Maaref, Hichem

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Manjunath, B. S.

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Meuwissen, Patrick

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Mohd Salleh, Mohd Fadzli

Moinuddin, Muhammad

Molino, Andrea

Minami, Yoriyuki

Miralles, Ramon

Mittelman, Roni

Moeneclaey, Marc

Mohammed, Abbas

Mohd. Ali, Borhanuddin

Mokhneche, Ryadh H.

Molisch, Andreas F.

Mondal, Bishwarup

Montalbano, Giuseppe

Montazeri, Allahyar

Moonen, Marc

Moreau, Nicolas

Morelli, Carlo

Morin, Luce

Morling, Richard

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Murillo−Fuentes, Juan J.

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Moustakides, George

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Murakoshi, Noriaki

Murphy, Damian

Müller, Karsten

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* *Paper(s) :*

FAULT DETECTION TECHNIQUES ANALYSIS AND DEVELOPPMENT OF ITS PROCEDURAL PHASES (Abstract)

PERFORMING DIMENSIONALITY REDUCTION OF NONSTATIONARY STOCHASTIC PROCESSES USING PERTURBATION ANALYSIS (Abstract)

Benoit Macq

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* *Paper(s) :*

MULTIMODAL SEGMENTATION COMBINING ACTIVE CONTOURS AND WATERSHEDS (Abstract)

Mohammad Madihian

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* *Paper(s) :*

 OPTIMAL DESIGN OF NONCOHERENT CAYLEY UNITARY SPACE−TIME CODES (Abstract)

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Thomas Magesacher

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* *Paper(s) :*

ADAPTIVE INTERFERENCE CANCELLATION USING COMMON–MODE INFORMATION IN DSL (Abstract)

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Mag Magesan

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* Paper(s) :

SPATIAL PREDICTION FILTERS FOR ATTENUATION OF SEISMIC INTERFERENCE NOISE (Abstract)

Abdulhussain Mahdi

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* *Paper(s) :*

ENHANCED OUTPUT–BASED PERCEPTUAL MEASURE FOR PREDICTING SUBJECTIVE QUALITY OF SPEECH (Abstract)

Hazem Mahlab

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CUNY Brooklyn College, United States

* Paper(s) :

A FULL−REFERENCE COLOR IMAGE QUALITY MEASURE IN THE DWT DOMAIN (Abstract)

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* *Paper(s) :*

RELIABLE IMAGE/VIDEO WATERMARK RETRIEVAL IN THE PRESENCE OF LOSSY COMPRESSION
(Abstract)

Sarvesh Makthal

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* *Paper(s) :*

SYNTHESIS OF IRIS IMAGES USING MARKOV RANDOM FIELDS (Abstract)

Martin Makundi

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* Paper(s) :

CLOSED−FORM DESIGN OF DIGITAL FRACTIONAL−DELAY FILTERS WITH CONSTANT MAGNITUDE AND VARIABLE DELAY (Abstract)

Alexander Malapheyev

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Image Processing Systems Institute of Russian Academy of Sciences,
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* *Paper(s) :*

DIAGNOSTIC ANALYSIS USING TEXTURAL FEATURES OF THE LACHRYMAL FLUID CRYSTAL IMAGES
(Abstract)

Sotiris Malassiotis

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Informatics and Telematics Institute, Greece

* _Paper(s) :_

COMBINING 2D AND 3D FACE IMAGES FOR RELIABLE IDENTITY VERIFICATION (Abstract)

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* *Paper(s) :*

IMPROVED FREQUENCY DOMAIN SUPER–RESOLUTION ALGORITHM WITH CONJUGATE GRADIENT – NUFFT METHOD AS ITS RECONSTRUCTION CORE (Abstract)

Stéphane Mancini

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* *Paper(s) :*

CUED SPEECH HAND GESTURES RECOGNITION TOOL (Abstract)

B. S. Manjunath

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* *Paper(s) :*

MULTISCALE EDGE DETECTION AND IMAGE SEGMENTATION (Abstract)

CATEGORY PRUNING IN IMAGE DATABASES USING SEGMENTATION AND DISTANCE MAPS
(Abstract)

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* *Organization :*
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HOS−BASED MULTI−COMPONENT FREQUENCY ESTIMATION (Abstract)

