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Education Information

Doctorate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Elektrik-Elektronik Mühendisliği (Dr), Turkey 2014 - Continues

Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty of Engineering, Elektrik-Elektronik Mühendisliği Bölümü, 2011 - Continues

Refereed Congress / Symposium Publications in Proceedings

I. **BLIND DEINTERLEAVING OF SIGNALS IN TIME SERIES WITH SELF-ATTENTION BASED SOFT MIN-COST FLOW LEARNING**
CAN O., GÜRBÜZ Y. Z., Yildirim B., ALATAN A. A.
IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP), ELECTR NETWORK, 6 - 11 June 2021, pp.3295-3299

II. **A NOVEL BOVW MIMICKING END-TO-END TRAINABLE CNN CLASSIFICATION FRAMEWORK USING OPTIMAL TRANSPORT THEORY**
GÜRBÜZ Y. Z., Alatan A. A.
26th IEEE International Conference on Image Processing (ICIP), Taipei, Taiwan, 22 - 25 September 2019, pp.3053-3057

III. **Roadesic Distance: Flow-Aware Tracklet Association Cost for Wide Area Surveillance**
GÜRBÜZ Y. Z., CAN O., ALATAN A. A.
IEEE International Conference on Image Processing, Pekin, China, 17 - 20 September 2017

IV. **Association Cost Enforcing Spatial Consistency for Tracklet Merging**
GÜRBÜZ Y. Z., Can O., ALATAN A. A.
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017

V. **AUTOMATIC ROAD DETECTION FROM GRAY LEVEL IMAGES IN WIDE AREA SURVEILLANCE**
OĞUL C., GÜRBÜZ Y. Z., ALATAN A. A.
International Geoscience and Remote Sensing Symposium (IGARSS) 2016, 10 - 17 July 2016

VI. **Sparse recursive filtering for O 1 stereo matching**
GÜRBÜZ Y. Z., Çığla C., ALATAN A. A.
International Conference on Image Processing, 27 - 30 September 2015

VII. **Inshore Ship Detection in Multispectral Satellite Images**

Besbinar B., Gurbuz Y. Z., Alatan A. A.

23nd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.2029-2032

VIII. **Sparse Recursive Cost Aggregation Towards O(1) Complexity Local Stereo Matching**

GÜRBÜZ Y. Z., ALATAN A. A., Cigla C.

23nd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.2290-2293

IX. **Tubularity Tracking Based Automatic Road Detection from Sattelite Images**

GÜRBÜZ Y. Z., ALATAN A. A.

22nd IEEE Signal Processing and Communications Applications Conference (SIU), Trabzon, Turkey, 23 - 25 April 2014, pp.2190-2193

X. **Video Mosaicing of Planer Scenes using Extended Kalman Filter**

Bati E., GÜRBÜZ Y. Z., ALATAN A. A.

21st Signal Processing and Communications Applications Conference (SIU), CYPRUS, 24 - 26 April 2013

XI. **Region of Interest Detection Based Fast and Robust Geo-Spatial Object Recognition**

GÜRBÜZ Y. Z., ALATAN A. A.

21st Signal Processing and Communications Applications Conference (SIU), CYPRUS, 24 - 26 April 2013

Metrics

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