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Education Information

Doctorate, Kocaeli University, Mühendislik Fakültesi, Elektronik Ve Haberleşme Mühendisliği Bölümü, Turkey 2015 - 2019

Postgraduate, Izmir Institute Of Technology, Fen Fakültesi, Matematik Bölümü, Turkey 2005 - 2008

Undergraduate, Dokuz Eylul University, Fen Ve Edebiyat Fakültesi, Turkey 2000 - 2005

Dissertations

Doctorate, HİPERSPEKTRAL VERİLER İÇİN KAYNAŞTIRMA İLE UZAMSAL ÇÖZÜNÜRLÜK ARTIRIMI, Kocaeli University, Mühendislik Fakültesi, Elektronik Ve Haberleşme Mühendisliği Bölümü, 2019

Postgraduate, Probability theory applications on time scales, Izmir Institute Of Technology, Fen Fakültesi, Matematik Bölümü, 2008

Academic and Administrative Experience

Istanbul Gelisim University, 2019 - 2020

Courses

DEVRE ANALİZİ II, Undergraduate, 2019 - 2020

SİNYALLER VE SİSTEMLER, Undergraduate, 2020 - 2021

DEVRE ANALİZİ I, Undergraduate, 2019 - 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- A comprehensive review of hyperspectral data fusion with lidar and sar data**
Kahraman S., Bacher R.
Annual Reviews in Control, vol.51, pp.236-253, 2021 (SCI-Expanded)

Articles Published in Other Journals

- LiDAR-tabanlı Toplam Değişinti kısıtlı negatif-olmayan tensör faktörizasyonu ile hiperspektral**

karışım giderimi

ATAŞ K., KAYA A., KAHRAMAN S.

PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSİTESİ MUHENDİSLİK BİLİMLERİ DERGİSİ, vol.29, no.1, pp.1-9, 2023 (Peer-Reviewed Journal)

II. LiDAR-aided Spectral Variability Decreasing in Hyperspectral Imagery Based on an Automated Waveband Selection Approach

KAHRAMAN S.

Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, vol.35, no.4, pp.983-991, 2020 (Peer-Reviewed Journal)

III. LiDAR Verisi Yardımıyla Otomatik Dalga Boyu Bandı Yaklaşımı Kullanılarak Hiperspektral Görüntülerde Spektral Değişkenliğin Azaltılması

KAHRAMAN S.

Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, vol.35, no.4, pp.983-991, 2020 (Peer-Reviewed Journal)

IV. Review and Performance Comparison of Pansharpening Algorithms for RASAT Images

KAHRAMAN S., ERTÜRK A.

ISTANBUL UNIVERSITY - JOURNAL OF ELECTRICAL AND ELECTRONICS ENGINEERING, vol.18, no.1, pp.109-120, 2018 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. LIDAR-AIDED TOTAL VARIATION REGULARIZED NONNEGATIVE TENSOR FACTORIZATION FOR HYPERSPECTRAL UNMIXING

Kaya A., Atas K., Kahraman S.

2021 IEEE International Geoscience and Remote Sensing Symposium, IGARSS 2021, Brussels, Belgium, 12 - 16 July 2021, vol.2021-July, pp.5063-5066

II. LiDAR-GUIDED REDUCTION OF SPECTRAL VARIABILITY IN HYPERSPECTRAL IMAGERY

KAHRAMAN S., BACHER R., TATSUMI U., CHANUSSOT J., TANGEL A.

2019 10th Workshop on Hyperspectral Imaging and Signal Processing: Evolution in Remote Sensing (WHISPERS), Amsterdam, Netherlands, 24 - 26 September 2019

III. LiDAR Data-Aided Hypergraph Regularized Multi-Modal Unmixing

KAHRAMAN S., XU Y., CHANUSSOT J., TANGEL A.

IGARSS-2019 - 2019 IEEE International Geoscience and Remote Sensing Symposium, Yokohama, Japan, 28 July - 02 August 2019

IV. Graph Regularized L1/2-Sparsity Constrained Non-Negative Matrix Factorization for Hyperspectral and Multispectral Image Fusion

KAHRAMAN S., ERTÜRK A., ERTÜRK S.

2018 9th Workshop on Hyperspectral Image and Signal Processing: Evolution in Remote Sensing (WHISPERS), Amsterdam, Netherlands, 23 September 2018

V. Performance analysis of pansharpening approaches on GÖKTÜRK-2 satellite images

KAHRAMAN S., ERTÜRK A.

2018 26th Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 02 May 2018

VI. Block-Based and Segmentation-Based Approaches for Component Substitution based Hyperspectral Pansharpening

KAHRAMAN S., ERTÜRK A.

IGARSS 2018 - 2018 IEEE International Geoscience and Remote Sensing Symposium, Valencia, Spain, 22 - 27 July 2018, vol.2018, pp.8054

VII. A COMPREHENSIVE REVIEW OF PANSHARPENING ALGORITHMS FOR GÖKTÜRK-2 SATELLITE IMAGES.

KAHRAMAN S., ERTÜRK A.

2017 - ISPRS Annals of Photogrammetry, Remote Sensing & Spatial Information Sciences, Karabük, Turkey, 14

October 2017

VIII. Performance analysis of pansharpening algorithms for RASAT images

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2017 25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 May 2017