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Marco Marcon

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* *Paper(s) :*

IMAGE COMPRESSION IN A MULTI–CAMERA SYSTEM BASED ON A DISTRIBUTED SOURCE CODING APPROACH (Abstract)

ACCURATE DEPTH–MAP ESTIMATION FOR 3D FACE MODELING (Abstract)

Sylvie Marcos

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ROBUST SUBSPACE TECHNIQUE FOR JOINT ANGLE/DOPPLER ESTIMATION IN NON–GAUSSIAN CLUTTER (Abstract)

PLM SEQUENCES FOR THE PERFORMANCE OPTIMIZATION OF LINEAR MULTIUSER DETECTORS (Abstract)

Ninoslav Marina

* *Organization :*

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* *Paper(s) :*

IMPACT OF SAMPLE SIZES ON INFORMATION THEORETIC MEASURES FOR AUDIO–VISUAL SIGNAL PROCESSING (Abstract)

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F. Marir

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* *Paper(s) :*

A COMPARATIVE STUDY OF SOME TIME−FREQUENCY DISTRIBUTIONS USING RENYI CRITERION (Abstract)

Marina Marjanovic

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  Polytechnic University of Madrid, Spain

* *Paper(s) :*

ANALYSIS OF TIMING OFFSET ESTIMATION SCHEMES FOR UWB SIGNALS (Abstract)

Ferran Marqués

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* *Paper(s) :*

SUPPORT VECTOR DATA DESCRIPTION BASED ON PCA FEATURES FOR FACE DETECTION
(Abstract)

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Claude Marro

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*** Paper(s) :**

A CENTRALIZED ACOUSTIC ECHO CANCELLER BASED ON PERCEPTUAL PROPERTIES (Abstract)

Patrick Marsch

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TU Dresden, Vodafone Chair, Germany

* *Paper(s) :*

SMART CANDIDATE ADDING: A NEW LOW–COMPLEXITY APPROACH TOWARDS NEAR–CAPACITY MIMO DETECTION (Abstract)

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C– BASED RAPID PROTOTYPING FOR DIGITAL SIGNAL PROCESSING (Abstract)

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UNPREDICTABLE DATA ACCESSES (Abstract)

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University of Warwick, United Kingdom

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LOSSLESS CONTOUR REPRESENTATION USING EFFICIENT MULTIPLE GRID CHAIN CODING (Abstract)

A FREQUENCY DOMAIN APPROACH TO INTRA MODE SELECTION IN H.264/AVC (Abstract)

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* *Paper(s) :*

MULTICOMPONENT SIGNAL: LOCAL ANALYSIS AND ESTIMATION (Abstract)

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* *Paper(s) :*

SINGLE AND MULTIPLE SPREAD SPECTRUM WATERMARKING BASED ON PERIODIC CLOCK CHANGES (Abstract)

Juan Carlos Cuevas Martinez

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University of Jaen, Spain

* Paper(s) :

USING A SINES + WAVELETS MIXED DICTIONARY FOR IMPROVING MATCHING PURSUIT−BASED PARAMETRIC AUDIO CODING (Abstract)

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IMAGE DENOISING USING OVER–COMPLETE WAVELET REPRESENTATIONS (Abstract)

Farrokh A. Marvasti

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Sharif University of Technology, Iran

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A NEW METHOD FOR SEPARATION OF SPEECH SIGNALS IN CONVOLUTIVE MIXTURES (Abstract)

Enrico Masala

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* *Paper(s) :*

VARIABLE TIME−SCALE STREAMING FOR MULTIMEDIA TRANSMISSION OVER IP NETWORKS
(Abstract)

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ON THE FUNDAMENTAL LIMITATIONS OF SPECTRAL SUBTRACTION: AN ASSESSMENT BY AUTOMATIC SPEECH RECOGNITION (Abstract)

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ARCHITECTURAL OPTIMIZATIONS FOR SOFTWARE–BASED MPEG4 VIDEO ENCODER (Abstract)

A LOW COMPLEXITY MOTION ESTIMATION ALGORITHM FOR VIDEO CODING APPLICATIONS
(Abstract)

Ichiro Matsuda

* *Organization :*

Science University of Tokyo, Japan

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LOSSLESS CODING USING VARIABLE BLOCK–SIZE ADAPTIVE PREDICTION OPTIMIZED FOR EACH IMAGE (Abstract)

