

BILGE DORAN

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International Researcher IDs

ScholarID: O-GdB8MAAAAJ

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Publons / Web Of Science ResearcherID: HNC-4665-2023

ScopusID: 7003399868

Yoksis Researcher ID: 174001

Biography

He got his bachelors' degree in the Civil Engineering Department at Yildiz Technical University, Istanbul/Turkey in 1991, his master degree in the Civil Engineering Department at Yildiz Technical University, Istanbul/Turkey in 1993, PhD degree in the Civil Engineering Department at Yildiz Technical University, Istanbul/Turkey in 2001. He is still an academic member of the Civil Engineering Department at Yildiz Technical University. His majors area of interests are: Reinforced-Concrete Structures, Earthquake Resistant Structural Design, Performance Based Design, Soil-Structure-Pile interaction, Masonry Structures, Structural Health Monitoring.

Education

Doctorate 1993 - 2001	Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Turkey
Postgraduate 1991 - 1993	Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Turkey
Undergraduate 1987 - 1991	Yildiz Technical University, Faculty Of Civil Engineering, Civil Engineering Department, Turkey

Dissertations

Doctorate, Boşluklu Perdelerin Elastik-Plastik Analizi, Yıldız Teknik Üniversitesi, Civil Engineering Department, Construction, 2001

Postgraduate, Eğik Eğilme ve Eksenel Kuvvet Etkisindeki Simetrik Donatılı Dikdörtgen Kesitli Betonarme Kolonların Taşıma Gücüne Göre Hesabı, Yıldız Teknik Üniversitesi, Civil Engineering Department, Construction, 1993

Academic Titles / Tasks

Professor 2017 - Continues	Yildiz Technical University, Faculty Of Civil Engineering, Civil Engineering Department
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Associate Professor
2011 - 2017

Yildiz Technical University, Faculty Of Civil Engineering, Civil Engineering
Department

Supported Projects

1. Yenidođan H. C., Yüzer N., Doran B., Çakır Ö., Dođan U., Ersoy Ş., Özener P., Project Supported by Higher Education Institutions, 3744653, 2023 - 2024
2. Bakırman T., Bayram B., Akpınar B., Doran B., Berilgen M. M., Yüzer N., TUBITAK Project, Sustainable Damage Detection and Monitoring System for Cultural Heritage using Artificial Intelligence, 2022 - 2024
3. AKPINAR B., BEZCİOĐLU M., OKU TOPAL G., AYKUT N. O., DORAN B., KARABULUT M. F., YİĐİT C. Ö., Çakmak Z. B., DİNDAR A. A., Zafer A., Project Supported by Higher Education Institutions, Düşük Maliyetli Ölçme Sistemleri ile Farklı Dinamik Davranışa Sahip Yapıların İzlenmesi, 2021 - 2023
4. Doran B., Ünsal Aslan Z., Project Supported by Higher Education Institutions, Boşluklu Donatısız Yıđma Duvarların Lif Takviyeli Polimer İle Güçlendirme Teknikleri, 2019 - 2021
5. Doran B., Karşlođlu M., Project Supported by Higher Education Institutions, Boşluklu Yıđma Duvarların Elastik Plastik Analizi, 2019 - 2021
6. DORAN B., Project Supported by Higher Education Institutions, Lifli Polimerle Farklı Biçimlerde Güçlendirilmiş Betonarme Kirişlerin Eđilme Performanslarının Belirlenmesi, 2016 - 2019
7. Doran B., Uđuryol M. F., Yüzer N., TUBITAK Project, Investigation of The Under Loading Behaviour of Historical Brick Walls Restored With Grouting, 2014 - 2017
8. DORAN B., TUBITAK Project, Çelik Moment Ve Merkezi Çaprazlı Çerçevelelerde Arttırılmış Deprem Etkileri Ve Sismik Enerji Talepleri, 2014 - 2016
9. DORAN B., Project Supported by Higher Education Institutions, Düzlem İçi Yükler Etkisindeki Yıđma Duvarlarda Bünyesel Modelleme, 2013 - 2016
10. Aydođan B., Çevik E., Doran B., Yüksel Y., Berilgen M. M., TUBITAK Project, Seismic Behavior of Soten Breakwater Structures and Determination of Performance Parameters, 2013 - 2016
11. Yüzer N., Doran B., Coşandal A., Hazar A. B., Berilgen M. M., Büyükpınar Ç., TUBITAK Project, Determination of Original Brick Wall Material Properties of Historical Buildings and Investigation of Behavior Under Load Using Model ExperimentsT, 2012 - 2015
12. DORAN B., Project Supported by Higher Education Institutions, Karbon esaslı lifli polimerler (CFRP) ile Güçlendirilmiş Betonarme Kolonlarda Sargılı Beton Basınç Dayanımının Bulanık Mantık Yaklaşımı ile Tahmini, 2013 - 2013
13. Alacalı S., Doran B., Sayım İ., Hancıođlu B., Akbaş B., TUBITAK Project, Gerçek zamanlı kinematik DGPS yöntemiyle uzun periyodlu yapıların dinamik davranışlarının incelenmesi, 2006 - 2009
14. ALACALI S., DORAN B., TUBITAK Project, Gerçek zamanlı kinematik DGPS yöntemiyle uzun periyodlu yapıların dinamik davranışlarının incelenmesi (Dynamic Monitoring of Long-Period Structures Using Real-time Kinematic DGPS), 2006 - 2009

Jury Memberships

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Eskişehir Teknik Üniversitesi, March, 2024

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, İstanbul Teknik Üniversitesi, February, 2024

Associate Professor Exam, Associate Professor Exam, Yıldız Teknik Üniversitesi, December, 2023

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Yıldız Teknik Üniversitesi, October, 2023

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, İstanbul Aydın Üniversitesi,

October, 2023

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Yıldız Teknik Üniversitesi, June, 2023

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Gebze Teknik Üniversitesi, June, 2023

