

Prof. BEKİR DİZDAROĞLU

Personal Information

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International Researcher IDs

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Biography

Bekir Dizdaroglu received his B.S., M.S., and Ph.D. degrees from Department of Electrical - Electronics Engineering, Karadeniz Technical University (KTU), Trabzon, Turkey, in 1994, 1998, and 2007, respectively. He is currently an Assistant Professor at Department of Computer Engineering, KTU, Trabzon, Turkey. His research interests include image inpainting, colorization and editing, fuzzy and wavelet-based image denoising, old motion picture restoration, and medical image processing based on PDEs.

Education Information

Post Doctorate, Northeastern University, College Of Engineering, Department Of Electrical And Computer Engineering, United States Of America 2011 - 2012

Doctorate, Karadeniz Technical University, Fen Bilimleri, Elektrik-Elektronik Mühendisliği, Turkey 1998 - 2007

Postgraduate, Karadeniz Technical University, Fen Bilimleri, Elektrik-Elektronik Mühendisliği, Turkey 1994 - 1998

Undergraduate, Karadeniz Technical University, Mühendislik-Mimarlık Fakültesi, Elektrik-Elektronik Mühendisliği, Turkey 1990 - 1994

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Vocational Training, İngilizce Medikal Sunum ve Tartışma Becerileri Eğitimi , Karadeniz Teknik Üniversitesi, 2019

Vocational Training, Akademik Düzeyde Bilimsel Araştırma Projesi Hazırlama, Karadeniz Teknik Üniversitesi, 2019

Occupational Health and Safety, İş Sağlığı ve Güvenliği, Karadeniz Teknik Üniversitesi, 2019

Education Management and Planning, MÜDEK Eğitim Çalıştayı, Mühendislik Eğitim Programları Değerlendirme ve Akreditasyon Derneği, Ankara, 2010

Foreign Language, İngilizce Dil Kursu, Kaplan Test Prep. , Boston MA USA, 2010

Dissertations

Dissertations

Doctorate, Eski Renkli Filmlerdeki Bozuklukları Algılama ve Onarmada Karma Bir Yaklaşım Modeli, Karadeniz Technical University, Fen Bilimleri, Elektrik-Elektronik Mühendisliği, 2007

Postgraduate, Örneklenmiş İşaret İçin Bulanık Mantığa Bağlı Aradeğerleme Algoritması, Karadeniz Technical University, Fen Bilimleri, Elektrik-Elektronik Mühendisliği, 1998

Research Areas

Signal Processing, Image and Video Processing, Computer Sciences, Computer Vision, Software, Programming Languages, Biomedical Engineering, Biomedical Image Processing, Mathematics, Differential Equations, Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Professor, Karadeniz Technical University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2024 - Continues

Associate Professor, Karadeniz Technical University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2018 - 2024

Assistant Professor, Karadeniz Technical University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2007 - 2018

Lecturer, Karadeniz Technical University, Beşikdüzü Meslek Yüksekokulu, Bilgisayar Teknojileri, 1996 - 2007

Academic and Administrative Experience

Deputy Head of Department, Karadeniz Technical University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2019 - Continues

Courses

Sinyaller ve Sistemler, Undergraduate, 2023 - 2024

Bilimsel Hesaplama, Postgraduate, 2015 - 2016

Tıbbi Görüntüleme Sistemleri, Undergraduate, 2015 - 2016

Elektrik Devreleri, Undergraduate, 2015 - 2016

Windows Programlama, Undergraduate, 2015 - 2016

İmge ve Video İşleme İçin Matematiksel Modeller, Doctorate, 2014 - 2015

Advising Theses

Dizdaroğlu B., Sürücü Destek Sistemleri İçin Yeni Yol ve İşaret Tanıma Yöntemleri, Doctorate, G.Yıldız(Student), 2024

Dizdaroğlu B., DÜZENLİLEŞTİRME YÖNTEMLERİNİN BİLGİSAYARLI TOMOGRAFİ GÖRÜNTÜLERİNE UYGULANMASI, Postgraduate, C.ALKAN(Student), 2024

