

## ÖZGEÇMİŞ

1. Adı Soyadı : Armağan Fatih Karamanli
2. Doğum Tarihi : 28/05/1977
3. Unvanı : Doç.Dr.
4. Öğrenim Durumu : Doktora
5. Çalıştığı Kurum : Bahçeşehir Üniversitesi

Derece	Alan	Üniversite	Yıl
Lisans	Makina Mühendisliği	İstanbul Teknik Üniversitesi	2000
Y. Lisans	İşletme Mühendisliği	İstanbul Teknik Üniversitesi	2003
Doktora	Makina Mühendisliği	İstanbul Teknik Üniversitesi	2013

### 6. Akademik Unvanlar

Yardımcı Doçentlik Tarihi :08.02.2016  
Doçentlik :15.08.2018

### 7. Yayınlar

7.1. Uluslararası hakemli dergilerde yayımlanan makaleler (SCI,SSCI,Arts and Humanities)

2019 (Q1) Karamanli, A., Aydogdu, M. “On the vibration of size dependent rotating laminated composite and sandwich microbeams via a transverse shear-normal deformation theory”, Composite Structures, Vol:216, 290-300.

2019 (Q1) Karamanli, A., Aydogdu, M. “Buckling of laminated composite and sandwich beams due to axially varying in-plane loads”, Composite Structures, Vol:210, 391-408.

2018 (Q1) Karamanli, A., Thuc P. Vo, “Size dependent bending analysis of two directional functionally graded microbeams via a quasi-3D theory and finite element method”, Composites Part B: Engineering, Vol:144, 171-183.

2018 (Q1) Karamanli, A., “Free Vibration Analysis of Two Directional Functionally Graded Beams Using a Third Order Shear Deformation Theory”, Composite Structures, Vol:189, 127-136.

2017 (Q1) Thuc P. Vo, Huu-Tai Thai, Trung-Kien Nguyen, Domagoj Lanc, Armağan Karamanli, “Flexural analysis of laminated composite and sandwich beams using a four-unknown shear and normal deformation theory”, Composite Structures, Vol:176, 388-397.

2017 (Q1) Karamanli, A., “Bending Behaviour of Two-Directional Functionally Graded Sandwich Beams by using a Quasi-3D Shear Deformation Theory”, Composite Structures, Vol:174, 70-86.

2017 (Q1) Karamanli, A., “Elastostatic Analysis of Two-Directional Functionally Graded Beams using Various Beam Theories and Symmetric Smoothed Particle Hydrodynamics”, Composite Structures, Vol:160, 653-669, 2017.

2013 (Q1) Karamanli, A., Mugaň, A., “Strong Form Meshless Implementation of Taylor Series Method”, Applied Mathematics and Computation, Vol:219, Issue:17, 6069-6080.

## 7.2. Uluslararası diğer hakemli dergilerde yayınlanan makaleler

2018 Karamanli, A., “Bending Analysis of Two Directional Functionally Graded Beams Using A Four-Unknown Shear and Normal Deformation Theory”, Journal of Polytechnic, Vol:21-4, 861-874.

2018 Karamanli, A., “Analytical Solutions for Buckling Behavior of Two Directional Functionally Graded Beams Using a Third Order Shear Deformable Beam Theory” Journal of Engineering and Science, Vol:6-2, 164-178.

2018 Karamanli, A., “Free Vibration and Buckling Analysis of Two Directional Functionally Graded Beams Using a Four-Unknown Shear and Normal Deformable Beam Theory” Anadolu University Journal of Science and Technology A - Applied Sciences and Engineering, Vol:19-2, 375-406.

2018 Karamanli, A., “Flexure Analysis of Laminated Composite and Sandwich Beams Using Timoshenko Beam Theory”, Journal of Polytechnic, Vol:21-3, 663-643.

2018 Karamanli, A., “Bending analysis of composite and sandwich beams using Ritz method”, Anadolu University Journal of Science and Technology A - Applied Sciences and Engineering, Vol:19-1, 10-23.

2017 Karamanli, A., “Static Analysis of Reddy-Bickford Composite and Sandwich Beams via Ritz Method”, Celal Bayar University Journal of Science, Vol:13-4, 933-942.

2017 Karamanli, E.B., Kilicoglu, H., Karamanli, A., “Evaluation of the effects of the dental appliance and skeletal anchored face mask therapies on the craniofacial system by using nonlinear finite element analysis”, APOS Trends in Orthodontics, Vol:7 (6), 267-272.

