

TEVFİK OĞUZ ÖRMECİOĞLU

ASSISTANT PROFESSOR



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Education

Doctoral 2020 25/Haziran/2024	AKDENİZ UNIVERSITY->INSTITUTE OF SCIENCE->CIVIL ENGINEERING (PhD) Thesis name: Yapay sinir ağı kullanarak yapısal optimizasyon problemlerindeki çözüm süreçlerinin kısaltılması (2024) Thesis Advisor:(Niyazi Uğur Koçkal; İbrahim Aydoğdu)
Master (Thesis) 2018 7/Ocak/2020	AKDENİZ UNIVERSITY->INSTITUTE OF SCIENCE->CIVIL ENGINEERING (MASTER) (WITH THESIS) Thesis name: Çelik çerçeve sistemlerin GPU tabanlı optimizasyonu (2019) Thesis Advisor:(DOÇ. DR. İBRAHİM AYDOĞDU)
Bachelor's Degree 2003 21/Mart/2006 (Yatay Geçiş)	AKDENİZ UNIVERSITY->FACULTY OF ENGINEERING->DEPARTMENT OF CIVIL ENGINEERING->CIVIL ENGINEERING PR.
Bachelor's Degree 2000	İSTANBUL KÜLTÜR UNIVERSITY->FACULTY OF ENGINEERING-ARCHITECTURE->CIVIL ENGINEERING PR. (ENGLISH)

Academic Title

ASSISTANT PROFESSOR 01.09.2025 ANTALYA BİLİM UNIVERSITY/MÜHENDİSLİK VE DOĞA BİLİMLERİ FAKÜLTESİ/İNŞAAT MÜHENDİSLİĞİ BÖLÜMÜ

Positions in Projects:

- Optisera: Software For Design And Analysis of Greenhouse Buildings In European Standards At Optimum Cost, TUBITAK Project (1512), Yürütücü:TEVFİK OĞUZ ÖRMECİOĞLU, Yürütücü:İBRAHİM AYDOĞDU, , 01/02/2022 - 31/01/2023 (NATIONAL)

Courses *

Öğrenim Dili Course Hour Semester

2025-2026

Bachelor's Degree Programme

CE1012 Statics	English	3	Güz
CE2007 STRENGTH of MATERIALS	English	3	Bahar

Works

Articles published in international refereed journals:

1. ER AKAN ASLI, COŞKUN TURGAY, Haydaroğlu Furkan, Uzdil Oguz, ÖRMECİOĞLU TEVFİK OĞUZ, samadi kamran, ER ARZU, Başar Gülşah Çelik, SAYIN BARIŞ (2026). Seismic Vulnerability Assessment of a Historic Masonry-Timber Building: The Case of Katharina Hunting Mansion. Structural Engineering International(1), Doi: 10.1080/10168664.2025.2586033 (Publication No: 10167628)
2. SAYIN BARIŞ, ER AKAN ASLI, COŞKUN TURGAY, ER ARZU, samadi kamran, Uzdil Oguz, Başar Gülşah Çelik, ÖRMECİOĞLU TEVFİK OĞUZ (2025). Seismic performance assessment and restoration proposal for the 19th-Century Karacakaya mosque. Journal of Building Engineering, 108(1), Doi: 10.1016/j.job.2025.112856 (Publication No: 10167619)
3. TAYMUŞ REFİK BURAK, AYDOĞDU İBRAHİM, ÇARBAŞ SERDAR, ÖRMECİOĞLU TEVFİK OĞUZ (2024). Seismic design optimization of space steel frame buildings equipped with triple friction pendulum base isolators. Journal of Building Engineering, 92(1), Doi: 10.1016/j.job.2024.109748 (Publication No: 10167611)
4. ÖRMECİOĞLU TEVFİK OĞUZ, ÖRMECİOĞLU HİLAL TUĞBA, AYDOĞDU İBRAHİM (2024). GPU-based parallel programming for FEM analysis in the optimization of steel frames. Journal of Asian Architecture and Building Engineering, 24(1), Doi: 10.1080/13467581.2024.2345310 (Publication No: 10167609)
5. ER AKAN ASLI, BİNGÖL KAAN, ÖRMECİOĞLU HİLAL TUĞBA, ÖRMECİOĞLU TEVFİK OĞUZ (2024). Towards an earthquake-resistant architectural design with the image classification method. Journal of Asian Architecture and Building Engineering, 23(1), 157-170., Doi: 10.1080/13467581.2023.2213299 (Publication No: 10167535)

B. Papers presented at international scientific meetings and published in proceedings :

1. AYDOĞDU İBRAHİM, ÖRMECİOĞLU TEVFİK OĞUZ (2018). Optimization of High-Rise Buildings having Concrete Encased Steel Column using Tree Seed Algorithm. 4th International Conference on Mechanics of Composites (Full Text Publication/Oral Presentation) (Publication No: 10167530)
2. TUNCA OSMAN, AYDOĞDU İBRAHİM, ÖRMECİOĞLU TEVFİK OĞUZ (2018). Grasshopper-Genetic Optimization Algorithm Based Design of Structures. International Conference on Applied Mathematics (Full Text Publication/Oral Presentation) (Publication No: 10167524)

C. Authored national/international books or chapters in books:

C2. Chapters written in national/international books:

1. Nature-Inspired Metaheuristic Algorithms for Engineering Optimization Applications, Chapter name: (Electrostatic discharge algorithm for optimum design of real size truss structures) (2021)., AYDOĞDU İBRAHİM, ÖRMECİOĞLU TEVFİK OĞUZ, ÇARBAŞ SERDAR, Springer Tracts in Nature-Inspired Computing, Editor: ÇARBAŞ SERDAR, TOKTAŞ ABDURRAHİM, ÜSTÜN DENİZ, Edition no:1, Pages 416, ISBN:978-981-33-6773-9, English (Scientific Book) (Publication No: 10167519)