Dizdaroğlu B., Odak Tabanlı Konvolüsyonel Sinir Ağları ile Gauss Gürültüsünün Giderilmesi, Doctorate, A.ULU(Student), 2024

Dizdaroğlu B., Blotch restoration in archive videos with extraction of spatiotemporal features, Doctorate, Y.Aydın(Student), 2020

Dizdaroğlu B., Thesis, Postgraduate, S.Özdemir(Student), 2018

Dizdaroğlu B., Thesis, Postgraduate, A.Ulu(Student), 2018

Dizdaroğlu B., Thesis, Postgraduate, H.Özkaya(Student), 2018

Jury Memberships

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Karadeniz Teknik Üniversitesi, June, 2023
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Karadeniz Teknik Üniversitesi, June, 2023
Academic Staff Examination, Academic Staff Examination, Karadeniz Teknik Üniversitesi, September, 2022
Post Graduate, Post Graduate, Karadeniz Teknik Üniversitesi, September, 2022
Competition, Sağlıkta Yapay Zeka Yarışması, TEKNOFEST AEROSPACE AND TECHNOLOGY FESTIVAL, August, 2022
Doctorate, Doctorate, Karadeniz Teknik Üniversitesi, March, 2022
Post Graduate, Post Graduate, Karadeniz Teknik Üniversitesi, February, 2022
Competition, Sağlıkta Yapay Zeka Yarışması, TEKNOFEST AEROSPACE AND TECHNOLOGY FESTIVAL, September, 2021
Post Graduate, Post Graduate, Karadeniz Teknik Üniversitesi, July, 2021
Academic Staff Examination, Academic Staff Examination, Karadeniz Teknik Üniversitesi, November, 2020
Academic Staff Examination, Academic Staff Examination, Karadeniz Teknik Üniversitesi, November, 2020
Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Erzincan Binali Yıldırım Üniversitesi, November, 2020
Doctorate, Doctorate, Karadeniz Teknik Üniversitesi, September, 2020
Competition, Sürü İHA Simülasyon , TEKNOFEST AEROSPACE AND TECHNOLOGY FESTIVAL, September, 2020
Post Graduate, Post Graduate, Karadeniz Teknik Üniversitesi, December, 2019
Competition, Sürü İHA Simülasyon, TEKNOFEST AEROSPACE AND TECHNOLOGY FESTIVAL, September, 2019
Post Graduate, Post Graduate, Karadeniz Teknik Üniversitesi, May, 2019
Doctorate, Doctorate, Karadeniz Teknik Üniversitesi, July, 2018
Post Graduate, Post Graduate, Karadeniz Teknik Üniversitesi, July, 2018
Doctorate, Doctorate, Karadeniz Teknik Üniversitesi, May, 2018
Doctorate, Doctorate, Karadeniz Teknik Üniversitesi, January, 2018
Academic Staff Examination, Eğitim Fakültesi BÖTEB'e Araştırma Görevlisi Alımı Sınavı, Giresun Üniversitesi, January, 2011

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **MLFAN: Multilevel Feature Attention Network With Texture Prior for Image Denoising**
ULU A., Yıldız G., DİZDAROĞLU B.
IEEE ACCESS, vol.11, pp.34260-34273, 2023 (SCI-Expanded)
- II. **Hybrid Image Improving and CNN (HIICNN) Stacking Ensemble Method for Traffic Sign Recognition**
Yıldız G., Ulu A., Dizdaroglu B., Yıldız D.
IEEE ACCESS, vol.11, pp.69536-69552, 2023 (SCI-Expanded)
- III. **Blotch Detection in Archive Films Based on Visual Saliency Map**
AYDIN Y., DİZDAROĞLU B.
COMPLEXITY, vol.2020, 2020 (SCI-Expanded)
- IV. **Gradient domain photomontage via interactive object selection**
DİZDAROĞLU B.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.26, no.3, pp.1291-1301, 2018 (SCI-Expanded)
- V. **Structure-based level set method for automatic retinal vasculature segmentation**
DİZDAROĞLU B., Ataer-Cansizoglu E., Kalpathy-Cramer J., KECK K., CHIANG M. F., Erdogmus D.
EURASIP JOURNAL ON IMAGE AND VIDEO PROCESSING, 2014 (SCI-Expanded)
- VI. **An improved method for color image editing**
DİZDAROĞLU B., İkibaş C.
EURASIP JOURNAL ON ADVANCES IN SIGNAL PROCESSING, vol.2011, pp.1-19, 2011 (SCI-Expanded)
- VII. **An Image Completion Method Using Decomposition**
Dizdaroglu B.

