

## Assoc. Prof. BEKİR DİZDAROĞLU

### Personal Information

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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

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

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

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

## Academic Titles / Tasks

Karadeniz Technical University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2018 - 2018

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

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

## Academic and Administrative Experience

### Courses

Bilimsel Hesaplama, Postgraduate, 2015 - 2016

Tıbbi Görüntüleme Sistemleri, Undergraduate, 2015 - 2016

Elektrik Devreleri, Undergraduate, 2015 - 2016

Web Programlama, Undergraduate, 2015 - 2016

Windows Programlama, Undergraduate, 2015 - 2016

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

### Jury Memberships

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. **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)
- II. **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)
- III. **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)
- IV. **An Image Completion Method Using Decomposition**  
Dizdaroglu B.  
EURASIP JOURNAL ON ADVANCES IN SIGNAL PROCESSING, 2011 (SCI-Expanded)
- V. **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)

- VI. **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)
- VII. **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. **Renkli İmgelerde Çoklu Gürüldü Giderme**  
ULU A., ÖZEN Y., ÖZTÜRK E., DİZDAROĞLU B.  
International Journal of 3D Printing Technologies and Digital Industry, vol.2, no.3, pp.22-29, 2018 (Peer-Reviewed Journal)
- II. **RENKLİ İMGELERDE ÇOKLU GÜRÜLTÜ GİDERME İŞLEMİ İÇİN İKİ AŞAMALI BİR YÖNTEM GELİŞTİRİLMESİ**  
ULU A., ÖZEN Y., ÖZTÜRK E., DİZDAROĞLU B.  
INTERNATIONAL JOURNAL OF 3D PRINTING TECHNOLOGIES AND DIGITAL INDUSTRY, vol.2, no.3, pp.22-29, 2018 (Peer-Reviewed Journal)
- III. **Karmaşık Yayınımın İmge Gürültü Azaltma**  
DİZDAROĞLU B.  
Erciyes Üniversitesi Fen Bilimleri Enstitüsü Fen Bilimleri Dergisi, vol.34, no.1, pp.43-55, 2018 (Peer-Reviewed Journal)
- IV. **Renkli İmgelerde Çoklu Gürültü Giderme İşlemi İçin İki Aşamalı Bir Yöntem Geliştirilmesi**  
ULU A., ÖZEN Y., ÖZTÜRK E., DİZDAROĞLU 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. **Eski Renkli Filmlerdeki Bozuklukları Onarmada Karma Bir Yaklaşım**  
DİZDAROĞLU B.  
Türkiye Alim Kitapları, Saarbrücken, 2015

### Refereed Congress / Symposium Publications in Proceedings

- I. **Multiple Noise Removal in Colour Images**  
ULU A., ÖZEN Y., ÖZTÜRK E., DİZDAROĞLU B.  
3rd International Congress on 3D Printing (Additive Manufacturing) Technologies and Digital Industry, Antalya, Turkey, pp.1
- II. **Multiple Noise Removal in Colour Images**  
ULU A., ÖZEN Y., ÖZTÜRK E., DİZDAROĞLU B.  
3rd International Congress on 3D Printing (Additive Manufacturing) Technologies and Digital Industry, Antalya, Turkey, pp.1
- III. **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
- IV. **Ultrason İmgelerini Gradyan-Tabanlı Yöntemle Renklendirme**

Akkaya M., DİZDAROĞLU B.

