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PERSONAL

Date of Birth	06/03/1981
Place of Birth	Tabriz- Iran

EDUCATION

Year-Year	2008-2015 Middle East Technical University, Mechanical Engineering, Ph.D.
Year-Year	2004-2006 University of Tabriz, Mechanical Engineering, B.S.
Year-Year	2000-2004 University of Tabriz, Mechanical Engineering, B.S.

ACADEMIC POSITIONS

Month/Year	Asst. Prof. Dr., Department of Manufacturing Engineering, 08/2017 Atilim University, Turkey

HONORS&AWARDS

1	2008-2012 TÜBİTAK 2215 Foreign PhD Student Scholarship

RESEARCH INTERESTS

1	Advanced Manufacturing Systems
2	Machining Processes
3	Hybrid and Nontraditional Manufacturing Processes
4	Industry 4.0
5	Supply Chain Management
6	Production Planning
7	Ontology Modelling and Agent Based Systems

PROFESSIONAL SERVICE

1	UMTIK 2018 Conference Organizing Committee Member
2	UMTIK 2014, 2012, 2010 and 2008 Conferences Scientific Secretariat

PUBLICATIONS

1	B. L. Sadigh, H. O. Unver, S. Nikghadam, E. Dogdu, A. M. Ozbayoglu, S. E. Kilic, An Ontology-based Multi-agent Virtual Enterprise System (OMAVE): Part 1: Domain Modelling And Rule Management, International Journal of Computer Integrated Manufacturing, Vol.30 (2-3) , 320-343, 2017
2	B. L. Sadigh, S. Nikghadam, A. M. Ozbayoglu, H. O. Unver, E. Dogdu, S. E. Kilic, An ontology-based multi-agent virtual enterprise system (OMAVE): part 2: partner selection, International Journal of Computer Integrated Manufacturing, Vol.30 (10) , 1072-1092, 2017
3	S. Nikghadam, B. L. Sadigh, A. M. Ozbayoglu, H. O. Unver, S. E. Kilic, A Survey Of Partner Selection Methodologies For Virtual Enterprises And Development Of A Goal Programming--based Approach, The International Journal of Advanced Manufacturing Technology, Vol. 85 (5-8), 1713-1734, 2015
4	H. O. Unver, B. L. Sadigh, An agent-based operational virtual enterprise framework enabled by RFID, Handbook of Research on Mobility and Computing: Evolving Technologies and Ubiquitous Impacts, Hershey, PA: Information Science Reference, PP.649-666, 2011
5	B. L. Sadigh, H. O. Unver, S. E. Kılıç, 2012. "Design of a Multi Agent Based Virtual Enterprise Framework for Sustainable Production". Virtual and Networked Organizations, Emergent Technologies and Tools Volume 248 of the series Communications in Computer and Information Science. pp 186-195.

PROJECTS

1	2012-2015 SANTEZ project No.00979.stz.2011-2 (Virtual Enterprise Project)-Researcher
2	2013-2016 European LED-ERA project (ECOMAN Industry Project)-Researcher

CONFERENCE PRESENTATIONS

1	B. L. Sadigh, S. N. Bavil Oliaei, S. Dadvandipour, An Ontology Based Semantic Machine Tool Selection for Multi Scale Wire EDM Processes, Solid State Phenomena, 9th International Congress On Precision Machining, Icpm 2017, Vol. 261, PP. 470-477, 2017.
2	S. Nikghadam, B. L. Sadigh, A. M. Ozbayoglu, H. O. Unver and S. E. Kılıç, 2015 "Evaluation of Partner Companies Based on Fuzzy Inference System for Establishing Virtual Enterprise Consortium". Operations Research and Enterprise Systems, 4th International Conference, ICORES 2015, Lisbon, Portugal, January 10-12, 2015, Revised Selected Papers, Volume 577. Springer International Publishing. pp 104-115.
3	B. L. Sadigh, F. Arikan, A. M. Ozbayoglu, H. O. Unver, S. E. Kilic, 2014. A Multi- agent System Model for Partner Selection Process in Virtual Enterprise, Procedia Computer Science Volume 36, 2014, Pages 367–372.
4	B. L. Sadigh, H. O. Unver, E. Doğdu, S. E. Kılıç, 2014. Ontology based Virtual Enterprise System Domain Modeling. Proceedings of 24th International Conference on Flexible Automation and Intelligent Manufacturing (FAIM), May 20~23, 2014, San Antonio, Texas.
5	B. L. Sadigh, H. O. Unver, E. Doğdu, and S. E. Kılıç, 2014. Ontology Based Virtual Enterprise System Domain Modeling, FAIM 2014, San Antonio, pp.133-142.
6	B. L. Sadigh, H. O. Unver, E. Doğdu, and S. E. Kılıç, An Ontology Based Model for Virtual Enterprise, Proceedings of the 15th International Machine Design and Production Conference, Pamukkale, Denizli, Turkey, v.2, pp. 885-891, June 19-22, 2012

7	B. L. Sadigh, H. O. Unver, and S.E. Kılıç, Yüksek Katma Değerli Üretim için Operasyonel Sanal Fabrika, 2. Ileri Teknolojiler Çalıştayı Bildiri Kitabı, Istanbul, Turkey, 9 December 2011. (In Turkish)
8	S. Nadimi B. O., R. Khoushemehr, B. L. Sadigh, H. Dolatshahi. Finite Element Analysis of Temperature Field and Residual Stresses in Multi-Pass Tubular T-Joints". Proceeding of the 13th International Conference of Machine Design and Production, 3-5 September, 2008, Istanbul– Turkey.
9	R. J. Khoushemehr, B. Lotfi Sadigh, B. Rohani, S. Nadimi. "Analysis and Simulation of On-Line Tool Breakage Detection from Feed Drive Current in CNC Lathe. Proceeding of 13th International Conference of Machine Design and Production, 3- 5 September, 2008, Istanbul– Turkey.
10	Uluer, M. U., Lotfi Sadigh, B., Şen, D.T., Kılıç, S. E., San-Tez Projesi: OSTIM'de Kobilere Yönelik Sanal Fabrika Sisteminin Geliştirilmesi, Üniversite -Sanayi İşbirliği Merkezleri Platformu (USİMP) Üniversite –Sanayi İşbirliği Ulusal Kongresi-2008, Adana, Turkey, pp.88-95, 26-27 June 2008. (In Turkish)
11	S. Dadvandipour, B. L. Sadigh, B. Ruhani, "A New Approach on the Integration of CAPP and PPS Using Johnson's Algorithm." Proceeding of the 4th international conference and exhibition on Design and Production of Machines and Dies/Molds. June 21-23, 2007, Altin Yunus, Çeşme, İzmir, TURKEY.
12	B.Ruhani, B. Lotfi Sadigh, R. Jafari, "Analysis Modelling and Simulation of Machine Tool Feed Drive Systems using for Online Tool Flank Wear Estimation in Turning. "Proceeding of the 4th international conference and exhibition on Design and Production of Machines and Dies/Molds. June 21-23, 2007, Altin Yunus, Çeşme, İzmir, TURKEY

CITATIONS

Sum of times cited without self-citations (ISI Web of Science):	6
H-index (ISI Web of Science):	2

COURSES GIVEN

1	MFGE 205, Introduction to manufacturing Processes
2	MFGE 420, Project management in manufacturing engineering
3	IE 306, Supply chain modelling
4	IE 307, Production planning and control