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Zhizua Lu (Darmstadt University of Technology, Germany); Abdelhak M Zoubir (Darmstadt University of Technology, Germany); Florian Roemer (Ilmenau University of Technology, Germany); Martin Haardt (Ilmenau University of Technology, Germany) pp. 976-979

A New Error Bound for MIMO Discrete-Time State-Space Transversal Estimators
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A Kalman-Like FIR Estimator Ignoring Noise and Initial Conditions
Yuriy S. Shmaliy (Guanajuato University, Mexico) pp. 985-989

Estimation of Multichannel TVAR Parameters From Noisy Observations Based on an Evolutive Method
Hiroshi Ijima (Wakayama University, Japan); Eric Grivel (Université de Bordeaux, France) pp. 990-994

Robust QAM Classification Using Genetic Programming and Fisher Criterion
Muhammad Waqar Aslam (University of Liverpool, United Kingdom); Zhechen Zhu (The University of Liverpool, United Kingdom); Asoke K Nandi (The University of Liverpool, United Kingdom) pp. 995-999

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Signal Processing Algorithms for Removing Banding Artifacts in MRI
Marcus Björk (Uppsala University, Sweden); Erik Gudmundson (Lund University, Sweden); Joëlle
Microscopic Image Classification Using Sparsity in a Transform Domain and Bayesian Learning
Alexander Suhre (Bilkent University, Turkey); Tulin Ersahin (Bilkent University, Turkey); Rengul Cetin-Atalay (Bilkent University, Turkey); A. Enis Cetin (Bilkent University, Turkey)
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Representing Clumps of Cell Nuclei as Unions of Elliptic Shapes by Using the MDL Principle
Jenni Hukkanen (Tampere University of Technology, Finland); Edmond Sabo (Rappaport Technion & the Legacy Heritage Clinical Research Institute at Rambam (LHCRIR), Israel); Ioan Tabus (Tampere University of Technology, Finland)
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Registration of Ultrasound Image Sequences for Perfusion Analysis
Vratislav Harabis (Brno University of Technology, Czech Republic); Radim Kolar (Brno University of Technology, Czech Republic); Radovan Jirik (Brno University of Technology & Academy of Sciences of the Czech Republic, Czech Republic)
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Detection of Exudates From Digital Fundus Images Using a Region-Based Segmentation Technique
Hussain Jaafar (University of Liverpool, United Kingdom); Asoke K Nandi (The University of Liverpool, United Kingdom); Waleed Al-Nuaimy (University of Liverpool, United Kingdom)
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Diffusion-based Bias-Compensated RLS for Distributed Estimation Over Adaptive Sensor Networks
Alexander Bertrand (Katholieke Universiteit Leuven, Belgium); Marc Moonen (Katholieke Universiteit Leuven, Belgium); Ali H. Sayed (University of California, Los Angeles, USA)
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Performance Analysis of a Distributed Robbins-Monro Algorithm for Sensor Networks
Pascal Bianchi (Telecom ParisTech - LTCI, France); Gersende Fort (CNRS, France); Walid Hachem (Telecom-paristech, France); Jérémie Jakubowicz (Telecom ParisTech, France)
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Paolo Braca (University of Salerno, Italy); Stefano Marano (University of Salerno, Italy); Vincenzo Matta (University of Salerno, Italy)
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Jaewoo Lee (Pohang University of Science and Technology, Korea); Seong-Eun Kim (POSTECH, Korea); Woo-Jin Song (Pohang University of Science and Technology, Korea); Ali H. Sayed (University of California, Los Angeles, USA)
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Sadiq Ali (Universidad Autonoma de Barcelona, Spain); José A. López-Salcedo (Universitat Autònoma de Barcelona, Spain); Gonzalo Seco-Granados (Universitat Autònoma de Barcelona, Spain)
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**SS-05: Special Session on "Multimodal (audio-visual) speech separation"

Multimodal Blind Source Separation with a Circular Microphone Array and Robust Beamforming
Syed Mohsen Raza Naqvi (Loughborough University UK, United Kingdom); Muhammad S. Khan (Loughborough University, United Kingdom); Qingju Liu (University of Surrey, United Kingdom); Wenwu Wang (University of Surrey, United Kingdom); Jonathon A Chambers (Loughborough University, United Kingdom)
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Towards Real-Time Audiovisual Speaker Localization
Gianluca Monaci (Philips research, The Netherlands)
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Robust Feature Selection for Scaling Ambiguity Reduction in Audio-Visual Convolutive BSS
Qingju Liu (University of Surrey, United Kingdom); Syed Mohsen Raza Naqvi (Loughborough University UK, United Kingdom); Wenwu Wang (University of Surrey, United Kingdom); Philip JB Jackson (University of Surrey, United Kingdom); Jonathon A Chambers (Loughborough University, United Kingdom)
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Multipose Audio-Visual Speech Recognition
Virginia Estellers (Ecole Polytechnique Federale de Lausanne, Switzerland); Jean-Philippe Thiran (École Polytechnique Fédérale de Lausanne & Signal Processing Laboratory, Switzerland)
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When Silence is Gold
Bertrand Rivet (GIPSA-Lab, Grenoble INP, France); Christian Jutten (GIPSA-Lab, France)