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Kenji Matsuo

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* *Paper(s) :*

HIERARCHICAL SECRET IMAGE SHARING METHOD USING JPEG 2000 CODESTREAM SYNTAX (Abstract)

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A ROBUST SEAL IMPRINT VERIFICATION METHOD WITH ROTATION INVARIANCE (Abstract)

Suresh Matta

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AUDITORY EYES: REPRESENTING VISUAL INFORMATION IN SOUND AND TACTILE CUES (Abstract)

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SUPPORT VECTOR MACHINE (SVM) CLASSIFICATION THROUGH GEOMETRY (Abstract)

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COMPLEX–VALUED FIR SEISMIC MIGRATION FILTER DESIGN USING PURE AND RELAXED PROJECTION ALGORITHMS (Abstract)

SYNCHRONISATION AND DC–OFFSET ESTIMATION FOR CHANNEL ESTIMATION USING DATA–DEPENDENT SUPERIMPOSED TRAINING (Abstract)

WEIGHTED AVERAGE INSTANTANEOUS FREQUENCY BASED ON (Abstract)

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DESIGN AND PERFORMANCE ANALYSIS OF AN IMPULSE RADIO ULTRAWIDEBAND MULTIUSER TRANSMISSION SCHEME FOR WIRELESS PERSONAL AREA NETWORKS APPLICATIONS (Abstract)

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Vahid Meghdadi

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* *Paper(s) :*

PERFORMANCES OF TURBO SAGE BASED EQUALIZER FOR MULTIUSER MULTICARRIER SPACE TIME BLOCK CODED SYSTEM (Abstract)

Christian Mehlführer

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A FLEXIBLE MIMO TESTBED WITH REMOTE ACCESS (Abstract)

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 MULTI–STANDARD DEVELOPMENT AND MEASURING PLATFORM FOR MIMO–SOFTWARE DEFINED RADIO (Abstract)

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AUTOMATIC TV LOGO REMOVAL USING STATISTICAL BASED LOGO DETECTION AND FREQUENCY SELECTIVE INPAINTING (Abstract)

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HISTOGRAM–BASED BLIND SOURCE SEPARATION OF MORE SOURCES THAN SENSORS USING A DUET–ESPRIT TECHNIQUE (Abstract)

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Institut National des Télécommunications, France

* *Paper(s) :*

📄 MULTIMODAL BIOMETRIC SCORE FUSION: THE MEAN RULE VS. SUPPORT VECTOR CLASSIFIERS (Abstract)

📄 MULTIMODALITY IN BIOSECURE : TOWARDS AN EVALUATION PROTOCOL ON VIRTUAL MULTI–MODAL DATABASES (Abstract)

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IMAGE MANIPULATION DETECTION WITH BINARY SIMILARITY MEASURES (Abstract)

GEOMETRY COMPRESSION OF TETRAHEDRAL MESHES USING OPTIMIZED PREDICTION (Abstract)

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  CISUC, Portugal

* *Paper(s) :*

 SEGMENTATION OF PITCH TRACKS FOR MELODY DETECTION IN POLYPHONIC AUDIO (Abstract)

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SYNCHRONIZATION OF ENERGY CAPTURE RECEIVERS FOR UWB APPLICATIONS (Abstract)

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 NON–UNITARY EXTENSIONS OF DIFFERENTIAL MATRIX MODULATION (Abstract)

Philipp Merkle

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3D VIDEO OBJECTS FOR INTERACTIVE APPLICATIONS (Abstract)

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A NEW METHOD FOR SUPPRESSING OPTICAL TURBULENCE IN VIDEO (Abstract)

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Mostefa Mesbah

* *Organization :*
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A QUANTITATIVE COMPARISON OF NON–PARAMETRIC TIME–FREQUENCY REPRESENTATIONS (Abstract)

IMPROVING THE ABILITY OF MATCHING PURSUIT ALGORITHM IN DETECTING SPIKES (Abstract)

COMPARATIVE PERFORMANCE OF TIME––FREQUENCY BASED EEG SPIKE DETECTION TECHNIQUES (Abstract)

Patrick Meuwissen

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SEGMENT–BASED MOTION ESTIMATION USING A BLOCK–BASED ENGINE (Abstract)

Anke Meyer–Baese

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SPATIOTEMPORAL BLIND SOURCE SEPARATION USING DOUBLE–SIDED APPROXIMATE JOINT DIAGONALIZATION (Abstract)