2018 Medical Technologies National Conference (TIPTEKNO), Gazi Magosa, Cyprus (Kktc), 8 - 10 November 2018, pp.1-4

- V. **İmge Gürültü Azaltma Algoritmaları için Bir Derleme**  
ULU A., ÖZTÜRK E., DİZDAROĞLU B.  
International Artvin Symposium'18 (IAS'18), Artvin, Turkey, 18 - 20 October 2018, pp.1-4
- VI. **Veri Tipinin Mobil Cihazlarda Dokunma Dinamiği Tabanlı Kimlik Doğrulama için Etkisi**  
ULU A., ÖZTÜRK E., DİZDAROĞLU B.  
International Artvin Symposium'18 (IAS'18), Artvin, Turkey, 18 - 20 October 2018, pp.1-4
- VII. **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
- VIII. **Multiple Noise Removal in Colour Images**  
ULU A., ÖZEN Y., ÖZTÜRK E., DİZDAROĞLU B.  
3rd International Congress on 3D Printing (Additive Manufacturing) Technologies and Digital Industry, Antalya, Turkey, 19 - 21 April 2018, pp.1-7
- IX. **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
- X. **Colorization of Ultrasound Images via Gradient-Based Method**  
Akkaya M., DİZDAROĞLU B.  
Medical Technologies National Congress (TIPTEKNO), Magusa, CYPRUS, 8 - 10 November 2018
- XI. **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
- XII. **Gaussian noise removal via heat equation**  
Özer G., DİZDAROĞLU B.  
COSTAS2017, Samsun, Turkey, 9 - 11 November 2017, pp.1
- XIII. **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
- XIV. **Automated removal of Gaussian noise in color images Renkli İmgelerde Gauss Gürültüsünün Otomatik Giderilmesi**  
ULU A., DİZDAROĞLU B.  
25th Signal Processing and Communications Applications Conference, SIU 2017, Antalya, Turkey, 15 - 18 May 2017
- XV. **Automated removal of Gaussian noise in color images**  
ULU A., DİZDAROĞLU B.  
2017 25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017, pp.1-4
- XVI. **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
- XVII. **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
- XVIII. **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

- XIX. Renkli İmgelerin Değişimsel Toplanır Gürültüsü Giderimi**  
ULU A., DİZDAROĞLU B.  
SIU 2016 IEEE 24. Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Zonguldak, Turkey, 16 - 19 May 2016, pp.1
- XX. Yapı ve Doku Bileşenlerine Bağlı İmge İçboyama**  
Özkaya H., DİZDAROĞLU B.  
SIU 2016 IEEE 24. Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Zonguldak, Turkey, 16 - 19 May 2016, pp.1
- XXI. 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
- XXII. 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
- XXIII. Bulanık Girdili Poisson Tıbbi İmge Örgüleme**  
Aktaş K., DİZDAROĞLU B.  
BIYOMUT2015 19. Biyomedikal Mühendisliği Ulusal Kongresi, İstanbul, Turkey, 5 - 06 November 2015, pp.1
- XXIV. Aktif Çevrit 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
- XXV. Düzey Kümeleriyle Etkili Retinal Damar Bölütlemesi**  
Güç M., DİZDAROĞLU B.  
TIPTEKNO'15 Tıp Teknolojileri Ulusal Kongresi, Muğla, Turkey, 15 - 18 October 2015, pp.85-88
- XXVI. Hızlı Düzey Küme Yöntemine Bağlı Retinal Damar Bölütlemesi**  
DİZDAROĞLU B.  
SIU 2015 IEEE 23. Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Malatya, Turkey, 16 - 19 May 2015
- XXVII. 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
- XXVIII. Hızlı Düzey Küme Yöntemine Bağlı Retinal Damar Bölütlemesi**  
DİZDAROĞLU B.  
SIU 2015 IEEE 23. Sinyal İşleme ve İletişim Uygulamaları Kurultayı, Malatya, Turkey, 16 - 19 May 2015, pp.1
- XXIX. İlgin 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
- 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, pp.1
- XXXI. Efficient Retinal Vessel Segmentation with Level Sets**  
Guc M., DİZDAROĞLU B.  
Medical Technologies National Conference (TIPTEKNO), Bodrum, Turkey, 15 - 18 October 2015
- XXXII. 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
- XXXIII. 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
- XXXIV. 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
- XXXV. **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
- XXXVI. **Poisson Medical Image Matting with Fuzzy Input**  
Aktas K., DİZDAROĞLU B.  
19th National Biomedical Engineering Meeting (BIYOMUT), İstanbul, Turkey, 5 - 06 November 2015
- XXXVII. **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
- XXXVIII. **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
- XXXIX. **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
- XL. **Bölge Tabanlı Düzey Kümeleriyle Tıbbi İmge Bölütleme**  
DİZDAROĞLU B.  
TIPTEKNO'14 Tıp Teknolojileri Ulusal Kongresi, Nevşehir, Turkey, 25 - 27 September 2014, pp.235-238
- XLI. **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
- XLII. **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
- XLIII. **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
- XLIV. **Poisson Denklemi 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
- XLV. **Düzey Kümelerini Kullanarak Renkli İmge Bölütleme**  
DİZDAROĞLU B.  
Signal Processing and Communications Applications Conference (SIU), 2013 21st, Cyprus (Kktc), 24 - 26 April 2013
- XLVI. **Yönlendirilebilir Süzgeçlerin Karmaşık Çözümlemesi**  
DİZDAROĞLU B.  
Signal Processing and Communications Applications Conference (SIU), 2013 21st, Cyprus (Kktc), 24 - 26 April 2013
- XLVII. **Healed Photomontage via Poisson Equation**  
Dizdaroglu B.  
21st Signal Processing and Communications Applications Conference (SIU), CYPRUS, 24 - 26 April 2013
- XLVIII. **Complex Analysis of Steerable Filters**  
Dizdaroglu B.  
21st Signal Processing and Communications Applications Conference (SIU), CYPRUS, 24 - 26 April 2013
- XLIX. **Color Image Segmentation Using Level Sets**