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Omar El Ayach (The University of Texas at Austin, USA); Robert Heath (The University of Texas at Austin, USA)
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A CoMP Downlink Transmission System Verified by Cellular Field Trials
Joerg Holfeld (Technische Universität Dresden, Germany); Ines Riedel (Technische Universität Dresden, Germany); Gerhard Fettweis (Technische Universität Dresden, Germany)
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Experimental Evaluation of Interference Alignment Under Imperfect Channel State Information
José A. García-Naya (University of A Coruña, Spain); Luis Castedo (University of A Coruña, Spain);
Interference Alignment in UMTS Long Term Evolution
Jörg Reitterer (Vienna University of Technology, Austria); Markus Rupp (Vienna University of Technology, Austria)
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Interference Alignment in the Partially Connected K-User MIMO Interference Channel
Maxime Guillaud (Vienna University of Technology, Austria); David Gesbert (Eurecom, France)
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Adaptive Color Decorrelation for Predictive Image Codecs
François Pasteau (IETR / INSA Rennes, France); Clément Strauss (IETR / INSA Rennes, France); Marie Babel (IETR / INSA Rennes, France); Olivier Deforges (IETR / INSA Rennes, France); Laurent Bedat (IETR / INSA Rennes, France)
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Multiple Description Peer-To-Peer Video Streaming Using Coalitional Games
Simone Milani (University of Padova, Italy); Stefano Busato (University of Padova, Italy); Giancarlo Calvagno (University of Padova, Italy)
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A Joint Trellis Coded Quantization (TCQ) Data Hiding Scheme in the JPEG2000 Part 2 Coding Framework
Dalila Goudia (LIRMM, France); Marc Chaumont (LIRMM, France); William Puech (University of Montpellier & LIRMM, France); Naima Hadj Said (Université des Sciences et de la Technologie d'Oran, Algeria)
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Oguzcan Dobrucali (Bilkent University, Turkey); Billur Barshan (Bilkent University, Turkey)
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A Compressive Sampling Scheme for Iterative Hyperspectral Image Reconstruction
Andrea Abrardo (University of Siena, Italy); Mauro Barni (University of Siena, Italy); Cesare M Carretti (University of Siena, Italy); Kamdem (University of Siena, Italy); Enrico Magli (Politecnico di Torino, Italy)
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Israa Amro (University of Granada, Spain); Javier Mateos (University of Granada, Spain); Miguel Vega (University of Granada, Spain)
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Victoria Zabrodina (National Aerospace University, Ukraine); Sergey Abramov (National Aerospace University, Ukraine); Vladimir Lukin (National Aerospace University, Kharkov, Ukraine); Jaakko Astola (Tampere University of Technology, Finland); Benoît Vozel (University of Rennes I, France); Kacem Chehdi (University of Rennes I, France)
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Sergi Ventosa (IFP Energies Nouvelles, France); Hérald Rabeson (IFP Energies Nouvelles, France); Laurent Duval (IFP Energies Nouvelles, France)
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Mikael Carmona (CEA-Leti & Minatech-CAMPUS, France); Olivier Michel (INPG, France); Jean-Louis Lacoume (INPG, France); Barbara Nicolas (INPG, France); Nathalie Sprynski (CEA-Leti, France)
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SAR Imagery Classification in Extended Feature Space by Collective Network of Binary Classifiers
Stefan Uhlmann (Tampere University of Technology, Finland); Serkan Kiranyaz (Tampere University of Technology, Finland); Turker Ince (Turkey); Moncef Gabbouj (Tampere University of Technology & Tampere, Finland, Finland)
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Sparse Semi-Supervised Hyperspectral Unmixing Using a Novel Iterative Bayesian Inference Algorithm
Konstantinos E. Themelis (National and Kapodistrian University of Athens & National Observatory of Athens, Greece); Athanasios A. Rontogiannis (National Observatory of Athens, Greece); Konstantinos Koutroumbas (National Observatory of Athens, Greece)
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SPCOM-L3: Distributed beamforming

Decentralized Phase Synchronization Scheme for Collaborative Beamforming in Wireless Sensor Networks
Lazar Berbakov (Centre Tecnologic de Telecomunicacions de Catalunya, Spain); Javier Matamoros (Centre Tecnologic de Telecomunicacions de Catalunya, Spain); Carles Antón-Haro (Centre Tecnologic de Telecomunicacions de Catalunya (CTTC), Spain)
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Impact of Carrier Frequency Offset in Cooperative Phase Shift Beamforming
Kanglian Zhao (Nanjing University, P.R. China); Yann Lebrun (IMEC / KULeuven, Belgium); Andre Bourdoux (IMEC, Belgium); Sofie Pollin (IMEC / UC Berkeley, USA); François Horlin (Université Libre de Bruxelles, Belgium); Sidan Du (Nanjing University, P.R. China); Rudy Lauwereins (IMEC, Leuven, Belgium)
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Jimmy Nsenga (CETIC, Belgium); Sebastien Dawans (CETIC, Belgium); Valery Ramon (Centre d'Excellence en Technologies de l'Information et de la Communication (CETIC), Belgium); Andre Bourdoux (IMEC, Belgium); François Horlin (Université Libre de Bruxelles, Belgium)