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Yıldız Teknik Üniversitesi, June, 2023

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Yıldız Teknik Üniversitesi, May, 2023

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Yıldız Teknik Üniversitesi, May, 2023

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Yıldız Teknik Üniversitesi, January, 2023

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Yıldız Teknik Üniversitesi, January, 2023

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Yıldız Teknik Üniversitesi, November, 2022

Associate Professor Exam, Associate Professor Exam, Yıldız Teknik Üniversitesi, October, 2022

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Gebze Teknik Üniversitesi, August, 2022

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Mersin Üniversitesi, June, 2022

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Yıldız Teknik Üniversitesi, May, 2022

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Yıldız Teknik Üniversitesi, May, 2022

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Yıldız Teknik Üniversitesi, May, 2022

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Yıldız Teknik Üniversitesi, October, 2021

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Yıldız Teknik Üniversitesi, August, 2021

Associate Professor Exam, Associate Professor Exam, Yıldız Teknik Üniversitesi, May, 2021

Associate Professor Exam, Associate Professor Exam, Yıldız Teknik Üniversitesi, February, 2021

Associate Professor Exam, Associate Professor Exam, Yıldız Teknik Üniversitesi, February, 2021

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Gebze Teknik Üniversitesi, August, 2020

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, İstanbul Gedik Üniversitesi, July, 2020

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Alanya Alaaddin Keykubat Üniversitesi, May, 2020

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Bursa Teknik Üniversitesi, February, 2020

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Bursa Teknik Üniversitesi, February, 2020

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Aydın Adnan Menderes Üniversitesi, December, 2019

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Gebze Teknik Üniversitesi, August, 2019

Associate Professor Exam, Associate Professor Exam, Yıldız Teknik Üniversitesi, March, 2019

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Kocaeli Üniversitesi, February,

2019

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, İstanbul Aydın Üniversitesi, January, 2019

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Altınbaş Üniversitesi, January, 2019

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Gebze Teknik Üniversitesi, November, 2018

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Yıldız Teknik Üniversitesi, August, 2018

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, İstinye Üniversitesi, August, 2018

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Yıldız Teknik Üniversitesi, March, 2018

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Mef Üniversitesi, March, 2018

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, İstanbul Teknik Üniversitesi, February, 2018

Doctoral Examination, Doktora yeterlik sınavı, YTÜ, November, 2017

Doctorate, Doktora Tez Savunma, YTÜ, September, 2017

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, İstanbul Gedik Üniversitesi, March, 2017

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Tekirdağ Namık Kemal Üniversitesi, November, 2013

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Maltepe Üniversitesi, October, 2012

Published journal articles indexed by SCI, SSCI, and AHCI

- 1. A new approach for the computation of design shear force in reinforced concrete walls subjected to seismic loads**
Seçkin A., Doran B.
STRUCTURAL DESIGN OF TALL AND SPECIAL BUILDINGS, vol.32, 2023 (SCI-Expanded)
- 2. Experimental and Numerical Investigation of Unreinforced Masonry Walls with and without Opening**
Doran B., Karşoğlu M., Ünsal Aslan Z., Vatansever C.
INTERNATIONAL JOURNAL OF ARCHITECTURAL HERITAGE, vol.17, no.11, pp.1833-1854, 2023 (SCI-Expanded)
- 3. Investigation of Shear Safety in Reinforced Concrete Walls According to TBEC-2018 Betonarme Perdelerin Kesme Güvenliğinin TBDY-2018'e Göre İncelenmesi**
SEÇKİN A., DORAN B.
Teknik Dergi/Technical Journal of Turkish Chamber of Civil Engineers, vol.34, no.5, pp.107-127, 2023 (SCI-Expanded)
- 4. Development of natural frequency in multi-span composite bridges with variable cross-section: Analytical and numerical solutions**
Saglik H., Balkaya C., Chen A., Ma R., DORAN B.
STRUCTURES, vol.45, pp.1657-1666, 2022 (SCI-Expanded)
- 5. Experimental Investigation of CFRP Strengthened Unreinforced Masonry Walls with Openings**
Doran B., Ulukaya S., Ünsal Aslan Z., Karşoğlu M., Yüzer N.
INTERNATIONAL JOURNAL OF ARCHITECTURAL HERITAGE, vol.16, no.12, pp.1907-1920, 2022 (SCI-Expanded)
- 6. A benchmark comparison and optimization of Gaussian process regression, support vector machines, and M5P tree model in approximation of the lateral confinement coefficient for CFRP-wrapped rectangular/square RC columns**
YETİLMEZSOY K., Sihag P., KIYAN E., DORAN B.
ENGINEERING STRUCTURES, vol.246, 2021 (SCI-Expanded)

