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### PERSONAL

<b>Date of Birth</b>	1981
<b>Place of Birth</b>	Tabriz

### EDUCATION

2010-2014	Middle East Technical University, Structural Engineering, Ph.D.
2007-2009	University of Tabriz, Structural Engineering, M.Sc.
2000-2004	University of Tabriz, Civil Engineering, B.Sc.

### ACADEMIC POSITIONS

<b>October/2014</b>	Assistant Professor, Department of Civil Engineering, Atılım University, Turkey
<b>October/2019</b>	Associate Professor, Department of Civil Engineering, Atılım University, Turkey

### ADMINISTRATIVE DUTIES

<b>September/2016</b>	Erasmus+ Departmental Coordinator, Atılım University
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### HONORS&AWARDS

<b>1</b>	METU Thesis of the Year Award, 2014
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### RESEARCH INTERESTS

<b>1</b>	Structural Optimization
<b>2</b>	Steel Structures
<b>3</b>	Evolutionary Algorithms
<b>4</b>	Industrial Applications of Soft Computing

## SELECTED PUBLICATIONS

1	Kazemzadeh Azad, S., Monitored convergence curve: a new framework for metaheuristic structural optimization algorithms, <i>Structural and Multidisciplinary Optimization</i> , 60(2), 481-499, 2019.
2	Bybordiani, M., Kazemzadeh Azad, S., Optimum design of steel braced frames considering dynamic soil-structure interaction, <i>Structural and Multidisciplinary Optimization</i> , 60(3), 1123-1137, 2019.
3	Kazemzadeh Azad, S., Seeding the initial population with feasible solutions in metaheuristic optimization of steel trusses, <i>Engineering Optimization</i> , 50, 89-105, 2018.
4	Kazemzadeh Azad, S., Akış, T., Automated selection of optimal material for pressurized multi-layer composite tubes based on an evolutionary approach, <i>Neural Computing and Applications</i> , 29, 405-416, 2018.
5	Kazemzadeh Azad, S., Enhanced hybrid metaheuristic algorithms for optimal sizing of steel truss structures with numerous discrete variables, <i>Structural and Multidisciplinary Optimization</i> , 55, 2159-2180, 2017.
6	Kazemzadeh Azad, S., Hasançebi, O., Computationally Efficient Discrete Sizing of Steel Frames via Guided Stochastic Search Heuristic, <i>Computers and Structures</i> , 156, 12-28, 2015.
7	Kazemzadeh Azad, S., Hasançebi, O., Discrete sizing optimization of steel trusses under multiple displacement constraints and load cases using guided stochastic search technique, <i>Structural and Multidisciplinary Optimization</i> , 52, 383-404, 2015.
8	Hasançebi, O., Kazemzadeh Azad, S., Adaptive Dimensional Search: A New Metaheuristic Algorithm for Discrete Truss Sizing Optimization, <i>Computers and Structures</i> , 154, 1-16, 2015.
9	S. Kazemzadeh Azad, O. Hasançebi, MP. Saka, Guided stochastic search technique for discrete sizing optimization of steel trusses: A design-driven heuristic approach, <i>Computers and Structures</i> , 134, 62-74, 2014.
10	O. Hasançebi, S. Kazemzadeh Azad, Discrete size optimization of steel trusses using a refined big bang-big Crunch Algorithm, <i>Engineering Optimization</i> , 46(1), 61-83, 2014.
11	Saeid Kazemzadeh Azad, Oğuzhan Hasançebi, Sina Kazemzadeh Azad, Upper bound strategy for metaheuristic based design optimization of steel frames, <i>Advances in Engineering Software</i> , 57, 19-32, 2013.
12	O. Hasançebi, S. Kazemzadeh Azad, An exponential big bang-big crunch algorithm for discrete design optimization of steel frames, <i>Computers and Structures</i> , 110-111: 167-179, 2012.

## CONFERENCE PRESENTATIONS

1	S. Kazemzadeh Azad, Combinatorial optimization in structural engineering: recent trends and future needs, 17th Cologne-Twente Workshop on Graphs & Combinatorial Optimization (CTW 2019), University of Twente, Enschede, Netherlands, 2019.
2	S. Kazemzadeh Azad, Computer-aided design optimization in structural engineering using metaheuristics, 12th International Conference on Advanced Computational Engineering and Experimenting (ACE-X), Amsterdam, Netherlands, 2018.
3	S. Kazemzadeh Azad, Elitist population size reduction for computationally efficient optimum design of real-size steel structures using evolutionary algorithms, 11th International Conference on Advanced Computational Engineering and Experimenting (ACE-X), Vienna, Austria, 2017.
4	S. Kazemzadeh Azad, Evaluating sensitivity of stochastic search techniques to profile list ordering in discrete sizing of steel frames, 11th ASMO UK /

	ISSMO conference on Engineering Design Optimization / NOED2016, Technical University of Munich, Germany, 2016.
5	O. Hasaebi and S. Kazemzadeh Azad, Improving the Big Bang-Big Crunch Algorithm for Optimum Design of Steel Frames, in B.H.V. Topping, (Editor), Proceedings of the Eighth International Conference on Engineering Computational Technology, Civil-Comp Press, Stirlingshire, UK, Paper 52, 2012.
6	K. Koohestani, S. Kazemzadeh Azad, "An Adaptive Real-Coded Genetic Algorithm for Size and Shape Optimization of Truss Structures", in B.H.V. Topping, Y. Tsompanakis, (Editors), "Proceedings of the First International Conference on Soft Computing Technology in Civil, Structural and Environmental Engineering", Civil-Comp Press, Stirlingshire, UK, Paper 13, 2009.

### **COURSES GIVEN**

1	Structural Analysis (CE 321)
2	Structural Optimization (CE 423)
3	Advanced Structural Analysis (CE 519)
4	Analysis of Framed Structures (CE 444)
5	Basic Mechanics II: Dynamics (CE 202)
6	Optimization in Civil Engineering (CE 523)

### **THESES SUPERVISED**

1	M.Sc. Thesis, Farqad K.J. Jawad, Shape and sizing optimization of steel trusses under dynamic excitations, 2018
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