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Yann Lebrun (IMEC / KULeuven, Belgium); Kanglian Zhao (Nanjing University, P.R. China); Sofie Pollin (IMEC / UC Berkeley, USA); Andre Bourdoux (IMEC, Belgium); François Horlin (Université Libre de Bruxelles, Belgium); Rudy Lauwereins (IMEC, Leuven, Belgium)
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Robust Time-Slotted Round-Trip Carrier and Timing Synchronization for Distributed Beamforming
Marti Mañosas-Caballú (Universitat Autonoma de Barcelona (UAB), Spain); Gonzalo Seco-Granados (Universitat Autonoma de Barcelona, Spain)
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George Glentis (University of Peloponesse, Greece); Andreas Jakobsson (Lund University, Sweden)
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Patrick Maechler (ETH Zurich, Switzerland); Norbert Felber (ETHZ, Switzerland); Andreas Burg (EPFL, Switzerland)
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Yesim Hekim Tanc (Istanbul University, Turkey); Aydin Akan (Istanbul University, Turkey)
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Yusong Yan (York University, Canada); Hongmei Zhu (York University & Canada, Canada)
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Collaborative Spectrum Sensing Based on Upper Bound on Joint PDF of Extreme Eigenvalues
Muhammad Zeeshan Shakir (King Abdullah University of Science and Technology & University of Strathclyde, United Kingdom, Saudi Arabia); Wuchen Tang (University of Surrey, United Kingdom); Muhammad Ali Imran (University of Surrey, United Kingdom); Mohamed-Slim Alouini (KAUST, Saudi Arabia)
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A SARS Multiband Spectrum Sensing Method in Wideband Communication Systems Using RSG
Bashar I Ahmad (University of Westminster, United Kingdom); Andrzej Tarczynski (University of Westminster, United Kingdom); Mustafa Al-Ani (University of Westminster, United Kingdom)
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Robust Spectrum Sensing for Cognitive Radio
Tõnu Trump (Tallinn University of Technology, Estonia); Ivo Müürsepp (Tallinn University of Technology, Estonia)
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Opportunistic Spectrum Access in Multi-User Multi-Channel Cognitive Radio Networks
Sachin Shetty (Tennessee State University, USA); Kodzo Agbedanu (University of North Texas, USA); Ravi Prakash Ramachandran (Rowan University, USA)
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Eva Lagunas (Universitat Politècnica de Catalunya, Spain); Montse Nájar (UPC, Spain); Miguel Angel Lagunas (Telecommunications Technological Center of Catalonia, Spain)
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SS-09: Special Session on "2D and 3D image analysis of paintings"

Virtual Underpainting Reconstruction From X-ray Fluorescence Imaging Data
Anila Anitha (University of Colorado at Boulder, USA); Andrei Brasoveanu (Princeton University, USA); Marco Duarte (Duke University, USA); Shannon Hughes (University of Colorado at Boulder, USA); Ingrid Daubechies (Princeton University, USA); Joris Dik (University of Delft, The Netherlands); Koen Janssens (University of Antwerp, Belgium); Matthias Alfeld (University of Antwerp, Belgium)
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Higher-order Spatial Statistics and Perceptual Judgements in the Stylometric Analysis of Art
James Hughes (Dartmouth College, USA); Daniel Graham (Dartmouth College, USA); Robert Jacobsen (Aalborg University, Denmark); Dan Rockmore (Dartmouth College, USA)
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3-Dimensional Digital Fingerprint of Paintings
Bernd Breuckmann (Breuckmann GmbH, Germany)
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Digital Painting Analysis, At the Cross Section of Engineering, Mathematics and Culture
Bruno Cornelis (Vrije Universiteit Brussel, Belgium); Ann Dooms (Vrije Universiteit Brussel, Belgium); Jan P.H. Cornelis (Vrije Universiteit Brussel, Belgium); Frederik Leen (Royal Museums of Fine-Arts of Belgium, Belgium); Peter Schelkens (Vrije Universiteit Brussel, Belgium)
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Using Local Features for Efficient Layout Analysis of Ancient Manuscripts
Angelika Garz (Vienna University of Technology, Austria); Robert Sablatnig (Vienna University of Technology, Austria); Markus Diem (Vienna University of Technology, Austria)
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SS-10: Special Session on "Recent advances in adaptive filtering for audio and acoustics"

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Marcus Zeller (University of Erlangen-Nuremberg, Germany); Walter Kellermann (University Erlangen-Nuremberg, Germany)
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Jerónimo Arenas-Garcia (Universidad Carlos III de Madrid, Spain); María De Diego (Universidad Politécnica de Valencia, Spain); Luis Azpicueta-Ruiz (Universidad Carlos III de Madrid, Spain); Miguel Ferrer (Universidad Politécnica de Valencia, Spain); Alberto Gonzalez (Universidad Politécnica de Valencia, Spain)
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An Adaptive Multiple Position Room Response Equalizer
Stefania Cecchi (Università Politecnica delle Marche, Italy); Andrea Primavera (Università Politecnica delle Marche, Italy); Francesco Piazza (Università Politecnica delle Marche, Italy); Alberto Carini (University of Urbino, Italy)
