



T

Tagliasacchi, Marco

Takala, Jarmo

Takatani, Tomoya

Tanaka, Toshihisa

Tang, Zijian

Tanik, Yalçın

Tari, Bugra

Tatekura, Yosuke

Takahashi, Kota

Takaoka, Takayasu

Tan, Chor Min

Tanaka, Yuichi

Tania, Pencheva

Tanrikulu, Oguz

Tasdizen, Ozgur

Tay, David B. H.



T

Tchagang, Alain Beaudelaire

Tekalp, A. Murat

Tell, Eric

Tewfik, Ahmed H.

Theis, Fabian Joachim

Therrien, Charles

Thiran, Jean-Philippe

Tico, Marius

Tefas, Anastasios

Telatar, Ziya

Temizel, Alptekin

Thayaparan, Thayananthan

Theodoridis, Sergios

Thillou, Céline

Tian, Dong

Tistarelli, Massimo



T

Tobias, Orlando

Toffolatti, L.

Tola, Engin

Tominaga, Hideyoshi

Took, Clive Cheong

Topak, Emre

Tosic, Ivana

Tressens, Sara

Toffetti, Giovanni

Toker, Cenk

Tomii, Hiromi

Tonazzini, Anna

Toosizadeh, Navid

Topay, Ugur

Tosun, Levent

Trindade, Antonio



T

Troeger, Tobias

Tsihrintzis, George

Tsukuba, Takeshi

Tuncer, T. Engin

Turcza, Pawel

Turk, Oytun

Twardowski, Tomasz

Tzovaras, Dimitrios

Trussell, H. Joel

Tsirikos, Andreas

Tubaro, Stefano

Turajlic, Srbijanka

Turhal, Umit Cigdem

Tuyls, Pim

Tziritas, George

Töreyn, B. Ugur



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



IMAGE COMPRESSION IN A MULTI-CAMERA SYSTEM BASED ON A DISTRIBUTED SOURCE CODING APPROACH ([Abstract](#))



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

Letter-T

Menu



Kota Takahashi

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



A TALKER TRACKING METHOD USING TWO MICROPHONES BASED ON THE SOUND SOURCE LOCALIZATION ([Abstract](#))

Letter-T

Menu



Jarmo Takala

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



EFFICIENT BYTE PERMUTATION REALIZATIONS FOR COMPACT AES IMPLEMENTATIONS
([Abstract](#))

Letter-T

Menu



Takayasu Takaoka

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* *Paper(s) :*



NETWORK ADAPTIVE RATE CONTROL FOR TRANSCODER ([Abstract](#))



Tomoya Takatani

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Nara Institute of Science and Technology, Japan

* *Paper(s) :*



TWO-STAGE BLIND SOURCE SEPARATION COMBINING SIMO-MODEL-BASED ICA AND ADAPTIVE BEAMFORMING ([Abstract](#))



BLIND SEPARATION OF BINAURAL SOUND MIXTURES USING SIMO-ICA WITH SELF-GENERATOR FOR INITIAL FILTER ([Abstract](#))



Chor Min Tan

* ***Organization :***

University of Bristol, United Kingdom

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



DIRECTIONAL MEASUREMENTS AND MODELLING OF INDOOR ENVIRONMENTS AT 5.2GHZ
([Abstract](#))

Letter-T

Menu



Toshihisa Tanaka

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



FIRST RESULTS ON UNIQUENESS OF SPARSE NON-NEGATIVE MATRIX FACTORIZATION
([Abstract](#))

Letter-T

Menu



Yuichi Tanaka

* ***Organization :***

Keio University, Japan

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



DESIGN OF UNEQUAL-LENGTH LINEAR-PHASE FILTER BANKS WITHOUT REDUNDANCY ([Abstract](#))

Letter-T

Menu



Zijian Tang

* ***Organization :***

Delft University of Technology, Netherlands

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



RLS DIRECT EQUALIZER ESTIMATION WITH ASSISTANCE OF PILOTS FOR TRANSMISSIONS OVER TIME-VARYING CHANNELS ([Abstract](#))



Pencheva Tania

* ***Organization :***

Bulgarian Academy of Science, Bulgaria

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



FEATURE EXTRACTION OF ARTIFICIAL TONGUE DATA USING GRAM-SCHMIDT ORTHONORMALIZATION ([Abstract](#))

Letter-T

Menu



Yalçın Tanık

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



OPTIMIZATION OF NONUNIFORM PLANAR ARRAY GEOMETRY FOR DIRECTION OF ARRIVAL ESTIMATION ([Abstract](#))