Julien Meynet

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COMBINING SVMS FOR FACE CLASS MODELING (Abstract)

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* *Paper(s) :*

LOSSLESS VIDEO COMPRESSION USING A SPATIO–TEMPORAL OPTIMAL PREDICTOR (Abstract)

JOINT OPTIMIZATION OF SOURCE–CHANNEL VIDEO CODING USING THE H.264 ENCODER AND FEC CODES (Abstract)

CONTEXT–BASED PREDICTIVE LOSSLESS CODING FOR HYPERSPECTRAL IMAGES (Abstract)

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Pierangelo Migliorati

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A NEW VIDEO AUTHENTICATION TEMPLATE BASED ON BUBBLE RANDOM SAMPLING (Abstract)

Joaquin Miguez

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DECISION FUSION FOR DISTRIBUTED TARGET TRACKING USING COST REFERENCE PARTICLE
FILTERING (Abstract)

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M. Kivanc Mihcak

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* *Paper(s) :*

COMPLEXITY REGULARIZED VIDEO WATERMARKING VIA QUANTIZATION OF PSEUDO–RANDOM SEMI–GLOBAL LINEAR STATISTICS (Abstract)

DATA–HIDING WITH PARTIALLY AVAILABLE SIDE INFORMATION (Abstract)

Simone Milani

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JOINT OPTIMIZATION OF SOURCE–CHANNEL VIDEO CODING USING THE H.264 ENCODER AND FEC CODES (Abstract)

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FAST MAXIMUM–LIKELIHOOD SEA CLUTTER PARAMETER LEARNING FROM THE OUTPUT OF THE ENVELOPE DETECTOR (Abstract)

Gilles Millon

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* *Paper(s) :*

QUALITY ESTIMATION IN WAVELET IMAGE CODING (Abstract)

Yoriyuki Minami

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* *Paper(s) :*

HIERARCHICAL SECRET IMAGE SHARING METHOD USING JPEG 2000 CODESTREAM SYNTAX
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 NON–PARAMETRIC INFORMATION GEOMETRY AND MULTI–SCALE MODELS OF TEXTURE (Abstract)

Ramon Miralles

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* Paper(s) :

DETECTION OF NONLINEARITIES CAUSED BY BUBBLES IN ULTRASONIC SIGNALS (Abstract)

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* *Paper(s) :*

📄 A NEW SHARPENED CASCADED COMB–COSINE DECIMATION FILTER (Abstract)

📄 COMPRESSION OF VIDEOS CAPTURED VIA BAYER PATTERNED COLOR FILTER ARRAYS (Abstract)

Roni Mittelman

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Technion, Israel

* *Paper(s) :*

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BARGE–IN FREE SPOKEN DIALOGUE INTERFACE USING NULLSPACE–BASED SOUND FIELD CONTROL AND BEAMFORMING (Abstract)

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CODE−AIDED JOINT CHANNEL AND FREQUENCY ESTIMATION FOR A ST−BICM MULTI−USER DS−CDMA SYSTEM (Abstract)

A SEQUENTIAL MONTE CARLO METHOD FOR BLIND PHASE NOISE ESTIMATION AND DATA DETECTION (Abstract)

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Ali Mohammad–Djafari

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A MEAN FIELD APPROXIMATION APPROACH TO BLIND SOURCE SEPARATION WITH LP PRIORS (Abstract)

Abbas Mohammed

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EFFECT OF NORMALIZATION OF EIGENVECTORS ON THE PAST AND RP ALGORITHMS FOR PCA
(Abstract)

Mohd Fadzli Mohd Salleh

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University of Strathclyde, United Kingdom

* Paper(s) :

A NEW MULTISTAGE LATTICE VQ (MLVQ) TECHNIQUE FOR IMAGE COMPRESSION (Abstract)

Borhanuddin Mohd. Ali

* *Organization :*

Universiti Putra Malaysia, Malaysia

* *Paper(s) :*

GEOMETRICALLY−BASED SPACE−TIME DETERMINISTIC MULTIPATH FADING CHANNEL MODEL WITH APPLICATION TO SPATIAL CORRELATION VERIFICATION OF MULTI−ANTENNA SYSTEMS (Abstract)