Dizdaroglu B.

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

- L. **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
- LI. **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
- LII. **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
- LIII. **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
- LIV. **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
- LV. **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
- LVI. **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
- LVII. **BİR EKTRAN KARTININ TASARIMI VE GERÇEKLENMESİ**  
ÇAVDAR T., DİZDAROĞLU B.  
5. Uluslararası İleri Teknolojiler Sempozyumu (IATS'09), Karabük, Turkey, 13 - 15 May 2009
- LVIII. **POISSON DENKLEMNE BAĞLI RENKLİ İMGE DÜZENLEME**  
DİZDAROĞLU B., ÇAVDAR T.  
5. Uluslararası İleri Teknolojiler Sempozyumu (IATS'09), Karabük, Turkey, 13 - 15 May 2009
- LIX. **Color Image Editing Based on Poisson Equation**  
DİZDAROĞLU B., ÇAVDAR T.  
5th International Advanced Technologies Symposium (IATS'09), Karabük, Turkey, 13 - 15 May 2009
- LX. **Design and Implementation of A Mat Forming Machine**  
ÇAVDAR T., DİZDAROĞLU B.  
5th International Advanced Technologies Symposium (IATS'09), Karabük, Turkey, 13 - 15 May 2009
- LXI. **Bir Ekran Kartının Tasarımı ve Gerçeklenmesi**  
Çavdar T., DİZDAROĞLU B.  
5. Uluslararası İleri Teknolojiler Sempozyumu (IATS'09), Karabük, Turkey, 13 May - 15 September 2009, pp.465-470
- LXII. **Poisson Denklemine Bağlı Renkli İmge Düzenleme**  
DİZDAROĞLU B., Çavdar T.  
5. Uluslararası İleri Teknolojiler Sempozyumu (IATS'09), Karabük, Turkey, 13 May - 15 September 2009, pp.438-442