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Meng Guo (Aalborg University & Oticon A/S, Denmark); Thomas Bo Elmedyb (Oticon A/S, Denmark); Søren Holdt Jensen (Aalborg University, Denmark); Jesper Jensen (Oticon, Denmark)
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FPGA Implementation of an Efficient Proportionate Affine Projection Algorithm for Echo Cancellation
Cristian Stanciu (University Politehnica of Bucharest, Romania); Cristian Anghel (University Politehnica of Bucharest, Romania); Constantin Paleologu (University Politehnica of Bucharest, Romania); Jacob Benesty (INRS-EMT, University of Quebec, Canada); Felix Albu (Politehnica University of Bucharest, Romania); Silviu Ciochina (University Politehnica of Bucharest, Romania)
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Assessment of Audio Features for Automatic Cough Detection
Thomas Drugman (Faculté Polytechnique de Mons, Belgium); Jerome Urbain (University of Mons, Belgium); Thierry Dutoit (FPMS, Belgium)
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Speaker Recognition in Noisy Conditions with Limited Training Data
Niall McLaughlin (Queens University Belfast, United Kingdom); Ji Ming (Queens University Belfast, United Kingdom); Danny Crookes (Queen's University of Belfast, United Kingdom)
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Speaker Identification Using Diffusion Maps
Yan Michalevsky (Technion - Israel Institute of Technology, Israel); Ronen Talmon (Technion - Israel Institute of Technology, Israel); Israel Cohen (Technion, Israel)
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VQ-UBM Based Speaker Verification Through Dimension Reduction Using Local PCA
Cemal Hanilci (Uludag University, Turkey); Figen Ertas (Uludag University, Turkey)
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Annamaria Mesaros (Tampere University of Technology, Finland); Toni Heittola (Tampere University of Technology, Finland); Anssi Klapuri (Tampere University of Technology, Finland)
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Saurabh Khanwalkar (Raytheon BBN Technologies, USA); Guruprasad Saikumar (Raytheon BBN Technologies, USA); Amit Srivastava (Raytheon BBN Technologies, USA); Premkumar Natarajan (BBN Technologies, USA)
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Two-Source Acoustic Event Detection and Localization: Online Implementation in a Smart-Room
Taras Butko (Technical University of Catalonia & TALP Research Center, Spain); Fran González Pla (Technical University of Catalonia, Spain); Carlos Segura (Technical University of Catalonia, Spain); Climent Nadeu (UPC, Spain); Javier Hernando (Technical University of Catalonia, Spain)
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Shoichi Koyama (NTT Cyber Space Laboratories, Japan); Yusuke Hiwasaki (NTT, Japan); Ken'ichi Furuya (NTT Cyber Space Laboratories, Japan); Yoichi Haneda (NTT Cyber Space Laboratories, Japan)
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A Bimodal Sound Source Model for Vehicle Tracking in Traffic Monitoring
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Oversteering of End-Fire Arrays with Frequency-Invariant Beam Patterns
Federico Traverso (University of Genoa, Italy); Marco Crocco (University of Genoa, Italy); Andrea Trucco (University of Genoa, Italy); Gianni Vernazza (Universita' di Genova, Italy)
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Virtual Source Panning Using Multiple-Wise Vector Base in the Multispeaker Stereo Format
Se-Woon Jeon (Yonsei University, Korea); Young-cheol Park (Yonsei University, Korea); Seok-pil Lee (Korean Electronics Technology Institute, Korea); Dae Hee Youn (Yonsei University, Korea)
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David Ayllón (University of Alcalá, Spain); Avram Levi (Brown University, USA); Harvey Silverman (Brown University, USA)
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Blind Estimation of the Coherent-to-Diffuse Energy Ratio From Noisy Speech Signals
Marco Jeub (RWTH Aachen University, Germany); Christoph Nelke (RWTH Aachen University, Germany); Christophe Beaugeant (Intel Mobile Communications, France); Peter Vary (RWTH Aachen University, Germany)
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Sparse Representation of Dense Motion Vector Fields for Lossless Compression of 4-D Medical CT Data
Andreas Weinlich (Chair of Multimedia Communications and Signal Processing, University of Erlangen-Nuremberg & Siemens Corporate Technology, Imaging and Visualization, Germany); Peter Amon (Siemens, Germany); Andreas Hutter (Siemens Corporate Technology, Germany); Andre Kaup (University of Erlangen-Nuremberg, Germany)
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Dragana Sandić-Stanković (Institute for Telecommunication and Electronics, IRITEL AD BEOGRAD, Serbia)
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A Fast Intra Encoder of Frame-compatible Format Based on Content Similarity for 3D Distribution
Zhuoying Zeng (Waseda University, Japan); Xin Jin (Waseda University, Japan); Satoshi Goto (Waseda University, Japan)
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Error-Resilient Video Transmission for 3-D Signal Over Cooperative-MIMO System
Omar Salim (University of Southern Queensland & USQ, Australia); Wei Xiang (University of Southern...