Oguz Tanrikulu

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



REDUCED COMPLEXITY NLMS ALGORITHM FOR BLIND ADAPTIVE MULTIUSER DETECTION
([Abstract](#))

Letter-T

Menu



Bugra Tari

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Koç University, Turkey

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



PROGRESSIVE VIEW-DEPENDENT TRANSMISSION OF 3D MODELS OVER LOSSY NETWORKS
([Abstract](#))

Letter-T

Menu



Ozgur Tasdizen

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Sabanci University, Turkey

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



A HIGH PERFORMANCE AND LOW COST HARDWARE ARCHITECTURE FOR H.264 TRANSFORM AND QUANTIZATION ALGORITHMS ([Abstract](#))



Yosuke Tatekura

* ***Organization :***

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



BARGE-IN FREE SPOKEN DIALOGUE INTERFACE USING NULLSPACE-BASED SOUND FIELD CONTROL AND BEAMFORMING ([Abstract](#))

Letter-T

Menu



David B. H. Tay

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



IMAGE DENOISING USING OVER-COMPLETE WAVELET REPRESENTATIONS ([Abstract](#))



Alain Beudelairé Tchagang

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* *Paper(s) :*



ROBUST BICLUSTERING ALGORITHM (ROBA) FOR DNA MICROARRAY DATA ANALYSIS ([Abstract](#))



Anastasios Tefas

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



LINEAR DISCRIMINANT FEATURE SELECTION TECHNIQUES IN ELASTIC GRAPH MATCHING
([Abstract](#))

Letter-T

Menu



A. Murat Tekalp

* *Organization :*

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* *Paper(s) :*

 FAST MULTI-FRAME REFERENCE VIDEO ENCODING WITH KEY FRAMES ([Abstract](#))

 LIP FEATURE EXTRACTION BASED ON AUDIO-VISUAL CORRELATION ([Abstract](#))

 OPTIMAL BIT ALLOCATION IN SCALABLE MULTIPLE DESCRIPTION VIDEO CODING FOR PACKET LOSS RESILIENCE ([Abstract](#))

 A RECEIVER-DRIVEN MULTICASTING FRAMEWORK FOR 3DTV TRANSMISSION ([Abstract](#))



A. Murat Tekalp

* *Organization :*

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* *Paper(s) :*



A CROSS-LAYER APPROACH FOR MINIMUM DELAY CONTENT ADAPTIVE VIDEO STREAMING OVER VARIABLE BITRATE CHANNELS ([Abstract](#))



Ziya Telatar

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Ankara University, Turkey

* **Paper(s) :**

 AUTOMATIC SLEEP SPINDLE DETECTION AND LOCALIZATION ALGORITHM ([Abstract](#))

 DESIGN AND IMPLEMENTATION OF A PROGRAMMABLE APNEA MONITORING SYSTEM ([Abstract](#))

Letter-T

Menu



Eric Tell

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A PROGRAMMABLE SIMD-BASED MULTI-STANDARD RAKE RECEIVER ARCHITECTURE ([Abstract](#))

Letter-T

Menu



Alptekin Temizel

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WAVELET DOMAIN IMAGE RESOLUTION ENHANCEMENT USING CYCLE SPINNING AND EDGE MODELLING ([Abstract](#))



Ahmed H. Tewfik

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



ENHANCED POSITION LOCATION WITH UWB IN OBSTRUCTED LOS AND NLOS MULTIPATH ENVIRONMENTS ([Abstract](#))



EDGE ADAPTED WAVELET TRANSFORM FOR IMAGE COMPRESSION ([Abstract](#))



ROBUST BICLUSTERING ALGORITHM (ROBA) FOR DNA MICROARRAY DATA ANALYSIS ([Abstract](#))



HANDLING UPDATES OF A BIOLOGICAL SEQUENCE BASED ON HIDDEN MARKOV MODELS ([Abstract](#))



Thayananthan Thayaparan

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IMPROVEMENT OF THE FAST MOVING TARGETS PRESENTATION IN ISAR BY USING THE S-METHOD ([Abstract](#))



ALGORITHM FOR SIGNAL DECOMPOSITION BY USING THE S-METHOD ([Abstract](#))



Fabian Joachim Theis

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FIRST RESULTS ON UNIQUENESS OF SPARSE NON-NEGATIVE MATRIX FACTORIZATION
([Abstract](#))



MULTIDIMENSIONAL INDEPENDENT COMPONENT ANALYSIS USING CHARACTERISTIC
FUNCTIONS ([Abstract](#))



