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Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, İstanbul Teknik Üniversitesi, Türkiye 1982 - 1987

Yüksek Lisans, Boğaziçi Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, Türkiye 1978 - 1980

Lisans, Boğaziçi Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Türkiye 1974 - 1978

Araştırma Alanları

Mühendislik ve Teknoloji

Akademik Unvanlar / Görevler

Prof.Dr., İstanbul Teknik Üniversitesi, Bilgisayar ve Bilişim, Bilgisayar Mühendisliği, 2012 - Devam Ediyor

Prof.Dr., İstanbul Teknik Üniversitesi, Bilgisayar ve Bilişim, Bilgisayar Mühendisliği, 1981 - Devam Ediyor

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

I. A knowledge-intensive adaptive business process management framework

Kir H., Erdogan T. N.

Information Systems, cilt.95, 2021 (SCI-Expanded)

II. Influential user weighted sentiment analysis on topic based microblogging community

ELİACİK A. B., Erdogan N.

EXPERT SYSTEMS WITH APPLICATIONS, cilt.92, ss.403-418, 2018 (SCI-Expanded)

III. Network Load Balancing with Strong Migration in an Agent Based Grid System Using CSP Approach

Erdogan T. N.

International Journal of Grid Computing & Applications, cilt.3, sa.4, ss.43-53, 2012 (SCI-Expanded)

IV. A Generic Framework for Distributed Multirobot Cooperation

Sariel-Talay S., BALCH T. R., Erdogan N.

JOURNAL OF INTELLIGENT & ROBOTIC SYSTEMS, cilt.63, sa.2, ss.323-358, 2011 (SCI-Expanded)

V. Role models-implementation-based approaches to using roles

SELÇUK Y. E., Erdogan N.

SOFTWARE-PRACTICE & EXPERIENCE, cilt.41, sa.1, ss.1-22, 2011 (SCI-Expanded)

- VI. **Multiple Traveling Robot Problem: A Solution Based on Dynamic Task Selection and Robust Execution**
 Sariel-Talay S., BALCH T. R., Erdogan N.
 IEEE-ASME TRANSACTIONS ON MECHATRONICS, cilt.14, sa.2, ss.198-206, 2009 (SCI-Expanded)
- VII. **Naval mine countermeasure missions - A distributed, incremental multirobot task selection scheme**
 Sariel S., BALCH T., Erdogan N.
 IEEE ROBOTICS & AUTOMATION MAGAZINE, cilt.15, sa.1, ss.45-52, 2008 (SCI-Expanded)
- VIII. **A role model for description of agent behavior and coordination**
 Selcuk Y. E., Erdogan N.
 ENGINEERING SOCIETIES IN THE AGENTS WORLD VI, cilt.3963, ss.29-48, 2006 (SCI-Expanded)
- IX. **DCOBE: Distributed composite object-based environment**
 Yilmaz G., Erdogan N.
 COMPUTER JOURNAL, cilt.48, sa.3, ss.273-291, 2005 (SCI-Expanded)
- X. **MAPSEC: Mobile-agent based publish/subscribe platform for electronic commerce**
 Sahingoz O., Erdogan T. N.
 COMPUTER AND INFORMATION SCIENCES - ISCIS 2003, cilt.2869, ss.348-355, 2003 (SCI-Expanded)
- XI. **Augmenting object persistency paradigm for faster server development**
 Kemikli E., Erdogan T. N.
 ADVANCES IN INFORMATION SYSTEMS, cilt.2457, ss.327-335, 2002 (SCI-Expanded)

Düzenlenen Dergilerde Yayınlanan Makaleler

- I. **Topic Based Agent Migration Scheme via Publish/Subscribe Paradigm**
 Karzan M. A., ERDOĞAN T. N.
 International Journal of Information and Education Technology, cilt.3, ss.290-294, 2013 (Scopus)
- II. **Gerçek zamanlı çoklu robot çoklu hedef problemi için artımlı atama yöntemi**
 SARIEL S., ERDOĞAN T. N., TUCKER B.
 itü dergisi/d : mühendislik, cilt.7, ss.41-54, 2008 (Hakemli Dergi)
- III. **A Two-Leveled Mobile Agent System for Electronic Commerce**
 ŞAHİNGÖZ Ö. K., ERDOĞAN T. N.
 the journal of Aeronautics and Space Technologies Institute, ss.21-32, 2003 (Hakemli Dergi)

Kitap & Kitap Bölümleri

- I. **Multi-agent Based File Replication and Consistency Management**
 AKDEMİR S., ERDOĞAN T. N.
 Progress in Artificial Intelligence, Oliveira E., Gama J., Vale Z., Lopes Cardoso H., Editör, Springer, Cham, ss.727-738, 2017
- II. **Agent-Based Semantic Business Process Management Methodology**
 KIR H., ERDOĞAN T. N.
 Advances in Practical Applications of Scalable Multi-agent Systems, Demazeau, Y., Ito, T., Bajo, J., Escalona, M.J., Editör, Springer International Publishing, ss.145-156, 2016

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Comparison of machine learning methods for software project effort estimation**
 ERDOĞAN T. N., Yurdakurban V.
 2018 26th Signal Processing and Communications Applications Conference (SIU), İzmir, Türkiye, 2 - 05 Mayıs 2018