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**Hidden Conditional Random Fields for Classification of Imaginary Motor Tasks From EEG Data**
Jaime Delgado Saa (Sabanci University & Universidad del Norte, Turkey); Mujdat Cetin (Sabanci University, Turkey)
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Bertrand Rivet (GIPSA-Lab, Grenoble INP, France); Hubert Cecotti (GIPSA-lab CNRS UMR, France); Antoine Souloumiac (CEA, LIST, Laboratoire Outils pour l'Analyse de Données, France); Emmanuel Maby (INSERM, U821, Brain Dynamics and Cognition, France); Jeremie Mattout (INSERM, France)
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Stephen R Alty (King's College London & Division of Engineering, United Kingdom); Apostolos Georgakis (King's College London, United Kingdom)
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Lenka Chladekova (Comenius University, Jessenius Faculty of Medicine, Slovakia); Zuzana Turianikova (Comenius University, Jessenius Faculty of Medicine, Slovakia); Ingrid Tonhajzerova (Comenius University, Jessenius Faculty of Medicine, Slovakia); Andrea Calkovska (Comenius University, Jessenius Faculty of Medicine, Slovakia); Michal Javorka (Comenius University, Jessenius Faculty of Medicine, Slovakia)
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Eleni Kroupi (EPFL, Switzerland); Ashkan Yazdani (Ecole Polytechnique Federale de Lausanne, Switzerland); Jean-Marc Vesin (EPFL, Switzerland); Touradj Ebrahimi (EPFL, Switzerland)
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Mark Raifel (DSP Group, Israel); Amos Schreibman (DSP Group, Israel); Yaakov (Yakup) Cemal (DSP Group, Israel)
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The Unscented Kalman Particle PHD Filter for Joint Multiple Target Tracking and Classification
Mounir Melzi (Military Polytechnic School, Algeria); Abdelaziz Ouldali (EMP, Algeria); Zahir Messaoudi (University of Birmingham, Algeria)
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A New Structure for the Design of Variable Fractional-Delay FIR Filters
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Eduardo L. O. Batista (Federal University of Santa Catarina, Brazil); Rui Seara (Federal University of Santa Catarina, Brazil)
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Andreas Fischer (University of Bern, Switzerland); Horst Bunke (University of Bern, Switzerland)
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Roger Easton (Rochester Institute of Technology, USA); William Christens-Barry (Equipoise Imaging, LLC, USA); Keith Knox (Air Force Research Laboratory, USA)
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Mickael Coustaty (University of La Rochelle, France); Romain Raveaux (University of La Rochelle (France), France); Jean-Marc Ogier (L3i - University of La Rochelle, France)
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Fenella France (Library of Congress, USA); Michael B. Toth (R. B. Toth Associates, USA)
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Gabriel Peyré (CNRS and Université Paris-Dauphine, France); Jalal Fadili (GREYC CNRS UMR 6072, ensicaen, France); Christophe Chesneau (University of Caen, France)
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Matthieu Puigt (Foundation for Research and Technology - Hellas, Greece); Anthony Griffin (FORTH/University of Crete, Greece); Athanasios Mouchtaris (Foundation for Research and Technology-Hellas, Greece)
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Inès Meganem (University of Toulouse / CNRS / IRAP - ONERA, France); Yannick Deville (University of Toulouse, France); Shahram Hosseini (University of Toulouse / CNRS / IRAP, France); Philippe Déliot (ONERA, France); Xavier Briottet (ONERA, France); Leonardo T Duarte (University of Campinas, Brazil)
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Bahador Makki Abadi (University of Surrey, United Kingdom); Delaram Jarchi (University of Surrey, United Kingdom); Vahid Abolghasemi (University of Surrey, United Kingdom); Saeid Sanei (University of Surrey, United Kingdom)
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Felix Klose (TU Braunschweig, Germany); Kai Ruhl (TU Braunschweig, Germany); Christian Lipski (TU Braunschweig, Germany); Christian Linz (TU Braunschweig, Germany); Marcus Magnor (TU Braunschweig, Germany)
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Silvia Paris (Université de Nice-Sophia Antipolis, France); David Mary (Université de Nice Sophia-Antipolis, France); Andréa Ferrari (University of Nice, France); Sébastien Bourguignon (University of Nice Sophia Antipolis, CNRS, Observatoire de la Côte d’Azur, France)