7. **Numerical Modeling of Traditional Masonry Walls Strengthened with Grout Injection**
DORAN B., YÜZER N., AKTAN S., OKTAY D., ULUKAYA S.
INTERNATIONAL JOURNAL OF ARCHITECTURAL HERITAGE, vol.14, no.10, pp.1517-1532, 2020 (SCI-Expanded)
8. **Neural network model for seismic response of braced buildings**
DORAN B., Shen J. ', WEN R., Akbas B., Bozer A.
PROCEEDINGS OF THE INSTITUTION OF CIVIL ENGINEERS-STRUCTURES AND BUILDINGS, vol.170, no.3, pp.159-167, 2017 (SCI-Expanded)
9. **Seismic Performance and Retrofit Evaluation of an Existing Pile-Wharf Structure**
ERDOĞAN H., DORAN B., SEÇKİN A., Akbas B., ÇELİKOĞLU Y., BOSTAN T.
Journal of Performance of Constructed Facilities, vol.31, no.6, 2017 (SCI-Expanded)
10. **In-Plane Shear Behavior of Traditional Masonry Walls**
DORAN B., KÖKSAL H. O., AKTAN S., ULUKAYA S., OKTAY D., YÜZER N.
INTERNATIONAL JOURNAL OF ARCHITECTURAL HERITAGE, vol.11, no.2, pp.278-291, 2017 (SCI-Expanded)
11. **Elastoplastic Finite Element Analysis of Masonry Shear Walls**
Köksal H. O., Doran B., Kuruşcu A. O., Koçak A.
KSCE JOURNAL OF CIVIL ENGINEERING, vol.20, pp.784-791, 2016 (SCI-Expanded)
12. **Seismic axial loads in steel moment resisting frames**
Shen J., Akbas B., Seker O., DORAN B., Wen R., Uckan E.
INTERNATIONAL JOURNAL OF STEEL STRUCTURES, vol.15, no.2, pp.375-387, 2015 (SCI-Expanded)
13. **Seismic Evaluation of Existing Wharf Structures Subjected to Earthquake Excitation: Case Study**
DORAN B., Shen J., Akbas B.
EARTHQUAKE SPECTRA, vol.31, no.2, pp.1177-1194, 2015 (SCI-Expanded)
14. **Application of fuzzy logic approach in predicting the lateral confinement coefficient for RC columns wrapped with CFRP**
Doran B., Yetilmezsoy K., Murtazaoğlu S.
ENGINEERING STRUCTURES, vol.88, pp.74-91, 2015 (SCI-Expanded)
15. **Uncertainty Definition on the Constitutive Models for RC Columns Wrapped with FRP**
DORAN B., ERDÖLEN A., Akbas B., KÜTÜÇ Z., KÖKSAL H. O.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.39, no.11, pp.7535-7548, 2014 (SCI-Expanded)
16. **An Experimental Investigation on Flexural Behavior of RC Beams Strengthened with Different Techniques**
Onal M. M., Zengin B., Koçak A., Doran B.
KSCE JOURNAL OF CIVIL ENGINEERING, vol.18, pp.2162-2169, 2014 (SCI-Expanded)
17. **Seismic demand on brace-intersected beams in two-story X-braced frames**
Shen J., Wen R., Akbas B., Doran B., Uckan E.
ENGINEERING STRUCTURES, vol.76, pp.295-312, 2014 (SCI-Expanded)
18. **Soil-pile interaction effects in wharf structures under lateral loads**
DORAN B., SECKIN A.
STRUCTURAL ENGINEERING AND MECHANICS, vol.51, no.2, pp.267-276, 2014 (SCI-Expanded)
19. **Effect of various span lengths on seismic demand on column splices in steel moment frames**
Akbas B., Doran B., Sabol T. A., Seker O., Toru P., Shen J.
ENGINEERING STRUCTURES, vol.70, pp.94-105, 2014 (SCI-Expanded)
20. **Computational material modeling of masonry walls strengthened with fiber reinforced polymers**
KÖKSAL H. O., Jafarov O., DORAN B., AKTAN S., Karakoc C.
STRUCTURAL ENGINEERING AND MECHANICS, vol.48, no.5, pp.737-755, 2013 (SCI-Expanded)
21. **Interval finite element analysis of masonry-infilled walls**
ERDÖLEN A., DORAN B.
STRUCTURAL ENGINEERING AND MECHANICS, vol.44, no.1, pp.73-84, 2012 (SCI-Expanded)
22. **Monitoring Roof Displacements with GPS in a Long Period Structure**
Sayim I., Akbaş B., DORAN B.
TEKNIK DERGI, vol.23, no.3, pp.6017-6036, 2012 (SCI-Expanded)

23. **Stress-strain model for fibre-reinforced polymer confined rectangular columns**
KÖKSAL H. O., DORAN B.
PROCEEDINGS OF THE INSTITUTION OF CIVIL ENGINEERS-STRUCTURES AND BUILDINGS, vol.164, no.6, pp.391-408, 2011 (SCI-Expanded)
24. **Prediction of lateral confinement coefficient in reinforced concrete columns using neural network simulation**
Alacali S., Akbas B., DORAN B.
APPLIED SOFT COMPUTING, vol.11, no.2, pp.2645-2655, 2011 (SCI-Expanded)
25. **Compressive behavior of large-scale square reinforced concrete columns confined with carbon fiber reinforced polymer jackets**
Turgay T., POLAT Z., Koksak H. O., DORAN B., Karakoc C.
MATERIALS & DESIGN, vol.31, no.1, pp.357-364, 2010 (SCI-Expanded)
26. **A MAGNIFIED BEAM ALGORITHM TO DETERMINE THE COUPLING RATIOS OF R/C COUPLED SHEAR WALL**
Doran B.
STRUCTURAL DESIGN OF TALL AND SPECIAL BUILDINGS, vol.18, no.8, pp.921-929, 2009 (SCI-Expanded)
27. **Nonlinear finite element modeling of rectangular/square concrete columns confined with FRP**
DORAN B., Koksak H. O., Turgay T.
MATERIALS & DESIGN, vol.30, no.8, pp.3066-3075, 2009 (SCI-Expanded)
28. **Numerical simulation of conventional RC columns under concentric loading**
Doran B.
MATERIALS & DESIGN, vol.30, pp.2158-2166, 2009 (SCI-Expanded)
29. **A practical approach for modeling FRP wrapped concrete columns**
Köksal O., DORAN B., Turgay T.
CONSTRUCTION AND BUILDING MATERIALS, vol.23, no.3, pp.1429-1437, 2009 (SCI-Expanded)
30. **Nonlinear modeling of concentrically loaded reinforced blockwork masonry columns**
Koksak H. O., DORAN B., Ozsoy A. E., ALACALI S.
CANADIAN JOURNAL OF CIVIL ENGINEERING, vol.31, no.6, pp.1012-1023, 2004 (SCI-Expanded)