Muhammad Moinuddin

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   KFUPM, Saudi Arabia

* *Paper(s) :*

TRACKING ANALYSIS OF VARIABLE XE–NLMF ALGORITHM IN THE PRESENCE OF BOTH RANDOM AND CYCLIC NONSTATIONARITIES (Abstract)

Ryadh H. Mokhneche

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FAULT DETECTION TECHNIQUES ANALYSIS AND DEVELOPPMENT OF ITS PROCEDURAL PHASES (Abstract)

Andrea Molino

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* *Paper(s) :*

A NOVEL, OPTIMIZED CORDIC CORE FOR PHASE CORRELATION MOTION ESTIMATION (Abstract)

Andreas F. Molisch

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* *Paper(s) :*

A TWO–STEP TIME OF ARRIVAL ESTIMATION ALGORITHM FOR IMPULSE RADIO ULTRA WIDEBAND SYSTEMS (Abstract)

Bishwarup Mondal

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* Paper(s) :

INTERPOLATION–BASED MULTI–MODE PRECODING FOR MIMO–OFDM SYSTEMS (Abstract)

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Giuseppe Montalbano

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GENERALIZED PILOT ASSISTED CHANNEL ESTIMATION FOR WCDMA (Abstract)

Allahyar Montazeri

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A NEW STABLE ADAPTIVE IIR FILTER FOR ACTIVE NOISE CONTROL SYSTEMS (Abstract)

Marc Moonen

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* *Paper(s) :*

ACOUSTIC FEEDBACK CANCELLATION FOR LONG ACOUSTIC PATHS USING A NONSTATIONARY SOURCE MODEL (Abstract)

DOUBLE−TALK ROBUST ACOUSTIC ECHO CANCELLATION WITH CONTINUOUS NEAR−END ACTIVITY (Abstract)

MMSE ESTIMATION OF BASIS EXPANSION MODELS FOR RAPIDLY TIME−VARYING CHANNELS (Abstract)

Nicolas Moreau

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GET – ENST, TSI Department, France

* Paper(s) :

COMPARATIVE STUDY OF TWO INFORMED EMBEDDING STRATEGIES FOR AUDIO SPREAD–SPECTRUM DATA HIDING SYSTEMS (Abstract)

Carlo Morelli

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* Paper(s) :

HMM–BASED TRACKING OF MOVING TERMINALS IN DENSE MULTIPATH INDOOR ENVIRONMENTS (Abstract)

Luce Morin

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   IRISA−INRIA, France

*** Paper(s) :**

VIDEO CODING USING NON−MANIFOLD MESH (Abstract)

Richard Morling

* *Organization :*
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* *Paper(s) :*

EFFICIENT FPGA IMPLEMENTATION OF AN ADAPTIVE IQ–IMBALANCE CORRECTOR FOR COMMUNICATION RECEIVERS USING REDUCED RANGE MULTIPLIERS (Abstract)

Yannick Morvan

* *Organization :*

University of Technology Eindhoven, Netherlands

* *Paper(s) :*

CODING DEPTH IMAGES WITH PIECEWISE LINEAR FUNCTIONS FOR MULTI–VIEW SYNTHESIS (Abstract)

Edoardo Mosca

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Universita di Firenze, Italy

* *Paper(s) :*

SPECIAL LOW–ORDER IIR FILTER BANK DESIGN (Abstract)

OPTIMAL HANKEL–NORM APPROXIMATION OF IIR BY FIR SYSTEMS (Abstract)

Cicero Mota

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Lübeck University, Germany

* *Paper(s) :*

ESTIMATION OF TRANSPARENT MOTIONS WITH PHYSICAL MODELS FOR ADDITIONAL BRIGHTNESS VARIATION (Abstract)

13th European
Signal Processing
Conference
September 4-8, 2005
Antalya
Turkey

Joao Mota

* *Organization :*
Laboratório GTEL/DETI/UFC, Brazil

* *Paper(s) :*

PARAFAC RECEIVER FOR BLIND MULTIUSER EQUALIZATION IN WIRELESS COMMUNICATION SYSTEMS WITH TEMPORAL OVERSAMPLING (Abstract)

Jean–François Motsch

* *Organization :*
University of Paris XII, France

* *Paper(s) :*

DETECTION AND TRACKING OF NON–STATIONARY TRANSIENT SIGNALS BASED ON THE INNOVATIONS FILTER (Abstract)