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Jie Chen (Université de technologie de Troyes & Université de Nice Sophia-Antipolis, France); Cédric Richard (Université de Nice Sophia-Antipolis, France); Henri Lantéri (Université de Nice Sophia Antipolis, France); Céline Theys (Université de Nice Sophia-Antipolis, France); Paul Honeine (Université de Technologie de Troyes, France)
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Jean-Charles Naud (Université de Rennes 1 & INRIA, STMicroelectronics, France); Quentin Meunier (INRIA, IRISA, France); Daniel Menard (University of Rennes 1, France); Olivier Sentieys (IRISA, University of Rennes 1, France)
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Juha Suviola (Tampere University of Technology, Finland); Markus Allén (Tampere University of Technology, Finland); Mikko Valkama (Tampere University of Technology, Finland); Markku K. Renfors (Tampere University of Technology, Finland)
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José Portêlo (INESC-ID Lisboa, Portugal); Bhiksha Raj (Carnegie Mellon University, USA); Alberto Abad (INESC-ID, Portugal); Isabel Trancoso (I.S.T. - Technical U. Lisbon / I.N.E.S.C. - I.D., Portugal)
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Antoine Souloumiac (CEA, LIST, Laboratoire Outils pour l'Analyse de Données, France)
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Craig Berry (Trinity College Dublin, Ireland); Anil Kokaram (Trinity College Dublin, Ireland); Naomi Harte (Trinity College Dublin, Ireland)
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Person Specific Activity Recognition Using Fuzzy Learning and Discriminant Analysis
Alexandros Iosifidis (Aristotle University of Thessaloniki, Greece); Anastasios Tefas (Aristotle University of Thessaloniki, Greece); Ioannis Pitas (Aristotle University of Thessaloniki, Greece)
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A Co-training Approach to Automatic Face Recognition
Xuran Zhao (EURECOM, France); Nicholas Evans (EURECOM, France); Jean-Luc Dugelay (Institut EURECOM, France)
pp. 1979-1983

**SAM-P2: Localization**

Cooperative Localization Using Efficient Kalman Filtering for Mobile Wireless Sensor Networks
Hadi Jamali Rad (Delft University of Technology, The Netherlands); Toon van Waterschoot (Delft University of Technology, The Netherlands); Geert Leus (Delft University of Technology, The Netherlands)
pp. 1984-1988

Best Linear Unbiased Estimator Algorithm for Received Signal Strength Based Localization
Lanxin Lin (Cityu University of Hong Kong, Hong Kong); Hing-Cheung So (City University of Hong Kong, Hong Kong)
pp. 1989-1993

Path Loss Factor Estimation for RSS-Based Localization Algorithms with Wireless Sensor Networks
Eduardo Hernández-Pérez (Universidad de Las Palmas de Gran Canaria, Spain); Juan L. Navarro-Mesa (University of Las Palmas de Gran Canaria, Spain); Sofia Martín-González (University of Las Palmas de Gran Canaria, Spain); Pedro Quintana-Morales (University of Las Palmas de Gran Canaria, Spain); Antonio Ravelo-García (University of Las Palmas de Gran Canaria, Spain)
New Constrained Least Squares Approach for Range-Based Positioning
Lanxin Lin (City University of Hong Kong, Hong Kong); Hing-Cheung So (City University of Hong Kong, Hong Kong)
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New Trends in Passive Localization by Multiarray Network
Jonathan Bosse (Thales group, France); Anne Ferreol (Thales Communications, France); Pascal Larzabal (ENS-Cachan, PARIS, France)
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Joint Estimation of Sound Source Location and Noise Covariance in Spatially Colored Noise
Futoshi Asano (AIST, Japan); Hideki Asoh (AIST, Japan)
pp. 2009-2013

Energy-efficient Positioning in Sensor Networks by a Game Theoretic Approach
Ana Moragrega (Centre Tecnològic de Telecomunicacions de Catalunya (CTTC), Spain); Pau Closas (Centre Tecnològic de Telecomunicacions de Catalunya (CTTC), Spain); Christian Ibars (Centre Tecnològic de Telecomunicacions de Catalunya - CTTC, Spain)
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Distributed Consensus-based Tracking in Wireless Sensor Networks: a Practical Approach
Benjamín Béjar (Universidad Politécnica de Madrid, Spain); Pavle Belanovic (Universidad Politecnica de Madrid (UPM), Spain); Santiago Zazo (Universidad Politecnica Madrid, Spain)
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Symbolic to Numerical Conversion of DNA Sequences Using Finite-Context Models
Armando J Pinho (University of Aveiro, Portugal); Diogo Pratas (University of Aveiro, Portugal); Paulo Ferreira (University of Aveiro, Portugal); Sara Garcia (University of Aveiro, Portugal)
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Spatio-temporal Fusion of Visual Attention Model
Anis Rahman (GIPSA-lab, France); Guanghan Song (Institut National Polytechnique de Grenoble, France); Denis Pellerin (GIPSA-lab, France); Dominique Houzet (Laboratoire GIPSA-Lab, France)
