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PERSONAL

Date of Birth	1987
Place of Birth	Ankara/Turkey

EDUCATION

2013-2019	Anadolu University, Computer Engineering, Ph.D.
2016-2017	University of Koblenz Landau, Computer Science, Erasmus+ Student
20011-2013	Eskişehir Osmangazi University, Mathematics and Computer Sciences, M.S.
2005-2009	Uludağ University, Mathematics, B.S.

ACADEMIC POSITIONS

2020- Continue	Assistant Professor, Department of Computer Engineering, Atılım University, Ankara, Turkey
2010-2020	Research Assistant, Department of Mathematics and Computer Sciences, Eskişehir Osmangazi University, Eskişehir, Turkey

HONORS&AWARDS

1	A Computer-Aided System for Tooth Shade Matching, Best Presentation Award, ICMIISP 2016.
2	Tubitak 2210 National Scholarship Programme for Master Students, 2011-2013.
3	Tubitak 2211 National Scholarship Programme for PhD Students, 2013-2017.
4	Tubitak 2224 Scientific Meetings Grant Programs, 2014.
5	Tubitak 2224 Scientific Meetings Grant Programs, 2016.
6	Tubitak 2224 Scientific Meetings Grant Programs, 2019.

RESEARCH INTERESTS

1	Data Mining
2	Recommender Systems
3	Image Processing

4	Computer Vision
5	Biomedical Engineering
6	Artificial Intelligence
7	Information Theory and Network Analysis

PUBLICATIONS

1	Zuhal Kurt, Kemal Özkan, Şahin Işık, "The Principal Component Analysis Method Based Descriptor for Visual Object Classification", International Journal of Intelligent Systems and Applications in Engineering, Vol:3, pp. 97-100, June 2015.
2	Hakan Cevikalp, Zuhal Kurt, "The Fourier Transform Based Descriptor for Visual Object Classification." Anadolu University Journal Of Science And Technology–A Applied Sciences and Engineering 18.1 (2017).
3	Zuhal Kurt, Kemal Özkan, Alper Bilge, Ömer Nezh Gerek, "A Similarity-Inclusive Link Prediction Based Recommender System Approach". Elektronika IR Elektrotehnika, vol. 25, no. 6, (2019).
4	Zuhal Kurt, Kemal Özkan, Alper Bilge, Ömer Nezh Gerek, (2019) "On Similarity Measures for a Graph-Based Recommender System." In: Damaševičius R., Vasiljeviene G. (eds) Information and Software Technologies. ICIST 2019. Communications in Computer and Information Science, vol 1078. Springer, Cham
5	Kemal Özkan, Zühal Kurt, Erol Seke, "An Image-based Recommender System Based on Image Annotations", European Journal of Engineering and Natural Sciences, 3(1), 2019.
6	Zuhal Kurt, Ömer Nezh Gerek, Alper Bilge, Kemal Özkan, (2020) "A Multi Source Graph-Based Hybrid Recommendation Algorithm." will be published in the Springer Series: Lecture Notes on Data Engineering and Communications Technologies (Trends in Data Engineering Methods for Intelligent Systems).
7	Şahin Işık, Zühal Kurt, Yıldray Anagun, and Kemal Ozkan, "Spam E-mail Classification Recurrent Neural Networks for Spam E-mail Classification on an Agglutinative Language", IJISAE, vol. 8, no. 4, pp. 221-227, Dec. 2020.
8	Zeynep Kaya, Zuhal Kurt, Şahin Işık, Nizameddin Koca, Sümeyye Çiçek, (2021) "Deep Learning-Based Covid-19 Diagnoses using Lung Parenchyma CT Scans", will be published in the Elsevier: Expert Systems with Applications.

CONFERENCE PROCEEDINGS

1	Kemal Özkan, Erol Seke, Zuhal Kurt, "Choosing L1 and L2 Norm at Super Resolution Algorithms", Elektrik-Elektronik ve Bilgisayar Sempozyumu 2011, Volume 2, 72, Elazığ – Turkey 2011.
2	Hakan Cevikalp, Zuhal Kurt, Ahmet Okan Onarcın, "Return of the King: The Fourier Transform Based Descriptor for Visual Object Classification", SIU 2013 Sempodium, Cyprus – Girne, 2013.
3	Zuhal Kurt, Kemal Özkan, "Description of Contour with Meaningful Points", SIU 2013 Sempodium, Cyprus – Girne, 2013.
4	Kemal Özkan, Erol Seke, Zuhal Kurt, "In Image Super Resolution Problem Using The New Data Fidelity Term", 4th International Conference On Mathematical And Computational Applications, Manisa –Turkey 2013.
5	Zuhal Kurt, Kemal Özkan, Erol Seke, "Automated Pet Classification In Waste Management Systems Using Kernel PCA", 3rd International Exergy, Life Cycle Assessment, and Sustainability Workshop & Symposium, (ELCAS-3) , 07 — 09 July, 2013, Nisyros — Greece.

6	Tolga Avcı, Gürsel Kokdemir, Zuhul Kurt, Kemal Özkan, "Shape Features Based Conic Arcs for Leaf Recognition", In: Signal Processing and Communications Applications Conference (SIU), 2014 22nd. IEEE, 2014. p. 1463-1466, Trabzon, Turkey.
7	Sahin Isik, Kemal Özkan, Zühal Kurt, "Spam E-Mail Classification Using A New Term Weighting Approach For An Agglutinative Language", International Conference on Advanced Technology & Sciences (ICAT 15), 2015, p. 34-39, Antalya, Turkey.
8	Zuhul Kurt, Meral Kurt, Bilge Turhan Bal, Kemal Özkan, "A Computer-Aided System for Tooth Shade Matching", International Conference on Medical Imaging, Image and Signal Processing, ICMIISP 2016, Venice, Italy.
9	Zuhul Kurt, Dietrich Paulus, Meral Kurt, Kemal Özkan, "Determine Color Features for Tooth Shade Matching System", 22. Workshop Farbbildverarbeitung - Ilmenau 2016, Germany.
10	Zuhul Kurt, Kemal Özkan, "An image-based recommender system based on feature extraction techniques". In: International Conference on Computer Science and Engineering (UBMK), 2017, IEEE. pp. 769-774, Antalya, Turkey.
11	Zuhul Kurt, Kemal Özkan, "Optimization based design with subgradient method in recommender system". In: 26th Signal Processing and Communications Applications Conference (SIU), 2018, IEEE. pp. 1-4, Izmir, Turkey.
12	Zuhul Kurt, Ömer Neziğ Gerek, Alper Bilge, Kemal Özkan, (2021) "Similarity-inclusive Link Prediction with Quaternions" In Proceedings of the 23rd International Conference on Enterprise Information Systems (ICEIS 2021).

PROJECTS

1	Tubitak 3001 - Starting R&D Projects Funding Program, 'Developing A New Image-Based Recommender System', 2016-2018.
2	A working group member of the COST Action "Multi3Generation: Multi-task, Multilingual, Multi-modal Language Generation" with ID: #CA18231, 2020-Continue.

CITATIONS

Citation	21
H-index:	3

COURSES GIVEN

1	Introduction to Recommender Systems
2	Data Structures
3	Data Mining
4	Discrete Computational Structure