- II. Multi-agent Based File Replication and Consistency Management**
Akdemir S., Erdogan N.
18th EPIA Conference on Artificial Intelligence (EPIA), Porto, Portekiz, 5 - 08 Eylül 2017, cilt.10423, ss.727-738
- III. Agent-Based Semantic Business Process Management Methodology**
Kir H., Erdogan N.
14th International Conference on Practical Applications of Agents and Multi-Agent Systems (PAAMS), Sevilla, İspanya, 1 - 03 Haziran 2016, cilt.9662, ss.145-156
- IV. User Weighted Sentiment Analysis for Financial Community on Twitter**
ELİAÇIK B., ERDOĞAN T. N.
11th International Conference on Innovations in Information Technology (IIT'15), 1 - 03 Kasım 2015
- V. User-Weighted Sentiment Analysis for Financial Community on Twitter**
Eliacik A. B., Erdogan N.
11th International Conference on Innovations in Information Technology (IIT), Dubai, Birleşik Arap Emirlikleri, 1 - 03 Kasım 2015, ss.46-51
- VI. Mikro Bloglardaki Finans Toplulukları için Kullanıcı Ağırlıklandırılmış Duygu Analizi Yöntemi**
Burak E., ERDOĞAN T. N.
9th Ulusal Yazılım Mühendisliği Sempozyumu (UYMS'15), Türkiye, 9 - 11 Eylül 2015
- VII. Object Based Distributed Data Sharing In Multi-Agent Environment**
Pataci M., Erdogan N.
5th IEEE International Conference on Software Engineering and Service Science (ICSESS), Beijing, Çin, 27 - 29 Haziran 2014, ss.182-189
- VIII. Virmon: A Virtualization-Based Automated Dynamic Malware Analysis System**
HÜSEYİN T., ERDOĞAN T. N.
6th INTERNATIONAL INFORMATION SECURITY CRYPTOLOGY CONFERENCE, 20 - 21 Eylül 2013
- IX. Parallel Genetic Algorithm to Solve Traveling Salesman Problem on MapReduce Framework using**
HARUN RASİT E., ERDOĞAN T. N.
The International Conference on Soft Computing and Software Engineering 2013 (SCSE'13), Amerika Birleşik Devletleri, 1 - 02 Mart 2013
- X. An Agent-based Framework for Personalized Advertisement on Mobile Devices**
Sahin R., Erdogan N.
2nd IEEE International Conference on Parallel, Distributed and Grid Computing (PDGC), Wakanaghat, Hindistan, 6 - 08 Aralık 2012, ss.539-544
- XI. LOGISTICS APPLICATION ON DISTRIBUTED COMPOSITE OBJECT BASED ENVIRONMENT**
Nakhchivanski J., Yilmaz G., Erdogan N.
4th International Conference on Computer and Electrical Engineering (ICCEE 2011), Singapore, Singapur, 14 - 15 Ekim 2011, ss.153-154
- XII. An Agent-Based Web Services Market**
Durmus A., Erdogan N.
7th International Conference on Software Engineering Reserch - Management and Applications, Haikou, Çin, 2 - 04 Aralık 2009, cilt.253, ss.145-157
- XIII. A Web Services Market Framework with Role Based Agents**
DURMUS A., Erdogan N.
IEEE International Conference on Systems, Man and Cybernetics, San-Antonio, Kuzey Mariana Adaları, 11 - 14 Ekim 2009, ss.4722-4727
- XIV. Enhancing Java RMI with Asynchrony through Reflection**
Akin O., Erdogan N.
1st International ICST Conference on Communications Infrastructure, Systems and Applications in Europe, London, Kanada, 11 - 13 Ağustos 2009, cilt.16, ss.23-34
- XV. An integrated approach to solving the real-world multiple traveling robot problem**
SARIEL S., ERDOĞAN T. N.
5th international conference on electrical and electronics engineering, 4 - 06 Kasım 2007

- XVI. **Incremental multi-robot task selection for resource constrained and interrelated tasks**
Sariel S., Balch T., Erdogan N.
2007 IEEE/RSJ International Conference on Intelligent Robots and Systems, IROS 2007, San Diego, CA, Amerika Birleşik Devletleri, 29 Ekim - 02 Kasım 2007, ss.2314-2319
- XVII. **Robust multi robot cooperation through dynamic task allocation and precaution routines**
SARIEL S., TUCKER B., ERDOĞAN T. N.
ICINCO-RA, 1 - 03 Ağustos 2006
- XVIII. **A role model for description of agent behavior and coordination**
SELÇUK Y. E., ERDOĞAN T. N.
ESAW 2005, 26 - 28 Ekim 2005, ss.29-48
- XIX. **JAWIRO: Enhancing Java with roles**
SELÇUK Y. E., ERDOĞAN T. N.
International Symposium on Computer and Information Sciences, 26 - 29 Ekim 2004

Desteklenen Projeler

Erdoğan T. N., Yükseköğretim Kurumları Destekli Proje, AGRID AGENT BASED GRİD SYSTEM, 2010 - 2018
Erdoğan T. N., Yükseköğretim Kurumları Destekli Proje, A. WEB SERVICES MARKET FRAMEWORK WITH ROLE BASED AGENTS, 2009 - 2018
Erdoğan T. N., Yükseköğretim Kurumları Destekli Proje, Güvenli Hareket Etmen Mimarisi, 2005 - 2007
Erdoğan T. N., Yükseköğretim Kurumları Destekli Proje, Gezgin Etmen Tabanlı Dağıtılmış Yürütmeye Ortamı, 2004 - 2006

Metrikler

Yayın: 35
Atıf (WoS): 116
Atıf (Scopus): 153
H-İndeks (WoS): 4
H-İndeks (Scopus): 6

Akademi Dışı Deneyim

İstanbul Teknik Üniversitesi
Yıldız Teknik Üniversitesi