- LXIII. **Design and Implementation of a Graphic Adaptor**  
ÇAVDAR T., DİZDAROĞLU B.  
5th International Advanced Technologies Symposium (IATS'09), Karabük, Turkey, 13 - 15 May 2009
- LXIV. **En Uygun Eşikleme Kullanarak Resim Ayrılmalarını Algılama**  
DİZDAROĞLU B.  
Signal Processing and Communications Applications Conference, 2009. SIU 2009. IEEE 17th, Turkey, 9 - 11 April 2009
- LXV. **Detection of Painting Cracks Using Optimal Thresholding**  
Dizdaroglu B.  
IEEE 17th Signal Processing and Communications Applications Conference, Antalya, Turkey, 9 - 11 April 2009, pp.263-266
- LXVI. **Kısmi Türevsel Denklemlerle Gri Ölçekli İmge Düzenleştirme**  
DİZDAROĞLU B.  
ELECO 2008 ELEKTRİK - ELEKTRONİK ve BİLGİSAYAR MÜHENDİSLİĞİ SEMPOZYUMU, Bursa, Turkey, 26 - 30 November 2008
- LXVII. **Kısmi Türevsel Denklemlerle Gri Ölçekli İmge Düzenleştirme**  
DİZDAROĞLU B.  
ELECO 2008 ELEKTRİK - ELEKTRONİK, BİLGİSAYAR ve BİYOMEDİKAL MÜHENDİSLİĞİ SEMPOZYUMU, Bursa, Turkey, 26 - 30 November 2008, pp.1
- LXVIII. **Resim Ayrılmalarını Akıllı Onarma**  
DİZDAROĞLU B.  
ELECO 2008 ELEKTRİK - ELEKTRONİK, BİLGİSAYAR ve BİYOMEDİKAL MÜHENDİSLİĞİ SEMPOZYUMU, Bursa, Turkey, 26 - 30 November 2008, pp.1
- LXIX. **Resim Ayrılmalarını Otomatik Rötüşlama**  
DİZDAROĞLU B.  
Kültür ve Turizm'xxde Bilgi Teknolojileri Çalıştayı, Muğla, Turkey, 26 - 27 September 2008
- LXX. **İmge Renklendirme için Karma Bir Yöntem**  
DİZDAROĞLU B.  
2008 IEEE 16TH SIGNAL PROCESSING, COMMUNICATION AND APPLICATIONS CONFERENCE, VOLS 1 AND 2, Turkey, 20 - 22 April 2008
- LXXI. **A Hybrid Method for Image Colorization**  
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- LXXII. **Eski Renkli Filmlerdeki Lekelerin Yok Edilmesi için Zaman Uzamsal Bir İçboyama Yöntemi**  
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- LXXVII. **İçboyamaya Dayalı Film Onarma**  
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- LXXXIV. **Bulanık Mantık Tabanlı Parametre Kestirimi ve Sayısal Koruma Rôlelerine Uygulanması**  
DİZDAROĞLU B., Altaş İ. H. , GANGAL A.  
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## Activities in Scientific Journals

Journal of Retinal Disorders and Transplantation, Editor, 2017 - Continues

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

## Scientific Refereeing

IEEE Transactions on Industrial Informatics , SCI Journal, October 2018

Neural Computing and Applications , SCI Journal, October 2018

Turkish Journal Of Electrical Engineering & Computer Sciences , SCI Journal, July 2018

Neural Computing and Applications, SCI Journal, March 2017

Turk J Elec Eng & Comp Sci , SCI Journal, March 2017

Applied Soft Computing, SCI Journal, February 2017  
Neural Computing and Applications, SCI Journal, February 2017  
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Computer Methods in Biomechanics and Biomedical Engineering: Imaging & Visualization, Other Indexed Journal, January 2017  
Neural Computing and Applications, SCI Journal, January 2017  
Applied Soft Computing, SCI Journal, December 2016  
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Turk J Elec Eng & Comp Sci, SCI Journal, November 2016  
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## **Metrics**

Publication: 98

Citation (WoS): 61

Citation (Scopus): 78

H-Index (WoS): 4

H-Index (Scopus): 4

## Congress and Symposium Activities

1. Bütünleşik İşlemci Ünitesi Projesi Teknoloji Çaşıltayı, Attendee, Kocaeli, Turkey, 2018  
TIPTEKNO 2018, Attendee, Gazimagusa, Cyprus (Kkct), 2018  
TIPTEKNO 2018, Session Moderator, Gazimagusa, Cyprus (Kkct), 2018  
TIPTEKNO 2017, Attendee, Trabzon, Turkey, 2017  
TIPTEKNO 2017, Session Moderator, Trabzon, Turkey, 2017  
SİU 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 2015, Attendee, Malatya, Turkey, 2013  
SIU 2013, Attendee, Girne, Cyprus (Kkct), 2013  
ISCSE 2010, Attendee, Aydın, Turkey, 2010  
WMSCI 2009, Attendee, Florida, United States Of America, 2009  
IPCV 2009, Attendee, Nevada, United States Of America, 2009  
IMETI 2009, Attendee, Florida, 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  
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## Scholarships

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