Erdem Motuk

* *Organization :*

Queen's University of Belfast, United Kingdom

* *Paper(s) :*

PARALLEL IMPLEMENTATION OF FINITE DIFFERENCE SCHEMES FOR THE PLATE EQUATION ON A FPGA–BASED MULTI–PROCESSOR ARRAY (Abstract)

Pierre Moulin

* *Organization :*
University of Illinois at Urbana, United States

* *Paper(s) :*

THE METHOD OF TYPES AND ITS APPLICATION TO INFORMATION HIDING (Abstract)

Eric Moulines

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   Ecole Nationale Supérieure des Télécommunications, France

* *Paper(s) :*

ON THE USE OF PARTICLE FILTERING FOR MAXIMUM LIKELIHOOD PARAMETER ESTIMATION
(Abstract)

Wail Mousa

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Leeds University, United Kingdom

* Paper(s) :

COMPLEX–VALUED FIR SEISMIC MIGRATION FILTER DESIGN USING PURE AND RELAXED PROJECTION ALGORITHMS (Abstract)

George Moustakides

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University of Thessaly, Greece

* *Paper(s) :*

📄 THE FAST DATA PROJECTION METHOD FOR STABLE SUBSPACE TRACKING (Abstract)

Christophe Moy

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IETR/Automatique & Communication Lab, France

* *Paper(s) :*

SYNDEX EXECUTIVE KERNELS FOR FAST DEVELOPMENT OF APPLICATIONS OVER
HETEROGENEOUS ARCHITECTURES (Abstract)

Remco Muijs

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Philips Research Eindhoven, Netherlands

* *Paper(s) :*

A NO–REFERENCE BLOCKING ARTIFACT MEASURE FOR ADAPTIVE VIDEO PROCESSING (Abstract)

Bernard Mulgrew

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University of Edinburgh, United Kingdom

* *Paper(s) :*

A NON–PARAMETERIC ML ESTIMATOR WITH UNKNOWN CHANNEL ORDER (Abstract)

NON–PARAMETRIC ML CHANNEL ESTIMATOR AND DETECTOR FOR OFDM (Abstract)

ICA IN SIGNALS WITH MULTIPLICATIVE NOISE USING FOURTH–ORDER STATISTIC (Abstract)

Chantal Muller

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CREATIS, CNRS UMR 5515, Inserm U 630, France

* *Paper(s) :*

VARIABLE BANDWIDTH MEAN SHIFT FOR SMOOTHING ULTRASONIC IMAGES (Abstract)

MULTIPARAMETRIC SMOOTHING BASED ON MEAN SHIFT PROCEDURE FOR ULTRASOUND DATA SEGMENTATION (Abstract)

Erkan Unal Mumcuoglu

* *Organization :*
Middle East Technical University, Turkey

* *Paper(s) :*

SIMULTANEOUS TRIPLE–REGISTRATION OF ICTAL SPECT, INTERICTAL SPECT AND MR IMAGES FOR EPILEPSY STUDIES: METHOD AND VALIDATION (Abstract)

13th European
Signal Processing
Conference
September 4-8, 2005
Antalya
Turkey

Noriaki Murakoshi

* *Organization :*
Tokyo Institute of Technology, Japan

* *Paper(s) :*

AN EFFICIENT FAST STEREO ECHO CANCELER BY PAIRWISE OPTIMAL WEIGHT REALIZATION
TECHNIQUE (Abstract)

Juan J. Murillo–Fuentes

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Universidad de Sevilla, Spain

* Paper(s) :

INDEPENDENT COMPONENT ANALYSIS WITH OPTIMIZED PAIRWISE PROCESSING (Abstract)

Damian Murphy

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   University of York, United Kingdom

*** Paper(s) :***

DIFFUSION MODELLING AT THE BOUNDARY OF A DIGITAL WAVEGUIDE MESH (Abstract)

13th European
Signal Processing
Conference
September 4-8, 2005
Antalya
Turkey

Patrick Murphy

* *Organization :*
Rice University, United States

* *Paper(s) :*

DESIGN OF THE TRANSIT ACCESS POINT HARDWARE PLATFORM (Abstract)

Karsten Müller

* *Organization :*
    Fraunhofer−HHI, Germany

* *Paper(s) :*

3D VIDEO OBJECTS FOR INTERACTIVE APPLICATIONS (Abstract)