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Sound Effect on Visual Gaze When Looking At Videos
Guanghan Song (Institut National Polytechnique de Grenoble, France); Denis Pellerin (GIPSA-lab, France); Lionel Granjon (GIPSA-lab, France)
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A Visual Saliency Modulated Just Noticeable Distortion Profile for Image Watermarking
Yaqing Niu (Communication University of China, P.R. China); Matthew J Kyan (Ryerson University, Canada); Lin Ma (Department of Electronic Engineering, The Chinese University of Hong Kong, Hong Kong); Azeddine Beghdadi (L2TI, Université Paris 13, France); Sridhar Krishnan (My Supervisor, Canada)
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Robust Video Watermarking Using Maximum Likelihood Decoder
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Audio Research Lab (CARLAB), University of Sydney, Iran; Shahrokh Ghaemmaghami (Sharif University of Technology, Iran)
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**Online Multitechnology Sensors Explosive Recognition**
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Javier Vía (University of Cantabria, Spain); Luis Vielva (University of Cantabria, Spain)
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**Multiantenna GLR Detection of a Gaussian Signal in Spatially Uncorrelated Noise**
Josep Sala (Technical University of Catalonia, Spain)
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**Parametric Waveform Design for Improved Target Detection**
Feng Yin (Technische Universität Darmstadt, Germany); Christian Debes (Darmstadt University of Technology, Germany); Abdelhak M Zoubir (Darmstadt University of Technology, Germany)
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Tore Rudberg (Lund University, Sweden); Andreas Jakobsson (Lund University, Sweden)
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Pål Anders Floor (Oslo University Hospital, Norway); Anna N. Kim (Norwegian University of Science and Technology, Norway); Niklas F. Wernersson (Royal Institute of Technology, Sweden); Tor A. Ramstad (Norwegian University of Science and Technology, Norway); Mikael Skoglund (Royal Institute of Technology, Sweden); Ilangko Balasingham (Norwegian University of Science & Technology & Oslo University Hospital, Norway)
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Amirpasha Shirazinia (Royal Institute of Technology, Sweden); Lei Bao (Royal Institute of Technology, Sweden); Mikael Skoglund (Royal Institute of Technology, Sweden)
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Novel Iterative Multiple Description Coding for Correlated Sources
Laurent Schmalen (Alcatel-Lucent, Germany); Matthias Tschauner (RWTH Aachen University, Germany); Tobias Breddermann (RWTH Aachen University, Germany); Peter Vary (RWTH Aachen University, Germany)
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Florian Pflug (Technische Universität Braunschweig, Germany); Tim Fingscheidt (Technische Universität Braunschweig, Germany)
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Ahmad Abou Saleh (Queen's University, Canada); Wai-Yip Geoffrey Chan (Queen's University, Canada); Fady Alajaji (Queen's University, Canada)
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Luca Cappelletta (Trinity College Dublin, Ireland); Naomi Harte (Trinity College Dublin, Ireland)
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Hari Krishna Maganti (Foundazione Bruno Kessler - Center for Information Technology -IRST, Italy); Silvia Zanon (Foundazione Bruno Kessler - Center for Information Technology -IRST, Italy); Marco Matassoni (Foundazione Bruno Kessler, Italy); Alessio Brutti (Foundazione Bruno Kessler, Italy)
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Andi Buzo (Politehnica University of Bucharest, Romania); Horia Cucu (Politehnica Bucharest, Romania); Corneliu Burileanu (University "Politehnica" of Bucharest, Romania)
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Ayeh Jafari (Queen's University Belfast, United Kingdom); Ramji Srinivasan (Queen's University Belfast & The Institute of Electronics, Communications and Information Technology -ECIT, United Kingdom); Danny Crookes (Queen's University of Belfast, United Kingdom); Ji Ming (Queens University Belfast, United Kingdom)
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Catalog-Based Single-Channel Speech-Music Separation for Automatic Speech Recognition
Cemil Demir (BOGAZICI University & TÜBİTAK-BİLGEM, Turkey); Ali Taylan Cemgil (Bogazici
A Systematic Strategy for Robust Automatic Dialect Identification
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Seyed Hamidreza Mohammadi (Sharif University of Technology, Iran); Hossein Sameti (Sharif University of Technology, Iran); Amirhossein Tavanaei (Sharif University of Technology, Iran); Ali Soltani-Farani (Sharif University of Technology, Iran)