SPATIOTEMPORAL BLIND SOURCE SEPARATION USING DOUBLE-SIDED APPROXIMATE JOINT
DIAGONALIZATION ([Abstract](#))



Sergios Theodoridis

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SUPPORT VECTOR MACHINE (SVM) CLASSIFICATION THROUGH GEOMETRY ([Abstract](#))



MELODY SPOTTING IN RAW AUDIO RECORDINGS USING VARIABLE DURATION HIDDEN MARKOV MODELS ([Abstract](#))



Charles Therrien

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MULTIRATE LINEAR PREDICTION ([Abstract](#))



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SYPOLE: A MOBILE ASSISTANT FOR THE BLIND ([Abstract](#))

Letter-T

Menu



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 AUDIO-VISUAL SPEECH RECOGNITION WITH A HYBRID SVM-HMM SYSTEM ([Abstract](#))

 COMBINING SVMs FOR FACE CLASS MODELING ([Abstract](#))

 A MULTIMODAL APPROACH TO EXTRACT OPTIMIZED AUDIO FEATURES FOR SPEAKER DETECTION ([Abstract](#))

 IMPACT OF SAMPLE SIZES ON INFORMATION THEORETIC MEASURES FOR AUDIO-VISUAL SIGNAL PROCESSING ([Abstract](#))

Letter-T

Menu



Dong Tian

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WHERE TO SPEND THE BITS? EFFICIENCY OF SOURCE AND CHANNEL CODING IN MBMS
([Abstract](#))



Marius Tico

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CONSTRAINT TRANSLATIONAL AND ROTATIONAL MOTION FILTERING FOR VIDEO STABILIZATION
([Abstract](#))

Letter-T

Menu



Massimo Tistarelli

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MEASURING DIFFERENCES BETWEEN FACES ([Abstract](#))



Orlando Tobias

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

 FULLY AND PARTIALLY INTERPOLATED ADAPTIVE VOLTERRA FILTERS ([Abstract](#))

 STOCHASTIC MODELLING OF THE TRANSFORM DOMAIN EPSILON-LMS ALGORITHM FOR A TIME-VARYING ENVIRONMENT ([Abstract](#))



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IMAGE COMPRESSION IN A MULTI-CAMERA SYSTEM BASED ON A DISTRIBUTED SOURCE CODING APPROACH ([Abstract](#))

Letter-T

Menu



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THE MEXICAN HAT WAVELET FAMILY. APPLICATION TO POINT SOURCE DETECTION IN COSMIC MICROWAVE BACKGROUND ([Abstract](#))



Cenk Toker

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



ORTHOGONALIZATION OF QUASI-ORTHOGONAL SPACE-TIME BLOCK CODES IN MULTIPATH FADING ENVIRONMENTS BY USING FEEDBACK ([Abstract](#))

Letter-T

Menu



Engin Tola

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SOLVING FUNDAMENTAL MATRIX FOR UNCALIBRATED SCENE RECONSTRUCTION ([Abstract](#))



Hiromi Tomii

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



VIDEO WATERMARKING FOR DIGITAL CINEMA CONTENTS ([Abstract](#))

Letter-T

Menu



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NETWORK ADAPTIVE RATE CONTROL FOR TRANSCODER ([Abstract](#))



H.264 FAST INTRA-PREDICTION MODE DECISION BASED ON FREQUENCY CHARACTERISTIC ([Abstract](#))



Anna Tonazzini

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BAYESIAN MRF-BASED BLIND SOURCE SEPARATION OF CONVOLUTIVE MIXTURES OF IMAGES
([Abstract](#))

Letter-T

Menu



Clive Cheong Took

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INCORPORATING FREQUENCY WARPING INTO SPARSE COMPONENT ANALYSIS ([Abstract](#))



Navid Toosizadeh

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



DESIGN AND IMPLEMENTATION OF A NEW PERSIAN DIGITS OCR ALGORITHM ON FPGA CHIPS
([Abstract](#))

Letter-T

Menu



Emre Topak

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



ACHIEVABLE RATE ANALYSIS OF GEOMETRICALLY ROBUST DATA-HIDING CODES IN ASYMPTOTIC SET-UPS ([Abstract](#))

Letter-T

Menu



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SOLVING FUNDAMENTAL MATRIX FOR UNCALIBRATED SCENE RECONSTRUCTION ([Abstract](#))



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



Levent Tosun

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



DYNAMICALLY ADDING REDUNDANCY FOR IMPROVED ERROR CONCEALMENT IN PACKET VOICE CODING ([Abstract](#))