EURASIP JOURNAL ON ADVANCES IN SIGNAL PROCESSING, 2011 (SCI-Expanded)

VIII. **A Spatiotemporal Algorithm for Detection and Restoration of Defects in Old Color Films**

DİZDAROĞLU B., GANGAL A.

LECTURE NOTES IN COMPUTER SCIENCE, vol.4678, pp.509-520, 2007 (SCI-Expanded)

IX. **Automatic restoration of old motion picture films using spatiotemporal exemplar-based inpainting**

Gangal A., Dizdaroglu B.

ADVANCED CONCEPTS FOR INTELLIGENT VISION SYSTEMS, PROCEEDINGS, vol.4179, pp.55-66, 2006 (SCI-Expanded)

X. **An improved motion-compensated restoration method for damaged color motion picture films**

GANGAL A., KAYIKCIOGLU T., Dizdaroglu B.

SIGNAL PROCESSING-IMAGE COMMUNICATION, vol.19, no.4, pp.353-368, 2004 (SCI-Expanded)

Articles Published in Other Journals

I. **Karmaşık Yayınım İmge Gürültü Azaltma**

Dizdaroğlu B.

Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.34, no.1, pp.43-55, 2018 (Peer-Reviewed Journal)

II. **Renkli İmgelerde Çoklu Gürültü Giderme İşlemi İçin İki Aşamalı Bir Yöntem Geliştirilmesi**

Ulu A., Özen Y., Öztürk E., Dizdaroğlu B.

International Journal of 3D Printing Technologies and Digital Industry, vol.2, no.3, pp.22-29, 2018 (Peer-Reviewed Journal)

Books & Book Chapters

I. **Deep Learning-Based Traffic Light Classification with Model Parameter Selection**

Yıldız G., Dizdaroğlu B., Yıldız D.

in: 4th International Conference on Artificial Intelligence and Applied Mathematics in Engineering, D. Jude Hemanth, Tuncay Yigit, Utku Kose, Ugur Guvenc, Editor, Springer Nature, Zug, pp.197-217, 2023

II. **Image Denoising with Transformers: A Survey**

ULU A., KARAKAYA A., DİZDAROĞLU B.

in: Smart Solutions with Software, Eyyüp GÜLBANDILAR, Editor, BIDGE Publications, Ankara, pp.86-101, 2023

III. **Eski Renkli Filmlerdeki Bozuklukları Onarmada Karma Bir Yaklaşım**

DİZDAROĞLU B.

Türkiye Alim Kitapları, Saarbrücken, 2015

Refereed Congress / Symposium Publications in Proceedings

I. **Image Denoising with Transformers: A Survey**

Ulu A., Karakaya A., Dizdaroğlu B.

3 th International Congress on Multidisciplinary Natural Sciences and Engineering , Ankara, Turkey, 7 - 08 December 2023, pp.30

II. **Image Denoising via Multiscale Feature Extraction and Triplet Attention based CNN**

Ulu A., Dizdaroğlu B.

14th INTERNATIONAL CONFERENCE on ELECTRICAL and ELECTRONICS ENGINEERING, Bursa, Turkey, 30 November - 02 December 2023, pp.1-4

III. **Detection of Thoracic Disease in Chest X-Ray Images Using Lightweight Convolutional Models**

Dizdaroğlu B., Kul A.