Articles Published in Other Journals

1. **Effect of time step interval and time integration schemes in Pseudo-Dynamic analysis**
Öztürk S., DORAN B., Aksoylar C.
Structures, vol.50, pp.215-230, 2023 (Scopus)
2. **The positioning performance of low-cost GNSS receivers in the Precise Point Positioning method**
Karabulut M. F., Aykut N. O., Akpınar B., Oku Topal G., Çakmak Z. B., Doran B., Dindar A. A., Yiğit C. Ö., Bezcioglu M., Zafer A.
Advances in Geodesy and Geoinformation, vol.71, no.2, 2022 (ESCI)
3. **An investigation on the flexural behaviour of RC beams wrapped with CFRP**
dalyan i., DORAN B.
International Advanced Researches and Engineering Journal, vol.5, no.1, pp.97-105, 2021 (Peer-Reviewed Journal)
4. **Seismic Performance Evaluation of Reinforced Concrete Moment Frames with Gravity Columns**
AKBAŞ B., DORAN B., BOZER A., ŞEKER O., FAYTAROUNI M., Shen J.
Practice Periodical on Structural Design and Construction, vol.25, no.2, pp.4020004, 2020 (ESCI)
5. **Investigation of Natural Frequency for Continuous Steel Bridges with Variable Cross-sections by using Finite Element Method**
SAĞLIK H., DORAN B., BALKAYA C.
International journal of engineering technologies-IJET, 2018 (Peer-Reviewed Journal)
6. **Betonarme Yapılarda Burkulması Önlenmiş Çelik Çapraz Elemanların Doğrusal Olmayan Davranışa Etkisi**

- DORAN B., ŞENOL E., Köse İ.
Dokuz Eylül Üniversitesi Fen ve Mühendislik Dergisi, vol.59, no.20, pp.299-314, 2018 (Peer-Reviewed Journal)
7. **Hava Kireci Kullanılarak Üretilen Tarihi Yığma Duvarlarda Bünyesel Modelleme**
DORAN B., Aktan S.
Dokuz Eylül Üniversitesi Fen ve Mühendislik Dergisi, vol.19, no.56, pp.314-329, 2017 (Peer-Reviewed Journal)
8. **The Failure Probability of The Coupling Beams with Monte Carlo Simulation**
DORAN B., Alacalı S.
Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, vol.19, no.55, pp.92-99, 2017 (Peer-Reviewed Journal)
9. **Estimating stiffness modification factor for the coupling beam of coupled shear walls using a neural network model**
AKBAŞ B., DORAN B., ALACALI S., AKŞAR B.
Karaelmas Fen ve Mühendislik Dergisi, vol.6, no.1, pp.273-282, 2016 (Peer-Reviewed Journal)
10. **Hysteretic Energy to Energy Input Ratio Spectrum In Nonlinear Systems**
AKBAŞ B., AKŞAR B., DORAN B., ALACALI S.
Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, vol.18, no.53, pp.239-254, 2016 (Peer-Reviewed Journal)
11. **CFRP ile güçlendirilmiş betonarme kolonların basınç dayanımının çoklu regresyon modelleriyle tahmini**
Murtazaoğlu S., Yetilmezsoy K., Doran B.
Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.31, pp.172-178, 2015 (Peer-Reviewed Journal)
12. **Donatısız yığma duvarların sonlu eleman analizinde elastoplastik yaklaşım**
JAFAROV O., KOKSAL H. O., DORAN B., KARAKOC C.
YTÜ-Sigma Mühendislik ve Fen Bilimleri Dergisi, vol.30, no.2, pp.133-143, 2012 (Peer-Reviewed Journal)
13. **Yielding Analysis for Short Columns with Confined Concrete Having Circular Section Considering Strain Hardening in Reinforcement**
DORAN B., ALACALI S., ÜNAL A.
Yıldız Teknik Üniversitesi Dergisi, no.4, pp.59-68, 2003 (Peer-Reviewed Journal)
14. **Elastic-Plastic Analysis Of R/C Coupled Shear Walls : The Equivalent**
Doran B.
Indian Institute of Science, vol.83, no.1, pp.87-94, 2003 (Peer-Reviewed Journal)
15. **Dikdörtgen Kesitli Kuşatılmış Betonarme Kolonların Pekleşme Etkisi Gözönüne Alınarak Çözümü**
ALACALI S., DORAN B.
Yıldız Teknik Üniversitesi Dergisi, no.1, pp.57-70, 2003 (Peer-Reviewed Journal)
16. **Simetrik Boşluklu Perdelerde Elastik Davranış Sınırları İçerisinde Üst Kat Bağ Kirişi Rijitliğinin Belirlenmesi İçin Bir Yaklaşım**
ALACALI S., DORAN B.
Yıldız Teknik Üniversitesi Dergisi, no.1, pp.9-18, 2003 (Peer-Reviewed Journal)
17. **Design for short Columns with Confined Concrete Having Circular Section**
ALACALI S., Doran B., Ünal A.
Yıldız Teknik Üniversitesi Dergisi, no.2, pp.69-78, 2003 (Peer-Reviewed Journal)
18. **A Statistical Analysis for the Equivalent Stiffness Ratio of the Tie elements of R C Coupled Shear Walls**
DORAN B., ALACALI S., POLAT Z.
Yıldız Teknik Üniversitesi Dergisi, no.2, pp.60-68, 2003 (Peer-Reviewed Journal)
19. **Drucker-Prager Akma Kriteri Kullanılarak Betonda Doğrusal Olmayan Davranışın İncelenmesi**
DORAN B., Köksal H. O.
YTÜ Dergisi, vol.1, no.1, pp.1-10, 2000 (Peer-Reviewed Journal)
20. **Boşluklu Perde Analizinde Bağ Kirişi Rijitliği Hesabı için Yeni Bir Formül**
DORAN B., Polat Z.
İMO, Teknik Dergi, vol.10, no.3, pp.1973-1982, 1999 (Peer-Reviewed Journal)

