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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., Erdoğan T. N.
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II. **Influential user weighted sentiment analysis on topic based microblogging community**
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III. **Network Load Balancing with Strong Migration in an Agent Based Grid System Using CSP Approach**
Erdoğan T. N.
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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**
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VII. **Naval mine countermeasure missions - A distributed, incremental multirobot task selection scheme**
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VIII. **A role model for description of agent behavior and coordination**
Selcuk Y. E., Erdogan N.
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IX. **DCOBE: Distributed composite object-based environment**
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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., Erdoğan 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., Erdoğan T. N.
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I. **Topic Based Agent Migration Scheme via Publish/Subscribe Paradigm**
Karzan M. A., ERDOĞAN T. N.
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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.
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Kitap & Kitap Bölümleri

I. **Multi-agent Based File Replication and Consistency Management**
AKDEMİR S., ERDOĞAN T. N.
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II. **Agent-Based Semantic Business Process Management Methodology**
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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 forFinancial Community on Twitter**
ELİAÇIK B., ERDOĞAN T. N.
11th International Conference on Innovations inInformation Technology (IIT'15), 1 - 03 Kasım 2015

V. **User-Weighted Sentiment Analysis for Financial Community on Twitter**
Eliacik A. B., Erdogan N.
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VI. **Mikro Bloglardaki Finans Toplulukları içinKullanıcı Ağırlıklandırılmış Duygu Analizi Yöntemi**
Burak E., ERDOĞAN T. N.
9th Ulusal Yazılım MühendisliğiSempozyumu (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.
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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.
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XVI. **Incremental multi-robot task selection for resource constrained and interrelated tasks**
Sariel S., Balch T., Erdogan N.
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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 SERVİCES MARKET FRAMEWORK WİTH 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 Yürütme Ortamı, 2004 - 2006

Metrikler

Yayın: 35
Atıf (WoS): 113
Atıf (Scopus): 153
H-İndeks (WoS): 4
H-İndeks (Scopus): 6

Akademi Dışı Deneyim

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