2023 Medical Technologies Congress, TIPTEKNO'23, Gazimagusa, Cyprus (Kktc), 10 - 12 November 2023, pp.259-

- IV. Deep Learning-based Traffic Light Classification With Hyperparameter Selection**
Yıldız G., Dizdaroğlu B., Yıldız D.
International Conference on Artificial Intelligence and Applied Mathematics in Engineering 2022 , Baku, Azerbaijan, 20 - 22 May 2022, pp.157
- V. Deblurring in Color Images Using General Tikhonov Method Based on FFT Algorithm FFT**
Algoritmasına Bağlı Genel Tikhonov Yöntemini Kullanarak Renkli Görüntülerde Bulanıklık Giderme
Dizdaroğlu B., Ozdemir C. A.
30th Signal Processing and Communications Applications Conference, SIU 2022, Safranbolu, Turkey, 15 - 18 May 2022
- VI. Convolutional Neural Network for Traffic Sign Recognition based on Color Space**
Yıldız G., Dizdaroğlu B.
II. International Informatics and Software Engineering Conference, Ankara, Turkey, 16 - 17 November 2021, pp.1-5
- VII. Traffic Sign Recognition via Transfer Learning using Convolutional Neural Network Models**
Yıldız G., Dizdaroğlu B.
THE 28th IEEE CONFERENCE ON SIGNAL PROCESSING AND COMMUNICATIONS APPLICATIONS, Gaziantep, Turkey, 5 - 07 October 2020, pp.1-4
- VIII. Traffic Sign Detection via Color And Shape-Based Approach**
Yıldız G., Dizdaroğlu B.
UBMYK 2019, Ankara, Turkey, 6 - 07 November 2019, pp.1-5
- IX. Blotch Inpainting Based On Sift Feature Extraction in Old Films**
AYDIN Y., DİZDAROĞLU B.
11th International Conference on Electrical and Electronics Engineering (ELECO), Bursa, Turkey, 28 - 30 November 2019, pp.570-574
- X. Deep Diagnosis of Non-Proliferative Diabetic Retinopathy in a Mobile System**
DİZDAROĞLU B., Corbacioglu B.
Medical Technologies Congress (TIPTEKNO), İzmir, Turkey, 3 - 05 October 2019, pp.41-44
- XI. İmge Gürültü Azaltma Algoritmaları için Bir Derleme**
Ulu A., Öztürk E., Dizdaroğlu B.
International Artvin Symposium'18 (IAS'18), Artvin, Turkey, 18 - 20 October 2018, pp.79
- XII. Veri Tipinin Mobil Cihazlarda Dokunma Dinamiği Tabanlı Kimlik Doğrulama için Etkisi**
Ulu A., Öztürk E., Dizdaroğlu B.
International Artvin Symposium'18 (IAS'18), Artvin, Turkey, 18 - 20 October 2018, pp.1046-1054
- XIII. Yerel Öznitelik Çıkarımı ile Görüntü İçboyama**
Aydın Y., DİZDAROĞLU B.
26. IEEE SİNYAL İŞLEME ve İLETİŞİM UYGULAMALARI KURULTAYI, İzmir, Turkey, 2 - 05 May 2018, pp.1-4
- XIV. A New Hybrid Approach with Perona-Malik Improvement for Multi-focus Image Fusion**
Aymaz S., DİZDAROĞLU B., KÖSE C., AYMAZ Ş.
International Conference on Artificial Intelligence and Data Processing (IDAP), Malatya, Turkey, 28 - 30 September 2018
- XV. Colorization of Ultrasound Images via Gradient-Based Method**
Akkaya M., DİZDAROĞLU B.
Medical Technologies National Congress (TIPTEKNO), Magusa, CYPRUS, 8 - 10 November 2018
- XVI. Image Inpainting with Local Feature Extraction**
AYDIN Y., DİZDAROĞLU B.
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- XVII. Gaussian noise removal via heat equation**
Özer G., DİZDAROĞLU B.
COSTAS2017, Samsun, Turkey, 9 - 11 November 2017, pp.1
- XVIII. Medical image segmentation with edge based level sets: Mobile client-server application**
AYDIN H., DİZDAROĞLU B.

