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Personal Information

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Education Information

Post Doctorate, University of Louisville, J. B. Speed School Of Engineering, Electrical And Computer Engineering, United States Of America 2011 - 2012

Doctorate, Istanbul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey 2003 - 2009

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü-Savunma Teknolojileri, Bilişim Teknolojileri, Turkey 2000 - 2003

Undergraduate, Istanbul Technical University, Elektrik Elektronik Fakültesi, Elektronik Ve Haberleşme Mühendisliği, Turkey 1996 - 2000

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

IT, PMI Metodolojisi ile Proje Yönetimi, İstanbul Üniversitesi, 2015

Dissertations

Doctorate, Gecikmesi Zamanla Değişen Yapay Sinir Ağlarının Kararlılık Analizi, Istanbul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2009

Postgraduate, Hücresel Yapay Sinir Ağları Uygulamaları, Istanbul University, Institute of Graduate Studies In Sciences, Bilişim Teknolojileri, 2003

Research Areas

Computer Sciences, Artificial Intelligence, Computer Learning and Pattern Recognition, Automated Problem Solving, Theorem Proving and Logical Reasoning, Pattern Recognition and Image Processing, Neural Networks, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Istanbul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2018 - Continues Assistant Professor, Istanbul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2009 - 2018 Research Assistant, Istanbul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2001 - 2009

Academic and Administrative Experience

Courses

Bitirme Projesi I, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017 Matlab ile Problem Çözme, Undergraduate, 2012 - 2013 Mikroişlemciler, Undergraduate, 2012 - 2013 Örüntü Tanıma, Postgraduate, 2012 - 2013

Advising Theses

ENSARİ T., Predictive Churn Analysis with Machine Learning, Postgraduate, M.GÜNAY(Student), 2018

ENSARİ T., Cancer Diagnosis with Machine Learning Methods, Postgraduate, S.TURGUT (Student), 2018

ENSARİ T., Hyperspectral Image Classification with Machine Learning, Postgraduate, F.Mehmet(Student), 2018

ENSARİ T., Safe Path Planning with Machine Learning, Postgraduate, Y.Uğur (Student), 2018

ENSARİ T., Turkish Question Answering System Using Machine Learning, Postgraduate, M.Salih (Student), 2018

ENSARİ T., Network Intrusion Detection with Machine Learning Techniques, Postgraduate, F.SARUHAN(Student), 2017

ENSARİ T., EMG Signal Classification to Predict the Position and Force Patterns of Human Hand, Postgraduate,

R.YILMAZ(Student), 2017

ENSARİ T., Negatif Olmayan Matris Ayrıştırma Uygulamaları, Postgraduate, İ.KOÇAK(Student), 2016

ENSARİ T., Data Mining Based Estimation System for Intelligent Transportation, Postgraduate, M.Metin(Student), 2015

ENSARİ T., Deep Learning Applications, Postgraduate, C.TİKEN(Student), 2015

ENSARİ T., Smart Advertisement/Survey Application Using Data Mining, Postgraduate, D.ÇELİK(Student), 2015

Jury Memberships

Doctorate, Tez Savunma, İstanbul Bahçeşehir Üniversitesi, May, 2018 Doctorate, Tez Savunma, Yıldız Teknik Üniversitesi, June, 2017 Post Graduate, Tez Savunma, İstanbul Üniversitesi, June, 2016 Post Graduate, Tez Savunma Jürisi, İstanbul Üniversitesi, June, 2015 Post Graduate, Jüri, İstanbul Üniversitesi, June, 2013

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Gene expression data classification using genetic algorithm-based feature selection Sonmez O. S., DAĞTEKİN M., Ensari T. TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.29, no.7, pp.3165-3179, 2021 (SCI-Expanded)
- II. New results for robust stability of dynamical neural networks with discrete time delays Ensari T., Arik S.
 EXPERT SYSTEMS WITH APPLICATIONS, vol.37, no.8, pp.5925-5930, 2010 (SCI-Expanded)
- III. Global Robust Exponential Stability of Neural Networks with Multiple Time Varying Delays ENSARİ T.

Dynamics of Continuous, Discrete and Impulsive Systems, Series A: ACM TRANSACTIONS ON MATHEMATICAL SOFTWARE, vol.14, pp.6-12, 2007 (SCI-Expanded)

IV. Global stability analysis of neural networks with multiple time varying delays

ENSARI T., Arik S.

IEEE TRANSACTIONS ON AUTOMATIC CONTROL, vol.50, no.11, pp.1781-1785, 2005 (SCI-Expanded)

V. Global Stability of A Class of Neural Networks With Time Varying Delay

ENSARİ T

IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS II-EXPRESS BRIEFS, vol.52, pp.126-130, 2005 (SCI-Expanded)

VI. Global stability of a class of neural networks with time-varying delay

ENSARI T., Arik S.

IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS II-EXPRESS BRIEFS, vol.52, no.3, pp.126-130, 2005 (SCI-Expanded)

Articles Published in Other Journals

I. Pattern Recognition from Face Images

ENSARİ T.

