## **Table of Contents**

Ontology-Based Modelling of Sensor and Data Processing Ressources Using OWL  Denis Smirnov and Peter Stutz	1
Selecting Adequate Aerial Perceptual Functions with Fuzzy Logic  Christian Hellert and Peter Stutz	8
Local Edge/Corner Feature Integration for Illumination Invariant Face Recognition  Almabrok Essa and Vijayan Asari	13
Approximating Imprecise Planar Tesselations with Voronoi Diagrams Narciso Javier Aguilera Centeno, Belen Palop del Rio, and Hebert Perez-Roses	19
Incremental Reconstruction of Moving Object Trajectory  Muhammad Majid Afzal, Karim Ouazzane, Vassil Vassilev, and Yogesh Patel	24
A Fast Audiovisual Attention Model for Human Detection and Localization on a Companion Robot Remi Ratajczak, Denis Pellerin, Catherine Garbay, and Quentin Labourey	30
A Method of Object Identification Based on Sea Image Processing  Jing Zhang, Shaoyan Rao, and Tianchi Zhang	36
Visual Public Protection Disaster Relief and Critical Infrastructure  Aurel Machalek, Dominc Dunlop, Carlo Simon, and Ralf Hoben	41
Full Incremental Learning for Along Classification of Textual Images  Vincent Poulain d'Andecy, Aurelie Joseph, and Saddok Kebairi	45
Enhanced Hash-based Intra Block Copy for HEVC Screen Content Coding using Sucessive Elimination Algorithm  *Ilseung Kim and Jechang Jeong**	50
Research on Optimization Technology of Three Dimensional Model  Jing Zhang, Bowen Li, and Tianchi Zhang	55