2017 International Conference on Computer Science and Engineering (UBMK), Antalya, Turkey, 5 - 07 October 2017, pp.994-999

- XIX. **Automated removal of Gaussian noise in color images Renkli İmgelerde Gauss Gürültüsünün Otomatik Giderilmesi**
ULU A., Dizdaroğlu B.
25th Signal Processing and Communications Applications Conference, SIU 2017, Antalya, Turkey, 15 - 18 May 2017
- XX. **Mobile Based System for Diagnosis of Retinal Diseases**
Corbacioglu B., Kul B. A., DİZDAROĞLU B.
Medical Technologies National Congress (TIPTEKNO), Trabzon, Turkey, 12 - 14 October 2017
- XXI. **Automated Removal of Gaussian Noise in Color Images**
ULU A., DİZDAROĞLU B.
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017
- XXII. **Medical Image Segmentation with Edge Based Level Sets: Mobile Client Server Application**
AYDIN H., DİZDAROĞLU B.
2017 International Conference on Computer Science and Engineering (UBMK), Antalya, Turkey, 5 - 08 October 2017, pp.994-999
- XXIII. **Renkli İmgelerin Değişimsel Toplanırların Gürültüsünü Giderimi**
ULU A., DİZDAROĞLU B.
SIU 2016 IEEE 24. Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Zonguldak, Turkey, 16 - 19 May 2016, pp.1
- XXIV. **Yapı ve Doku Bileşenlerine Bağlı İmge İç Boyama**
Özkaya H., DİZDAROĞLU B.
SIU 2016 IEEE 24. Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Zonguldak, Turkey, 16 - 19 May 2016, pp.1
- XXV. **Image Inpainting Based on Structure and Texture Components**
Ozkaya H., DİZDAROĞLU B.
24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Turkey, 16 - 19 May 2016, pp.637-640
- XXVI. **Variational Additive Noise Removal of Color Images**
ULU A., DİZDAROĞLU B.
24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Turkey, 16 - 19 May 2016, pp.1385-1388
- XXVII. **Bulanık Girdili Poisson Tıbbi İmge Örgüleme**
Aktaş K., DİZDAROĞLU B.
BIYOMUT2015 19. Biyomedikal Mühendisliği Ulusal Kongresi, İstanbul, Turkey, 5 - 06 November 2015, pp.1
- XXVIII. **Düzyükümüleriyle Etkili Retinal Damar Bölütlemesi**
Güç M., DİZDAROĞLU B.
TIPTEKNO'15 Tıp Teknolojileri Ulusal Kongresi, Muğla, Turkey, 15 - 18 October 2015, pp.85-88
- XXIX. **Aktif Çevre Modeliyle Tıbbi İmge Bölütleme: İstemci-Sunucu İletişimine Bağlı Akıllı Telefon Uygulaması**
Has M., Kaplan A. B., DİZDAROĞLU B.
TIPTEKNO'15 Tıp Teknolojileri Ulusal Kongresi, Muğla, Turkey, 15 - 18 October 2015, pp.42-45
- XXX. **İstemci Sunucu Tabanlı Fotomontaj**
Damkhi M., Mohamed N. A., DİZDAROĞLU B.
SIU 2015 IEEE 23. Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Malatya, Turkey, 16 - 19 May 2015
- XXXI. **Hızlı Düzyükümü Yöntemine Bağlı Retinal Damar Bölütlemesi**
DİZDAROĞLU B.
SIU 2015 IEEE 23. Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Malatya, Turkey, 16 - 19 May 2015
- XXXII. **İlgün Dönüşümü Ayrışımıyla Nesne Normalize Etme**
DİZDAROĞLU B.
SIU 2015 IEEE 23. Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Malatya, Turkey, 16 - 19 May 2015, pp.1
- XXXIII. **İstemci-Sunucu Tabanlı Fotomontaj**
Damkhi M., Mohamed N. A., DİZDAROĞLU B.