2017 Karamanli, E.B., Kilicoglu, H., Karamanli, A., “Evaluation of the effects of the chincup appliance on the craniofacial structures by the finite element analysis” APOS Trends in Orthodontics, Vol:7 (5), 219-223.

2017 Karamanli, A., “Static Behaviour of Two-Directional Functionally Graded Sandwich Beams using Various Beam Theories and the SSPH Method”, New Trends in Mathematical Sciences, Vol:5, No:2, 112-147.

2016 Karamanli, A., “Deformations of Isotropic Tapered Beams by using Symmetric Smoothed Particle Hydrodynamics Method”, New Trends in Mathematical Sciences, Vol:4, No:4, 145-162.

2016 Karamanli, A., “Elastostatic Deformations of Thick Beams by Using Different Beam Theories and a Meshless Method”, International Journal of Engineering Technologies, Vol:2, No:3, 83-93.

2016 Karamanli, A., “Analysis of Bending Deflections of Functionally Graded Beams by using Different Beam Theories and Symmetric Smoothed Particle Hydrodynamics”, International Journal of Engineering Technologies, Vol:2, No:3, 105-117.

2015 Karamanli, A., “Bending Deflection Analysis of a Semi-Trailer Chassis by Using Symmetric Smoothed Particle Hydrodynamics”, International Journal of Engineering Technologies, Vol:1, No:4, 134-140.

2015 Karamanli, A., “Different Implementation Approaches of the Strong Form Meshless Implementation of Taylor Series Method”, International Journal of Engineering Technologies, Vol:1, No:3, 95-105, 2015.

2012 Karamanli, A., Mugan, A., “Solutions of Two-Dimensional Heat Transfer Problems by Using Symmetric Smoothed Particle Hydrodynamics Method”, Journal of Applied & Computational Mathematics, 1:4,2012.

### 7.3. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

2017 Karamanli, A., “An analytical solution for static analysis of Two-Directional Functionally Graded Beams using a Quasi 3D Theory”, 4th International Conference on Pure and Applied Sciences: Renewable Energy, Turkey.

2017 Karamanli, A., “Elastostatic Analysis of Two-Directional Functionally Graded Sandwich Beams Using Various Beam Theories and a Meshless Method”, International Conference on Composite Structures-ICCS20, France.

2015 Karamanli, A., Topçu, İ., Kaçar, B., “On the Calculation of Deflection of a Semi Trailer Chassis Under Various Loading Conditions: An Experimental and Numerical Investigation”, 96-106, AVTECH '15 / III. Automotive and Vehicle Technologies Conference November, Turkey.

### 7.4. Diğer yayınlar

2013 Karamanli, A., “Development of Meshless Methods Based on Differential Transform Method”, İTÜ, Ph.D. Thesis.

2003 Karamanli, A., “Total Productive Maintenance and Equipment Improvement I”, AUTOMATION Magazine, Turkey.

2003 Karamanli, A., “Total Productive Maintenance and Equipment Improvement-II”, AUTOMATION Magazine, Turkey.

2003 Karamanli, A., “Equipment Improvement Activities of Total Productive Maintenance Continuous Improvement Action Teams”, İTÜ, M.Sc. Thesis.

### 8. Son iki yılda verdiğiniz lisans ve lisansüstü düzeydeki dersler için aşağıdaki tabloyu doldurunuz.

Akademik Yıl	Dönem	Dersin Adı	Haftalık Saati		Öğrenci Sayısı
			Teorik	Uygulama	
2018-2019	Bahar	Mechanical Components and Systems	3	2	93
		Finite Element Methods (YL)	3	0	9
2018-2019	Güz	Differential Equations	3	0	115
		Numerical Methods for Engineers	3	2	86
2017-2018	Güz	Mühendislik Malzemeleri	3	0	62
		Mühendislik Malzemeleri	3	0	50
		Dinamik	2	0	81
		Mekatronik Sistem Tasarımı	0	8	13
	Bahar	Üretim Yöntemleri	3	0	42
		Mekanik Sistemlerin Dinamiği	3	0	8
		Bitirme Çalışması	0	8	7
		Mekanik Sistemlerin Kinematiği ve Dinamiği (YL)	3	0	9