Letter-T

Menu



Sara Tressens

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



SET THEORETIC ADAPTIVE FILTERING: USING PERIODOGRAM AND PROJECTIONS ONTO CONVEX SETS. ([Abstract](#))

Letter-T

Menu



Antonio Trindade

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



BLIND SYNCHRONIZATION IN MULTIUSER TRANSMIT-REFERENCE UWB SYSTEMS ([Abstract](#))

Letter-T

Menu



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



H. Joel Trussell

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



REDUCING NON-ZERO COEFFICIENTS IN FIR FILTER DESIGN USING POCS ([Abstract](#))



CHARACTERIZATION, ESTIMATION AND DETECTION OF NETWORK APPLICATION TRAFFIC ([Abstract](#))



USING SPEECH PROCESSING METHODS TO MODEL BLOOD FLOW ([Abstract](#))



George Tsihrintzis

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



EVALUATION OF THE DISCRIMINATION POWER OF FEATURES EXTRACTED FROM 2-D AND 3-D FACIAL IMAGES FOR FACIAL EXPRESSION ANALYSIS ([Abstract](#))



Andreas Tsirikos

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100% OPERATIONAL EFFICIENT BIT-SERIAL PROGRAMMABLE FIR DIGITAL FILTERS ([Abstract](#))



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H.264 FAST INTRA-PREDICTION MODE DECISION BASED ON FREQUENCY CHARACTERISTIC
([Abstract](#))

Letter-T

Menu



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AN EFFICIENT VIDEO RENDERING SYSTEM FOR REAL-TIME ADAPTIVE PLAYOUT BASED ON PHYSICAL MOTION FIELD ESTIMATION ([Abstract](#))



IMAGE COMPRESSION IN A MULTI-CAMERA SYSTEM BASED ON A DISTRIBUTED SOURCE CODING APPROACH ([Abstract](#))



AN INTEGRATED SYSTEM FOR THE AUTOMATIC BLOCK-WISE SYNTHESIS OF SOUNDS ([Abstract](#))



ACCURATE DEPTH-MAP ESTIMATION FOR 3D FACE MODELING ([Abstract](#))



T. Engin Tuncer

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BLOCK-BASED RECONSTRUCTION OF SIGNALS FROM NONUNIFORM SAMPLES ([Abstract](#))



BLIND CHANNEL IDENTIFICATION WITH FRAME LENGTH AND OFFSET ESTIMATION ([Abstract](#))



MSE OPTIMUM ZONE AND MULTI-ZONE FILTERING ([Abstract](#))



Srbijanka Turajlic

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ADAPTIVE MICROPHONE ARRAY BASED ON MAXIMUM LIKELIHOOD CRITERION ([Abstract](#))



Pawel Turcza

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NAVIGATION SYSTEM FOR BRONCHOFIBEROSCOPIC PROCEDURES BASED ON IMAGE REGISTRATION WITH SCALE ADAPTIVE IMAGE SIMILARITY MEASURE ([Abstract](#))

Letter-T

Menu



Umit Cigdem Turhal

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



FACE RECOGNITION USING COMMON MATRIX APPROACH ([Abstract](#))

Letter-T

Menu



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* **Paper(s) :**



DONOR SELECTION FOR VOICE CONVERSION ([Abstract](#))



SOFTWARE TOOLS FOR SPEECH THERAPY AND VOICE QUALITY MONITORING ([Abstract](#))

Letter-T

Menu



Pim Tuyls

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SECURE BIOMETRICS ([Abstract](#))

Letter-T

Menu



Tomasz Twardowski

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OPTIMUM SPECTRAL SHAPING FOR DISCRETE MULTITONE DEMODULATION ([Abstract](#))

Letter-T

Menu



George Tziritas

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



SPATIOTEMPORAL INFORMATION FUSION FOR HUMAN ACTION RECOGNITION IN VIDEOS
([Abstract](#))



REGION-LEVEL MOVING OBJECT SEGMENTATION BY GRAPH LABELING ([Abstract](#))



Dimitrios Tzovaras

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CANE SIMULATION FOR THE BLIND ([Abstract](#))



OBJECT RECOGNITION FOR THE BLIND ([Abstract](#))



TEXT-TO-SIGN LANGUAGE SYNTHESIS TOOL ([Abstract](#))



B. Ugur Töreyn

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* *Paper(s) :*



WAVELET BASED REAL-TIME SMOKE DETECTION IN VIDEO ([Abstract](#))