- SIU 2015 IEEE 23. Sinyal Isleme ve İletişim Uygulamaları Kurultayı, Malatya, Turkey, 16 - 19 May 2015, pp.1
- XXXIV. **Medical Image Segmentation with Active Contour Model: Smartphone Application Based on Client-Server Communication**
Has M., Kaplan A. B., DİZDAROĞLU B.
Medical Technologies National Conference (TIPTEKNO), Bodrum, Turkey, 15 - 18 October 2015
- XXXV. **Client-Server Based Photomontage**
Damkhi M., Mohamed N. A., DİZDAROĞLU B.
23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.596-599
- XXXVI. **Retinal Vasculature Segmentation Based on Fast Level Set Method**
DİZDAROĞLU B.
23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.855-858
- XXXVII. **Object Normalization via Decomposition of Affine Transform**
DİZDAROĞLU B.
23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.859-862
- XXXVIII. **Poisson Medical Image Matting with Fuzzy Input**
Aktas K., DİZDAROĞLU B.
19th National Biomedical Engineering Meeting (BIYOMUT), İstanbul, Turkey, 5 - 06 November 2015
- XXXIX. **Efficient Retinal Vessel Segmentation with Level Sets**
Guc M., DİZDAROĞLU B.
Medical Technologies National Conference (TIPTEKNO), Bodrum, Turkey, 15 - 18 October 2015
- XL. **PDEs-Based Gaussian Noise Removal from Color Images**
ÖZDEMİR S., DİZDAROĞLU B.
9th International Conference on Electrical and Electronics Engineering (ELECO), Bursa, Turkey, 26 - 28 November 2015, pp.246-250
- XLI. **Yönbağımsız ve Yönbağımlı Gauss Süzgeçleme**
Yıldırım D., DİZDAROĞLU B.
ELECO 2014 ELEKTRİK - ELEKTRONİK, BİLGİSAYAR ve BİYOMEDİKAL MÜHENDİSLİĞİ SEMPOZYUMU, Bursa, Turkey, 27 - 29 November 2014, pp.1
- XLII. **Kenar Tabanlı Düzey Kümeleriyle Tıbbi İmge Bölütleme İçin Mobil Uygulama**
DİZDAROĞLU B., Kengil A., Topaloğlu B.
TIPTEKNO'14 Tıp Teknolojileri Ulusal Kongresi, Nevşehir, Turkey, 25 - 27 September 2014, pp.31-34
- XLIII. **Bölge Tabanlı Düzey Kümeleriyle Tıbbi İmge Bölütleme**
DİZDAROĞLU B.
TIPTEKNO'14 Tıp Teknolojileri Ulusal Kongresi, Nevşehir, Turkey, 25 - 27 September 2014, pp.235-238
- XLIV. **Kenar Tabanlı Düzey Kümeleriyle Otomatik Tıbbi İmge Bölütleme**
DİZDAROĞLU B.
TIPTEKNO'14 Tıp Teknolojileri Ulusal Kongresi, Nevşehir, Turkey, 25 - 27 September 2014, pp.27-30
- XLV. **Önsel Bilgiyle El İmgelerinin Çevritini Bulma ve Temel Bileşenler Analiziyle Eli Yeniden Modelleme**
DİZDAROĞLU B., Bayrak E.
URSI-TÜRKİYE'2014 VII. Bilimsel Kongresi, Elazığ, Turkey, 28 - 30 August 2014
- XLVI. **Poisson Denklemini Kullanarak Mobil Tabanlı Fotomontaj**
DİZDAROĞLU B., Karaağaç E., Kaya M., Durak E., Ergün H., Sayılğan Y.
URSI-TÜRKİYE'2014 VII. Bilimsel Kongresi, Elazığ, Turkey, 28 - 30 August 2014, pp.103-105
- XLVII. **Önsel Bilgiyle El İmgelerinin Çevritini Bulma ve Temel Bileşenler Analiziyle Eli Yeniden Modelleme**
DİZDAROĞLU B., Bayrak E.
URSI-TÜRKİYE'2014 VII. Bilimsel Kongresi, Elazığ, Turkey, 28 - 30 August 2014, pp.106-108
- XLVIII. **Yönlendirilebilir Süzgeçlerin Karmaşık Çözümlemesi**
DİZDAROĞLU B.