International Journal of Naval Science and Engineering, vol.13, pp.14-20, 2017 (Peer-Reviewed Journal)

II. Gender Classification from Face Images

YILDIZ E., ENSARİ T.

International Journal of Naval Science and Engineering, vol.13, pp.31-42, 2017 (Peer-Reviewed Journal)

III. Smart Home System Hardware and Software Design

Kavurucu Y., ENSARİ T.

International Journal of Naval Science and Engineering, vol.12, no.2, pp.40-47, 2016 (Peer-Reviewed Journal)

IV. Character Recognition Analysis with Nonnegative Matrix Factorization

ENSARİ T.

International Journal of Computers, vol.1, no.1, pp.219-222, 2016 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. Digital Data Forgetting: A Machine Learning Approach

GÜNAY M., YILDIZ E., NALÇAKAN Y., AŞIROĞLU B., ZENCİRLİ A., METE B. R., ENSARİ T.

IEEE International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT), İstanbul, Turkey, 19 - 21 October 2018, pp.1-4

II. Decision of Neural Networks Hyperparameters with a Population-based Algorithm

NALÇAKAN Y., ENSARİ T.

International Conference on Machine Learning, Optimization, and Data Science (LOD), İstanbul, Turkey, 13 - 16 September 2018, pp.1-4

III. Microarray breast cancer data classification using machine learning methods

Turgut S., Dagtekin M., Ensari T.

4th Electric Electronics, Computer Science, Biomedical Engineerings' Meeting, EBBT 2018, İstanbul, Turkey, 18 - 19 April 2018, pp.1-3

IV. Predictive Churn Analysis with Machine Learning Methods

GÜNAY M., ENSARİ T.

IEEE 26th International Signal Processing and Communications Applications Conference (SIU), İstanbul, Turkey, 2 - 05 May 2018, pp.1-4

V. Hyperspectral Image Classification with Spectral-Spatial Feature Extraction Methods

TEKCAN F. M., ENSARİ T., SERTBAŞ A.

IEEE International Conference on Electric Electronics, Computer Science, Biomedical Engineering' (EBBT), İstanbul,

Turkey, 18 - 19 April 2018, pp.1-4

VI. Breast Cancer Classification Using Machine Learning

AMRANE M., OUKID S., GAGAOUA I., ENSARİ T., KIRCI P.

IEEE International Conference on Electric Electronics, Computer Science, Biomedical Engineering' (EBBT), İstanbul, Turkey, 18 - 19 April 2018, pp.1-4

VII. Microarray Breast Cancer Data Classification Using Machine Learning Methods

TURGUT S., DAĞTEKİN M., ENSARİ T.

 $IEEE\ International\ Conference\ on\ Electric\ Electronics,\ Computer\ Science,\ Biomedical\ Engineerings'\ (EBBT),$

İstanbul, Turkey, 18 - 19 April 2018, pp.1-4

VIII. EEG Signal Analysis of Patients with Epilepsy Disorder Using Machine Learning Techniques GÜNAY M., ENSARİ T.

IEEE International Conference on Electric Electronics, Computer Science, Biomedical Engineerings' (EBBT), İstanbul, Turkey, 18 - 19 April 2018, pp.1-4

IX. Diabet Diagnosis with Support Vector Machines and Multi Layer Perceptron

Kurt M. S., Ensari T.

Scientific Meeting on Electric Electronics, Computer Science, Biomedical Engineerings (EBBT), İstanbul, Turkey, 20 - 21 April 2017

X. Comparison of Face Recognition Algorithms

Gunay M., Ensari T.

25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017

XI. Robot Localization with Monte Carlo Method

Bilgin M., Ensari T.

Scientific Meeting on Electric Electronics, Computer Science, Biomedical Engineerings (EBBT), İstanbul, Turkey, 20 - 21 April 2017

XII. Predictive Cruise Control

Kavurucu Y., Ensari T.

Scientific Meeting on Electric Electronics, Computer Science, Biomedical Engineerings (EBBT), İstanbul, Turkey, 20 - 21 April 2017

XIII. Smart Advertisement and Survey Analysis with Data Mining

ÇELİK D., ENSARİ T., SERTBAŞ A.

International Conference on Computer Science and Engineering, Tekirdağ, Turkey, 20 - 23 October 2016, pp.274-279

XIV. GRAPH-BASED CONCEPT DISCOVERY IN MULTI RELATIONAL DATA

Kavurucu Y., MUTLU A., Ensari T.

6th International Conference on Cloud System and Big Data Engineering (Confluence), Noida, India, 14 - 15 January 2016, pp.274-278

XV. Deep Learning for Edge Detection

TİKEN C., ENSARİ T.

International Symposium on Innovative Technologies in Engineering and Science, Valencia, Spain, 3 - 05 June 2015, pp.1763-1766

XVI. Passenger Notification System for Intelligent Transportation

TİRYAKİ M. M., SERTBAŞ A., ENSARİ T.

