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Helsinki University of Technology, Finland

\* ***Paper(s) :***



PARAMETRIZATION OF INHARMONIC BIRD SOUNDS FOR AUTOMATIC RECOGNITION ([Abstract](#))



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\* ***Paper(s) :***

 NON-PARAMETRIC ML CHANNEL ESTIMATOR AND DETECTOR FOR OFDM ([Abstract](#))

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\* ***Paper(s) :***



A SEQUENTIAL FEATURE SELECTION ALGORITHM FOR GMM-BASED SPEECH QUALITY ESTIMATION ([Abstract](#))



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AN ADAPTIVE MOTION ESTIMATION SCHEME USING MAXIMUM MUTUAL INFORMATION CRITERIA  
([Abstract](#))



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Amirkabir University of Technology, Iran

\* ***Paper(s) :***



ROBUST FEATURES FOR NOISY SPEECH RECOGNITION BASED ON FILTERING AND SPECTRAL PEAKS IN AUTOCORRELATION DOMAIN ([Abstract](#))

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 CODING DEPTH IMAGES WITH PIECEWISE LINEAR FUNCTIONS FOR MULTI-VIEW SYNTHESIS  
([Abstract](#))

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AMS, Italy

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JOINT USE OF SUM AND DIFFERENCE CHANNELS FOR MULTIPLE RADAR TARGET DOA ESTIMATION  
([Abstract](#))

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ARCHITECTURAL OPTIMIZATIONS FOR SOFTWARE-BASED MPEG4 VIDEO ENCODER ([Abstract](#))



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\* **Paper(s) :**



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



**Spilios D. Fassois**

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\* ***Paper(s) :***

 [ON THE ESTIMATION OF NON-STATIONARY FUNCTIONAL SERIES TARMA MODELS \(Abstract\)](#)

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

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\* ***Paper(s) :***

 ADAPTIVE LAGUERRE–VOLTERRA FILTERS OPTIMIZATION BASED ON LAGUERRE SPECTRA  
([Abstract](#))

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

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\* ***Paper(s) :***



HISTOGRAM-BASED BLIND SOURCE SEPARATION OF MORE SOURCES THAN SENSORS USING A DUET-ESPRIT TECHNIQUE ([Abstract](#))





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\* **Paper(s) :**

 H.264/AVC–COMPATIBLE CODING OF DYNAMIC LIGHT FIELDS USING TRANSPOSED PICTURE ORDERING ([Abstract](#))

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SOUNDERS FOR MIMO CHANNEL MEASUREMENTS ([Abstract](#))



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 ONE METHOD FOR IIR FILTER DESIGN BASED ON COMPLEX ALLPASS FILTERS ([Abstract](#))



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 [MULTIDIMENSIONAL FILTERING OF IRREGULARLY SAMPLED SEISMIC DATA \(Abstract\)](#)



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



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TIME-FREQUENCY ESTIMATION IN THE COSPAS/SARSAT SYSTEM USING ANTENNA ARRAYS:  
VARIANCE BOUNDS AND ALGORITHMS ([Abstract](#))



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ENVIRONMENT SIMULATOR FOR AUDIO SIGNALS ([Abstract](#))



A NEW APPROACH TO MULTICHANNEL AUDIO SIGNAL ACQUISITION AND SUBBAND PROCESSING  
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TIME-FREQUENCY ESTIMATION IN THE COSPAS/SARSAT SYSTEM USING ANTENNA ARRAYS:  
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SYPOLE: A MOBILE ASSISTANT FOR THE BLIND ([Abstract](#))

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SMART CANDIDATE ADDING: A NEW LOW-COMPLEXITY APPROACH TOWARDS NEAR-CAPACITY MIMO DETECTION ([Abstract](#))



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ON THE PERFORMANCE OF STANDARD-INDEPENDENT I/Q IMBALANCE COMPENSATION IN OFDM DIRECT-CONVERSION RECEIVERS ([Abstract](#))



DESIGN AND AUTOMATIC CODE GENERATION OF A TWO-DIMENSIONAL FAST COSINE TRANSFORM FOR SIMD DSP ARCHITECTURES ([Abstract](#))



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BLIND SEPARATION OF SPARSE SOURCES USING VARIATIONAL EM ([Abstract](#))



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BAYESIAN INFERENCE OF INTRAVOXEL STRUCTURE IN DIFFUSION MRI ([Abstract](#))



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 GAUSSIAN CHANNEL MODEL FOR MACROCELLULAR MOBILE PROPAGATION ([Abstract](#))



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3D MODELING OF INDOOR ENVIRONMENTS BY A MOBILE PLATFORM WITH A LASER SCANNER AND PANORAMIC CAMERA ([Abstract](#))



A SMART CAMERA APPROACH TO REAL-TIME TRACKING ([Abstract](#))

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 [INTRA-ADAPTIVE MOTION-COMPENSATED LIFTED WAVELETS FOR VIDEO CODING \(Abstract\)](#)

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 WAVELET DOMAIN ASTRONOMICAL MULTIBAND IMAGE FUSION AND RESTORATION USING MARKOV QUADTREE AND COPULAS ([Abstract](#))

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ANISOTROPIC LOCAL APPROXIMATIONS FOR POINTWISE ADAPTIVE SIGNAL-DEPENDENT NOISE REMOVAL ([Abstract](#))



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WAVELET-BASED DISTRIBUTED SOURCE CODING OF VIDEO ([Abstract](#))



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NEW ALGORITHM FOR KIKUCHI LINES DETECTION IN ELECTRON MICROSCOPY IMAGES ([Abstract](#))

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



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DESIGN OF THE TRANSIT ACCESS POINT HARDWARE PLATFORM ([Abstract](#))



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 AN ONLINE BIOMETRIC AUTHENTICATION SYSTEM BASED ON EIGENFINGERS AND FINGER-GEOMETRY ([Abstract](#))

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SINGLE-CARRIER TRANSMISSION WITH ITERATIVE FREQUENCY-DOMAIN DECISION-FEEDBACK  
EQUALIZATION ([Abstract](#))



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\* **Paper(s) :**



LOW COMPLEXITY TWO CLASSES GAUSS WEIGHTING FILTER FOR NOISE REDUCTION IN MOBILE RECEIVED ANALOG TV SIGNALS ([Abstract](#))

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 LOCALIZATION OF SOURCES RADIATING ON A LARGE ANTENNA ([Abstract](#))



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 [MULTIRESOLUTION MOTION ESTIMATION FOR OMNIDIRECTIONAL IMAGES \(Abstract\)](#)

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\* ***Paper(s) :***



A MULTISCALE COLOR QUANTIZATION ALGORITHM FOR PRODUCING SCALABLE MEDIA ([Abstract](#))