract)
Janah Saadi, Siham Krabatou, Abdelouahed Zakari
Topic: II.2. Control System Modelling and Identification

AN OBSERVERS BASED FAULT ISOLATION APPROACH FOR NONLINEAR DYNAMIC SYSTEMS (Abstract)
Li Zetao, Boutayeb Dahhou

A NEW IDENTIFICATION ALGORITHM OF VOLTAGE PERTURBATIONS FOR A THREE PHASE SERIES ACTIVE POWER FILTER (Abstract)
L'Houssine Abaali, Moulay Tahar Lamchich, Mustapha Raoufi

MODELING OF A RAT MUSCLE USING FRACTIONAL MULTIMODELS (Abstract)
Laurent Sommacal, Pierre Melchior, Mohamed Aoun, Jean-Marie Cabelguen, Julien Petit, Alain Oustaloup, Auke Jan Ijspeert

A MODELING AND EXPERIMENTAL FRAMEWORK FOR CONTROLS FOR FUEL CELLS (INVITED) (Abstract)
N. Lu, X. Sun, M. A. Khaleel
A BAYESIAN MULTISENSOR COMBINATION APPROACH TO RAINFALL ESTIMATE (INVITED)

(Abstract)
Ezio Todini, Cinzia Mazzetti

THE INTERACTION BETWEEN INFORMATION & CONTROL (Abstract)
Sanjoy Mitter