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

XLIX. Düzey Kümelerini Kullanarak Renkli İmge Bölütleme

DİZDAROĞLU B.

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

L. Healed Photomontage via Poisson Equation

Dizdaroglu B.

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

LI. Color Image Segmentation Using Level Sets

Dizdaroglu B.

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

LII. Complex Analysis of Steerable Filters

Dizdaroglu B.

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

LIII. Level Sets for Retinal Vasculature Segmentation Using Seeds from Ridges and Edges from Phase Maps

DİZDAROĞLU B., Ataer-Cansizoglu E., KALPATHY-CRAMER J., KECK K., CHIANG M. F., Erdogmus D.

22nd IEEE International Workshop on Machine Learning for Signal Processing (MLSP), Santander, Spain, 23 - 26 September 2012

LIV. Patch-Based Image Denoising in the Wavelet Domain

DİZDAROĞLU B.

The 2010 International Conference on Image Processing, Computer Vision, and Pattern Recognition, Las Vegas, Nevada, United States Of America, 12 - 15 July 2010, pp.887-891

LV. Solving Heat Flow Equation for Image Regularization

DİZDAROĞLU B.

The 1st International Symposium on Computing in Science & Engineering, Aydın, Turkey, 3 - 05 June 2010, pp.372-377

LVI. A Seamless Image Editing Technique Using Color Information

DİZDAROĞLU B., İkibaş C.

IPCV 2009: proceedings of the 2009 international conference on image processing, computer vision, & pattern recognition, Las Vegas, Nevada, United States Of America, 13 - 16 July 2009, pp.216-221

LVII. Color Image Completion Using Simultaneous Geometry and Texture

DİZDAROĞLU B.

13th World Multi-Conference on Systemics, Cybernetics and Informatics, Orlando, Florida, United States Of America, 10 - 13 July 2009, pp.126-131

LVIII. Fuzzy Anisotropic Smoothing of Scalar Images

DİZDAROĞLU B.

The 2nd International Multi-Conference on Engineering and Technological Innovation, Orlando, Florida, United States Of America, 10 - 13 July 2009, pp.258-264

LIX. PDE Based Denoising of Grayscale Images Using Type II Fuzzy Sets

DİZDAROĞLU B.

INISTA 2009 International Symposium on INnovations in Intelligent SysTems and Applications, Trabzon, Turkey, 29 June - 01 July 2009, pp.179-184

LX. POISSON DENKLEMNE BAGLI RENKLİ İMGE DÜZENLEME

DİZDAROĞLU B., ÇAVDAR T.

5. Uluslararası İleri Teknolojiler Sempozyumu (IATS'09), Karabük, Turkey, 13 - 15 May 2009

LXI. BİR EKРАН KARTININ TASARIMI VE GERÇEKLENMESİ

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LXIII. Design and Implementation of A Mat Forming Machine

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LXIV. Design and Implementation of a Graphic Adaptor

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LXV. Color Image Editing Based on Poisson Equation

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DİZDAROĞLU B.