21. **Betonarme Elemanlarda Sonlu Eleman Uygulamalarında Drucker-Prager Akma Kriteri Kullanılması**
DORAN B., KOKSAL H. O., Polat Z., KARAKOC C.
İMO, Teknik Dergi, vol.9, no.2, pp.1617-1625, 1998 (Peer-Reviewed Journal)
22. **Beton ve Betonarme Elemanlarda Doğrusal Olmayan Oktahedral Elastik ve Plastik Bağıntılar Kullanılarak Yapılan Sonlu Eleman Uygulamaları**
KOKSAL H. O., DORAN B.
İMO, Teknik Dergi, vol.8, no.3, pp.1445-1455, 1997 (Peer-Reviewed Journal)

Books

1. **Yapı Sistemlerinin Matris Yöntemlerle Hesabı**
DORAN B.
NOBEL Yayınevi, 2020
2. **Yapı Mühendisliği Problemlerinde SAP2000 Uygulamaları**
Doran B., Bozer A., Akbaş B., Şenol E.
Birsen, İstanbul, 2019
3. **Yapı Sistemlerinin Matris Yöntemlerle Hesabı**
Doran B.
YTÜ, İstanbul, 2018
4. **Strain-Based Seismic Performance Evaluation of Prefabricated Structures**
Seçkin A., Atalay H., Erdoğan H., DORAN B., Akbaş B.
in: Seismic Isolation, Structural Health Monitoring, and Performance Based Seismic Design in Earthquake Engineering, Kasimzade, A.A., Safak, E., Ventura, C.E., Naeim, F., Mukai, Y., Editor, Springer, Cham, Cham, pp.343-354, 2018
5. **Seismic Energy Demands of Inverted V-Braced Frames**
Doğru S., Akşar B., Akbaş B., Shen J., DORAN B.
in: Seismic Isolation, Structural Health Monitoring, and Performance Based Seismic Design in Earthquake Engineering, Kasimzade, A.A., Safak, E., Ventura, C.E., Naeim, F., Mukai, Y. (Eds.), Editor, Springer, Cham, Cham, pp.285-293, 2018
6. **Seismic Response of Coastal and Port Structures**
YÜKSEL Y., DORAN B., Yuksel T., ÇEVİK E.
in: Handbook of Coastal and Ocean Engineering, Prof. Dr. Young C. Kim, Editor, World Scientific Publishing, pp.401-434, 2017
7. **Strengthening R/C and Masonry Structures with Fiber Reinforced Polymers in Disaster Areas**
DORAN B., Koksall H. O., AKBAS B.
in: Engaging the Public to Fight the Consequences of Terrorism and Disasters, Apostol I., Mamasakhlisi J., Subotta T., Reimer DWG., Editor, Ios Pres Bv, Georgia, pp.128-139, 2014
8. **Yapı Sistemlerinin Matris Yöntemlerle Hesabı**
Doran B.
Ytü, İstanbul, 2012
9. **Yapısal Analiz Programı SAP 2000 Bilgi Aktarımı ve Kullanımı**
DORAN B., ALACALI S.
Birsen Yayınevi, İstanbul, 2004
10. **Yapısal Analiz Programı SAP 2000 Bilgi Aktarımı ve Kullanımı**
DORAN B., ALACALI S.
Birsen Yayınevi, İstanbul, 2004
11. **Yapı Statiği 1**
Doran B.
Ytü, İstanbul, 1998