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Anıl Çelebi (University of Kocaeli, Turkey); Oguzhan Urhan (University of Kocaeli, Turkey)
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Jui-Chiu Chiang (National Chung Cheng University, Taiwan); Che-Hsu Pan (National Chung Cheng University, Taiwan)
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Oh Hyeongchul (Hanyang University, Korea); Sang-Jun Park (Hanyang University, Korea); Hanjin Park (Hanyang University, Korea); Jechang Jeong (Hanyang University, Korea)
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Eduardo Peixoto (Queen Mary, University of London, United Kingdom); Toni Zgaljic (Queen Mary, University of London, United Kingdom); Ebroul Izquierdo (Queen Mary, University of London, United Kingdom)
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Michele Sanna (Queen Mary, University of London, United Kingdom); Ebroul Izquierdo (Queen Mary, University of London, United Kingdom)
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Loïc Dubois (LIRMM, University of Montpellier 2 & DGA, Paris, France); William Puech (University of Montpellier & LIRMM, France); Jacques Blanc-Talon (DGA, France)
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Uyen Ly Dang (University of Erlangen-Nuremberg, Germany); Wolfgang Gerstacker (University of Erlangen-Nuernberg, Germany); Dirk Slock (Eurecom, France)
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William Dalzell (Queen's University of Belfast, United Kingdom); Colin Cowan (The Queen's University of Belfast, United Kingdom)
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Bruno Demissie (FGAN-FKIE Germany, Germany); Sebastian Kreuzer (Fraunhofer-FKIE, Germany)
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Reza Arablouei (University of South Australia, Australia); Kutluyil Doğançay (University of South Australia, Australia); Sylvie Perreau (University of South Australia, Australia)
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Jovana Ilic (University of California Davis, USA); Thomas Strohmer (University of California, Davis, USA)
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Ignat Domanov (KULeuven CAmpus Kortrijk, Belgium); Lieven De Lathauwer (K.U.Leuven, Belgium)
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Hugo Proença (University of Beira Interior & IT-Instituto de Telecomunicações, Portugal)
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Sairul Safie (University of Strathclyde, United Kingdom); John J Soraghan (University of Strathclyde, United Kingdom); Lykourgos Petropoulakis (University of Strathclyde, United Kingdom)
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Markus Allén (Tampere University of Technology, Finland); Jaakko Marttila (Tampere University of Technology, Finland); Mikko Valkama (Tampere University of Technology, Finland)
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He Bo (Shandong University, P.R. China); Andrea Giorgetti (University of Bologna, Italy); Marco Chiani (University of Bologna, Italy)
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Cognitive Control Channels for the Cooperation of Opportunistic and Composite Wireless Networks
Jens Gebert (Alcatel-Lucent Bell Labs, Germany); Andreas Georgakopoulos (University of Piraeus, Greece); Vera Stavroulaki (University of Piraeus, Greece); Kostas Tsagkaris (University of Piraeus, Greece); Ramon Ferrús (Universitat Politècnica de Catalunya, Spain); Panagiotis Demestichas (University of Piraeus, Greece)
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Oscar Tonelli (Aalborg University, Denmark); Gilberto Berardinelli (Aalborg University, Denmark); Andrea F. Cattoni (Aalborg University, Denmark); Troels B. Sørensen (Aalborg University, Denmark); Preben Mogensen (Nokia Siemens Networks, Aalborg, Denmark)
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Marco Jeub (RWTH Aachen University, Germany); Christoph Nelke (RWTH Aachen University,
Cepstral Weighting for Speech Dereverberation Without Musical Noise
Timo Gerkmann (Royal Institute of Technology (KTH), Sweden)
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Balazs Fodor (Technische Universitaet Braunschweig, Institute for Communications Technology, Germany); Tim Fingscheidt (Technische Universitat Braunschweig, Germany)
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Kazunobu Kondo (Nagoya University & Yamaha Corporation, Japan); Yu Takahashi (Yamaha Corporation, Japan); Seiichi Hashimoto (Yamaha Corporation, Japan); Hiroshi Saruwatari (Graduate School of Information Science, Nara Institute of Science and Technology, Japan); Takanori Nishino (Mie University, Japan); Kazuya Takeda (Nagoya University, Japan)
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