International Smart Grid Congress and Fair, İstanbul, Turkey, 29 - 30 April 2015, pp.1

XVII. Hadoop Ecosystem and Its Analysis on Tweets

Uzunkaya C., Ensari T., Kavurucu Y.

World Conference on Technology, Innovation and Entrepreneurship, İstanbul, Turkey, 28 - 30 May 2015, pp.1890-1897

XVIII. Evaluation of Machine Learning Algorithms for Automatic Modulation Recognition

Hazar M. A., Odabasioglu N., Ensari T., Kavurucu Y.

22nd International Conference on Neural Information Processing (ICONIP), İstanbul, Turkey, 9 - 12 November 2015, vol.9489, pp.208-215

XIX. Smart Advirtesement Application Using Nonnegative Matrix Factorization

ÇELİK D., ENSARİ T., SERTBAŞ A.

Scientific Congress on Electrical-Electronics, Computer and Biomedical Engineering, Arel University, İstanbul, Turkey, 26 - 28 May 2014

XX. Nonnegative Matrix Factorization and Its Application to Pattern Analysis and Text Mining

Zurada J. M., Ensari T., Asl E. H., Chorowski J.

Federated Conference on Computer Science and Information Systems (FedCSIS), Krakow, Poland, 8 - 11 September 2013, pp.11-16

XXI. Occluded Face Recognition Using Correntropy-based Nonnegative Matrix Factorization

Ensari T., Chorowski J., Zurada J. M.

11th IEEE International Conference on Machine Learning and Applications (ICMLA), Florida, United States Of America, 12 - 15 December 2012, pp.606-609

XXII. Global asymptotic stability of a class of neural networks with time varying delays

Ensari T., Arik S., Tavsanoglu V.

IEEE International Symposium on Circuits and Systems, Vancouver, Canada, 23 - 26 May 2004, pp.820-823

Supported Projects

ENSARİ T., Other International Funding Programs, Detection and Classification of Lung Cancer with Machine Learning Methods, 2018 - Continues

ENSARİ T., EU Supported Other Project, Personalized Data Protection Framework for IoT, 2018 - Continues

ENSARİ T., TUBITAK Project, Anomaly Detection and Efficiency Analysis in Land, Sea and Air Transportation Operations and Developing Warning Decision Support Systems, 2018 - Continues

ENSARİ T., TUBITAK Project, Dynamic Security Platform Developing for Polygate Social Media Structures, 2015 - 2017 ENSARİ T., Other International Funding Programs, New Horizons in Machine Learning, 2016 - 2016

ENSARİ T., TUBITAK Project, New Analytical Methods for Stable Cellular Neural Networks Template Design and Signal and Image Processing Applications of These Templates with Analog CNN-Computer, 2004 - 2009

Activities in Scientific Journals

Transactions on Computers, Committee Member, 2017 - Continues

Journal of Computer Technology and Application, Committee Member, 2017 - Continues

International Journal of Data Mining Science, Committee Member, 2017 - Continues

International Journal of Innovative Research in Electrical, Electronics, Intsrumentation and Control Engineering, Committee Member, 2016 - Continues

International Journal of Computer Applications and Information Technology, Committee Member, 2016 - Continues International Journal of Computer Science and Network, Committee Member, 2016 - Continues

INTERNATIONAL JOURNAL OF INFORMATION TECHNOLOGY AND MANAGEMENT INFORMATION SYSTEMS, Committee Member. 2016 - Continues

International Journal of Computer Science and Telecommunications, Committee Member, 2016 - Continues

International Journal of Computer Networks And Applications, Committee Member, 2016 - Continues

International Journal of Computer Trends and Technology, Committee Member, 2016 - Continues

An International Journal of Advanced Computer and Engineering Technology, Committee Member, 2016 - Continues INTERNATIONAL JOURNAL OF COMPUTER ENGINEERING and TECHNOLOGY, Committee Member, 2016 - Continues JOURNAL OF COMPUTER ENGINEERING and TECHNOLOGY, Committee Member, 2016 - Continues

Information Fusion, SCI Journal, October 2018

Neural Computing and Applications, SCI Journal, September 2018

TUBITAK-Turkish Journal of Electrical Engineering & Computer Science, Other Indexed Journal, June 2017

Neurocomputing, National Scientific Refreed Journal, August 2013

IEEE Transactions on Neural Networks and Learning Systems, SCI Journal, April 2012

Neural Networks, SCI Journal, April 2011

IEEE Transactions on Automatic Control, SCI Journal, June 2009

Scientific Research / Working Group Memberships

Computational Intelligence and Machine Learning Research Lab, İSTANBUL ÜNİVERSİTESİ-CERRAHPAŞA, Turkey, http://bilgisayar.muhendislik.istanbulc.edu.tr/tr/content/ciml/information, 2011 - Continues

Metrics

Publication: 32 Citation (WoS): 195 Citation (Scopus): 223 H-Index (WoS): 4 H-Index (Scopus): 6