Papers Published in Refereed Scientific Meetings

1. **Şubat 2023 Depremlerinin Bölgede Oluşturduğu Etkiler ve Yapay Zeka ile Afet Yönetim Planlaması**
Doğan U., Yüzer N., Acar U., Akbaba M. F., Akbulut M. T., Akgün C., Akın O., Akkaya H. C., Akpınar B., Aktaş Z., et al.
Türkiye Ulusal Jeodezi Komisyonu (TUJK) XXII. Sempozyumu 2023, Trabzon, Turkey, 29 November - 01 December 2023, pp.5-6
2. **Effect of Location in Plan of Reinforced Concrete Shear Walls on Nonlinear Behavior**
Erden S., DORAN B.
7th International Conference on Earthquake Engineering and Seismology (7ICEES), Antalya, Turkey, 06 November 2023
3. **ANALYTICAL INVESTIGATION OF CFRP STRENGTHENED UNREINFORCED MASONRY WALLS**
Ünsal Aslan Z., Karşlıoğlu M., Alacalı S., Doran B.
V. INTERNATIONAL HALICH CONGRESS ON MULTIDISCIPLINARY SCIENTIFIC RESEARCH, İstanbul, Turkey, 15 - 16 January 2023, pp.135-143
4. **NUMERICAL INVESTIGATION OF CFRP STRENGTHENED UNREINFORCED MASONRY WALLS**
ÜNSAL ASLAN Z., DORAN B., KARSLIOĞLU M.
4. Uluslararası Mühendislik Bilimleri ve Multidisipliner Yaklaşımlar Kongresi, 03 November 2022
5. **Düşük Maliyetli GNSS Sistemleri ile Dinamik Davranışların Belirlenmesi**
Oku Topal G., Akpınar B., Karabulut M. F., Aykut N. O., Yiğit C. Ö., Dindar A. A., Doran B., Bezicioğlu M., Zafer A., Çakmak Z. B.
Türkiye Ulusal Jeodezi Komisyonu 2022 Yılı Bilimsel Toplantısı, Kocaeli, Turkey, 2 - 04 November 2022, pp.1-2
6. **THE POSITIONING PERFORMANCE OF LOW-COST GNSS RECEIVERS IN PRECISE POINT POSITIONING METHOD**
Karabulut M. F., Aykut N. O., Akpınar B., Oku Topal G., Çakmak Z. B., Doran B., Dindar A. A., Yiğit C. Ö., Karadeniz B., İnam İ. E.
International Symposium on Applied Geoinformatics (ISAG2021), Riga, Latvia, 2 - 03 December 2021, pp.1-6
7. **Düşük Maliyetli GNSS Alıcılarının Farklı Anten Tiplerine Göre Konum Doğruluklarının Belirlenmesi**
KARABULUT M. F., AYKUT N. O., AKPINAR B., YİĞİT C. Ö., OKU TOPAL G., KARADENİZ B., ÇAKMAK Z. B., DORAN B., DİNDAR A. A.
TÜRKİYE ULUSAL JEODEZİ KOMİSYONU (TUJK) 2021 YILI BİLİMSEL TOPLANTISI, 25 - 27 November 2021
8. **NONLINEAR FINITE ELEMENT ANALYSIS OF STONE MASONRY-SOLID WALL**
Hothot Y. M., Dinç Şengönül B., Doran B., Yüzer N.
6th International Conference on Earthquake Engineering and Seismology, Kocaeli, Turkey, 13 October 2021
9. **EXPERIMENTAL INVESTIGATION OF CFRP STRENGTHENED UNREINFORCED MASONRY WALLS**
ÜNSAL ASLAN Z., KARSLIOĞLU M., DORAN B.
6th International Conference on Earthquake Engineering and Seismology, Kocaeli, Turkey, 13 October 2021
10. **Nonlinear Behaviour Of Two-Whyte Stone Walls. 12th International Conference on Structural Analysis of Historical Constructions**
DİNÇ ŞENGÖNÜL B., HOTHOT Y. M., DORAN B., YÜZER N., ULUKAYA S., OKTAY D.
12th International Conference on Structural Analysis of Historical Constructions SAHC 2020, Barcelona, Spain, 29 September 2021
11. **Nonlinear Behaviour of Two-Whyte Stone Walls**
Dinç Şengönül B., Hothot Y. M., Doran B., Yüzer N., Ulukaya S., Oktay D.
12th INTERNATIONAL CONFERENCE ON STRUCTURAL ANALYSIS OF HISTORICAL CONSTRUCTIONS SAHC2020, Barcelona, Spain, 29 September - 01 October 2021, pp.2136-2145
12. **Constitutive Modeling of Unreinforced Masonry Walls With and Without Openings**
KARSLIOĞLU M., ÜNSAL ASLAN Z., DORAN B., VATANSEVER C.
14th INTERNATIONAL CONGRESS ON ADVANCES IN CIVIL ENGINEERING, İstanbul, Turkey, 06 September 2021
13. **Finite Element Applications of Stone Masonry Walls**
Hothot Y. M., Dinç Şengönül B., Doran B., Yüzer N.
14th INTERNATIONAL CONGRESS ON ADVANCES IN CIVIL ENGINEERING, İstanbul, Turkey, 06 September 2021

14. **Elastoplastic Analysis of Masonry Walls With Opening**
Nurkoviç E., KARSLIOĞLU M., ÜNSAL ASLAN Z., DORAN B.
The 2th International Symposium on Applied Sciences and Engineering (ISASE), Erzurum, Turkey, 07 April 2021
15. **Nonlinear Finite Element Analysis of Unreinforced Masonry Walls**
Cıplak B. M., KARSLIOĞLU M., ÜNSAL ASLAN Z., DORAN B.
3rd International Symposium on Multidisciplinary Studies and Innovative Technologies, 10 - 12 November 2019
16. **Study on Dynamic Amplification Factor in Shear Walls**
SEÇKİN A., ERDOĞAN H., BAYHAN B., DORAN B.
5. International Conference on Earthquake Engineering and Seismology (5ICEES), 8 - 11 October 2019
17. **A Study on Dynamic Amplification Factor in Shear Walls**
Seçkin A., Erdoğan H., Bayhan B., Doran B.
5. International Conference on Earthquake Engineering and Seismology (5ICEES), Ankara, Turkey, 8 - 11 October 2019, pp.1-8
18. **Investigation of Dynamic Shear Force Amplification in Reinforced Concrete Shear Walls Considering the Different Soil Classes of TEC-2018**
Seçkin A., Erdoğan H., Bayhan B., Doran B.
IESKO 2019, VI. International Earthquake Symposium, Kocaeli, Turkey, 25 - 27 September 2019, pp.1-4
19. **Nonlinear Analysis of Buried Pipes Under the Static Loads**
Atasoy R., DORAN B., KILIÇ H.
3rd International Conference on Organic Electronic Material Technologies, 20 - 22 September 2018
20. **Soil-Pile-Structure Interaction In R/C Frame**
Keskin E., Şahin B., Fahjan Y., DORAN B.
3. ICOCEE, İzmir, Turkey, 24 April 2018, pp.29
21. **The Seismic Performance of Mid-Rise and Low-Rise Building with V-Braced Type Eccentrically Steel Braced Frames**
Demir F., Yıldırım A. M., DORAN B.
3. ICOCEE, İzmir, Turkey, 24 April 2018, pp.409-420
22. **Nonlinear Analysis of RC Beams Wrapped with CFRP**
Ayaydın M., Dalyan İ., DORAN B.
3. ICOCEE, İzmir, Turkey, 24 April 2018, pp.1-12
23. **Farklı Tekniklerle Güçlendirilmiş Betonarme Kirişlerin Eğilme Davranışı**
Dalyan İ., DORAN B., Aktan S., Köksal H. O.
4. Uluslararası Deprem Mühendisliği ve Sismoloji Konferansı, Eskişehir, Turkey, 11 October 2017, pp.1-9
24. **An Analytical and Experimental Study of Time Integration Methods in Pseudo Dynamic Analysis**
Öztürk S., DORAN B., Aksoylar C.
ICOCEE – Cappadocia2017, Nevşehir, Turkey, 08 May 2017, pp.1-10
25. **Strain-Based Seismic Performance Evaluation of Prefabricated Structures**
Atalay H. M., Erdoğan H., DORAN B., Akbaş B.
AERS 2016, 01 November 2016
26. **Seismic Energy Demands of Inverted V- Braced Frames**
Doğru S., Akşar B., Akbaş B., Shen J., DORAN B.
AERS2016, Samsun, Turkey, 24 October 2016, pp.1-8
27. **Mevcut Endüstri Yapısının Birim Şekil Değiştirme Esaslı Performans Değerlendirmesi**
Atalay M., Erdoğan H., DORAN B., Akbaş B.
01 October 2015
28. **Bağımsız Proje Denetiminin Esasları ve Hesap Raporu Hazırlanması**
DORAN B., Siyahi B.
01 October 2015
29. **Seismic Energy Response of Two Story X-Braced Frames**
Akşar B., Akbaş B., Shen J., DORAN B.
01 October 2015