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LXXIII. Eski Renkli Filmlerdeki Lekelerin Yok Edilmesi İçin Zaman Uzamsal Bir İç Boyama Yöntemi

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Student Project

Software Project, Elektrik Sistem Tasarımında Excel Dokümanlarının Visualize Edilmesi, Karadeniz Technical University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey, 2023 - Continues

Activities in Scientific Journals

Turk J Elec Eng & Comp Sci, Editor, 2015 - 2016

Memberships / Tasks in Scientific Organizations

8. Uluslararası Bilgisayar Bilimleri ve Mühendisliği Konferansı (UBMK 2023), Member of Science Committee, 2023 - Continues, Turkey

Scientific Refereeing

MOLECULES, Journal Indexed in SCI-E, December 2023

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IEEE Transactions on Industrial Informatics , SCI Journal, October 2018
Turkish Journal Of Electrical Engineering & Computer Sciences , SCI Journal, July 2018
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Computer Methods in Biomechanics and Biomedical Engineering: Imaging & Visualization, Other Indexed Journal,
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Signal, Image and Video Processing, SCI Journal, August 2013
EURASIP Journal on Advances in Signal Processing, SCI Journal, July 2013
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2012
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Turk J Elec Eng & Comp Sci, SCI Journal, February 2012
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January 2012

Metrics

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Citation (WoS): 77

Citation (Scopus): 109

H-Index (WoS): 5

H-Index (Scopus): 4

Congress and Symposium Activities

TIPTEKNO'23 - Tıp Teknolojileri Ulusal Kongresi, Session Moderator, Gazimagusa, Cyprus (Kkct), 2023

TIPTEKNO'19 - Tıp Teknolojileri Ulusal Kongresi, Attendee, Aydın, Turkey, 2019

1. Bütünleşik İşlemci Ünitesi Projesi Teknoloji Çarşılayı, Attendee, Kocaeli, Turkey, 2018

TIPTEKNO 2018, Attendee, Gazimagusa, Cyprus (Kkct), 2018

TIPTEKNO 2018, Session Moderator, Gazimagusa, Cyprus (Kkct), 2018

TIPTEKNO 2017, Session Moderator, Trabzon, Turkey, 2017

TIPTEKNO 2017, Attendee, Trabzon, Turkey, 2017

SIU 2016, Attendee, Zonguldak, Turkey, 2016

BIYOMUT 2015, Attendee, İstanbul, Turkey, 2015

TIPTEKNO 2015, Attendee, Muğla, Turkey, 2015

TIPTEKNO 2014, Attendee, Nevşehir, Turkey, 2014

URSI 2014, Attendee, Elazığ, Turkey, 2014

SIU 2014, Session Moderator, Trabzon, Turkey, 2014

SIU 2013, Attendee, Girne, Cyprus (Kkct), 2013

SIU 2015, Attendee, Malatya, Turkey, 2013

ISCSE 2010, Attendee, Aydın, Turkey, 2010

IMETI 2009, Attendee, Florida, United States Of America, 2009

WMSCI 2009, Attendee, Florida, United States Of America, 2009

IPCV 2009, Attendee, Nevada, United States Of America, 2009

IATS 2009, Attendee, Karabük, Turkey, 2009

INISTA 2009, Attendee, Trabzon, Turkey, 2009

ELECO 2008, Attendee, Bursa, Turkey, 2008

E-kül-tür, Attendee, Muğla, Turkey, 2008

SIU 2008, Attendee, Aydın, Turkey, 2008

ACIVS 2007, Attendee, Delft, Netherlands, 2007

SIU 2007, Attendee, Eskişehir, Turkey, 2007

SIU 2006, Attendee, Antalya, Turkey, 2006

SIU 2003, Attendee, İstanbul, Turkey, 2003

SIU 2002, Attendee, Denizli, Turkey, 2002

ELECO 1999, Attendee, Gaziantep, Turkey, 1999

SIU 1997, Attendee, İzmir, Turkey, 1997

Scholarships

Doktora Sonrası Araştırma (Northeastern University, Boston MA USA), TUBITAK, 2011 - 2012

Awards

Dizdarođlu B., orbaciođlu B., Kul B. A., KTÜ-TTO 2017 Düşünden Gerçeđine Proje Pazarı Bilişim, Biyomedikal ve Sađlık Teknolojileri , Teknoloji Transfer Ofisi , June 2017

Non Academic Experience

Northeastern University Boston MA ABD

Kaplan Test Prep Boston MA ABD