30. **Merkezi Çaprazlı Çerçevelerde Arttırılmış Deprem Etkileri**
Doğru S., Akbaş B., Shen J., DORAN B.
01 October 2015
31. **Constitutive Modeling of Unreinforced Masonry Walls**
Aktan S., Doran B., Köksal H. O., Yüzer N., Ulukaya S., Oktay D., Akbaş B.
ACM 2015-International Conference on Advances in Applied and Computational Mechanics, İzmir, Turkey, 5 - 07 August 2015, pp.10-16
32. **Ductility Enhancement in Reinforced Concrete Structure with Buckling-Restrained Braced Frames**
Kose I., DORAN B., Mezrea P. E., Akbas B.
ACE 2015, 01 June 2015
33. **Multi-Level Seismic Energy Demands In Steel Moment Frames**
Akşar B., Akbas B., Shen J., DORAN B.
TMMOB, 01 May 2015
34. **Amplified Seismic Load Effects For Collapse Prevention Performance Level In Steel Moment Frames**
Doğru S., Akbas B., Shen J., DORAN B.
TMMOB, 01 May 2015
35. **İskele Kazıklarının Sayısal Analizleri**
Şenol E., Doran B., Selçuk M. E., Berilgen M., Yüksel Y.
8.Kıyı Mühendisliği Sempozyumu, TMMOB,, İstanbul, Turkey, 07 November 2014, vol.1, pp.357-368
36. **iskele Kazıklarının Sayısal Analizi**
ŞENOL E., DORAN B., SELÇUK M. E., BERİLGEN M. M., YÜKSEL Y.
8. Kıyı Mühendisliği Sempozyumu, TMMOB istanbul Şubesi, Turkey, 7 - 08 November 2014, vol.1, pp.357-368
37. **Numerical Modeling for the Flexural Behavior of Reinforced Concrete Beams Strengthened with FRP Sheets**
Polat K., Köksal H. O., DORAN B., Deliktaş B.
ACE 2014, 01 October 2014
38. **Mühendislik Sistemlerinde Belirsizliklerin İnterval (Aralık) Analizi Yöntemi ile Tanımlanması**
Erdölen A., Mermer A., Doran B.
27.Ulusal Matematik Sempozyumu, İstanbul, Turkey, 26 - 29 August 2014, pp.1-6
39. **Comparative Seismic Designs of SCBF Using AISC 341-05 and AISC 341-10**
Akbaş B., DORAN B., Uçkan E., Şeker O., Şeker P., Shen J.
Earthquake Engineering Research Institute, Anchorage, AK, 2014, 01 June 2014
40. **Non-linear static analysis of strengthened existing RC frame building using additional RC walls**
DORAN B., KOÇAK A., Kaya E., Kütan C.
Vienna Congress on Recent Advances in Earthquake Engineering and Structural Dynamics 2013, Vienna, Austria, 28 August 2013, pp.1-9
41. **Non-linear static analysis of strengthened existing RC frame building using steel braces**
DORAN B., Akbaş B., Şenol E., Şeker O.
Vienna Congress on Recent Advances in Earthquake Engineering and Structural Dynamics 2013 (VEESD 2013), 01 August 2013, vol.1, pp.1-9
42. **Nonlinear Behaviour of RC Beams Wrapped with FRP Composites**
Aktan S., DORAN B., Köksal H. O.
Vienna Congress on Recent Advances in Earthquake Engineering and Structural Dynamics 2013 (VEESD 2013), 01 August 2013, vol.1, pp.1-9
43. **Karbon Esaslı Lifli Polimerler (CFRP) ile Güçlendirilmiş Betonarme Kolonlarda Kuşatma Katsayılarının Yapay Sinir Ağları ile Tahmini**
Doran B., Yetilmezsoy K., Murtazaoğlu S.
I. Türk Bilgisayar ve Matematik Eğitimi Sempozyumu, Trabzon, Turkey, 20 - 22 June 2013, vol.1, pp.1-8
44. **Seismic Analysis of A Historical Monuments: Davutpasa Barracks**
KOÇAK A., DORAN B., Kaya E., Kütan C.
First International Conference on Performance-based and Life-cycle Structural Engineering, Hong Kong, China, 05

December 2012, pp.1620-1626

45. **Non-Linear Static Analysis of Vertical/Batter Pile-Wharf Structures**
DORAN B., Yüksel Y., Çakır C., Korkmaz Ş., Seçkin A.
ISOPE-2012, 01 December 2012, vol.1, pp.1-6
46. **Donatısız Yığıma Duvarların Elasto-Plastik Analizi**
DORAN B., Köksal H. O., Jafarov O.
100. Yıl Teknik Kongresi, 01 November 2012, vol.1, pp.1-11
47. **Pushover Analysis for Performance Based-Seismic Design of RC Frames with Shear Walls**
DORAN B., Akbaş B., Kubin J.
15WCEE, 01 September 2012, vol.1, pp.1-8
48. **Modeling of the shear behavior of unreinforced and strengthened masonry walls**
Jafarov O., DORAN B., Karakoç C.
15WCEE, 01 September 2012, vol.1, pp.1-8
49. **Performance Based Design of a Pile-Wharf Structure Subjected to Eartquake Excitation in Turkey**
Siyahi B., AKBAS B., Fahjan Y., DORAN B.
Second International Conference on Performance-Based Design in Earthquake Geotechnical Engineering, 01 May 2012, vol.1, pp.1-10
50. **Düşey/Eğik Kazıklı İskele Yapılarının Doğrusal Olmayan Statik Çözümlemesi**
DORAN B., YÜKSEL Y., Çakır Y., Koroglu M. E., SECKIN A., Korkmaz S.
7. Kıyı Mühendisliği Konferansı, 01 November 2011, vol.1, pp.1-10
51. **Uzun Periyotlu bir Yapıda Yapısal Sağlık İzlemesi ve Deprem Performansının Belirlenmesi**
DORAN B., AKBAS B., SAYIM İ., FAHJAN Y., ALACALI S.
1.Türkiye Deprem Mühendisliği ve Sismoloji Konferansı, Ankara, Turkey, 11 - 14 October 2011, pp.1-10
52. **Computational Analysis of Fibre Reinforced Polymer-Confined Masonry Columns**
Aktan S., DORAN B., Karakoç C.
Proceedings of the Thirteenth International Conference on Civil, Structural and Environmental Engineering Computing, 01 September 2011, vol.1, pp.1-8
53. **Kazıklı İskelelerin Deprem Performanslarının Değerlendirilmesi**
Siyahi B., Fahjan Y., DORAN B., AKBAS B., T O.
Yedinci Ulusal Deprem Mühendisliği Konferansı, 01 June 2011, vol.1, pp.1-10
54. **Uzun Periyotlu bir Yapıda Yapısal Sağlık İzlemesi ve Deprem Performansının Belirlenmesi**
DORAN B., AKBAS B., Sayım İ., Fahjan Y., ALACALI S.
1.Türkiye Deprem Mühendisligi ve Sismoloji Konferansı, Ankara, Turkey, 01 May 2011, pp.1-10
55. **Structural Modeling and Use of Real-Time Kinematic GPS for Monitoring of a Long-Period Building**
AKBAS B., Sayım I., DORAN B.
14th European Conference on Earthquake Engineering, 01 September 2010, vol.1, pp.1-8
56. **Modelling The in-Plane Behavior of Unreinforced Masonry Walls**
Kuruşcu A. O., Doran B., Altınsoy F., Koksal H. O.
MONUBASIN - 8th International Symposium on the Conservation of Monuments in the Mediterranean Basin, Patras, Greece, 30 May 2010, vol.1, pp.51-53
57. **Yapılarda Betonarme Kolonların Etkin Güçlendirilmesi**
Turgay T., Köksal H. O., Doran B.
Ulusal Deprem Sempozyumu, Bolu, Turkey, 01 January 2009, pp.1-10
58. **Soil structure analysis of a structure over twin metro tunnels (In Turkish)**
Berilgen M. M., Doran B., Yıldırım S., Bulut A.
Zemin Mekaniği ve Temel Mühendisliği, İstanbul, Turkey, 01 November 2007, vol.1, pp.1-10
59. **Betonarme Deniz Yapılarında Korozyon Hasarının Tespiti**
AKÖZ F., YÜKSEL Y., YÜZER N., DORAN B.
6. Ulusal Kıyı Mühendisliği Sempozyumu, İzmir, Turkey, 25 October 2007, pp.235-242
60. **Predicting Lateral Confinement Coefficient for R C Rectangular Columns By a Neural Network Model**
ALACALI S., Akbaş B., Doran B.

First European Conference on earthquake Engineering and Seismology, Geneva, 08 September 2006, pp.3-8

61. **The Mesh Size Dependence Problem in the Nonlinear Finite Element Analysis of Reinforced Concrete Members**

DORAN B., Koksal H. O.

Küçük Çekmece ve Yakın Çevresi Teknik Kongresi, 01 October 2003, vol.1, pp.1-10

62. **Boşluklu Perde Bağlantı Kirişleri Hesabı**

Doran B., Polat Z.

Prof. Dr. Rifat Yarar Sempozyumu, İstanbul, Turkey, 01 January 1997, pp.303-310

Academic and Administrative Experience

2020 - Continues	Head of Department	Yildiz Technical University, Faculty of Civil Engineering, Civil Engineering Department
2019 - Continues	Fakülte Yayın Kurulu Üyeliği	Yildiz Technical University, Faculty of Civil Engineering
2016 - 2019	Deputy Head of Department	Yildiz Technical University, Faculty of Civil Engineering, Civil Engineering Department
2008 - 2011	Deputy Head of Department	Yildiz Technical University, Faculty of Civil Engineering, Civil Engineering Department

Courses

Doctorate

İleri Yapı Statiği, Doctorate, 2018 - 2019

Postgraduate

Yapı Sistemlerinin Hesabında Matris Yöntemler, Postgraduate, 2010 - 2011

Undergraduate

Yapı Statiği 1, Undergraduate, 2018 - 2019

Yapı Statiği 3, Undergraduate, 2018 - 2019

Yapı Statiği 2, Undergraduate, 2018 - 2019

Yapı Mühendisliğinde Bilgisayar Uygulamaları, Undergraduate, 2010 - 2011

Betonarme Yapılar ve Temel Tasarımı, Undergraduate, 2010 - 2011

Betonarme Yapı Tasarımı, Undergraduate, 2010 - 2011

Supervised Theses

Doran B., Betonarme yapılarda perde yerleşiminin doğrusal olmayan davranışa etkisi, Postgraduate, S.Erden(Student), 2024

Doran B., BOŞLUKLU YIĞMA DUVARLARIN ELASTİK-PLASTİK ANALİZİ, Doctorate, M.KARSLIOĞLU(Student), 2023

Doran B., Boşluklu donatısız yığma duvarların lif takviyeli polimer ile güçlendirme teknikleri, Doctorate, Z.ÜNSAL(Student), 2022

Doran B., Donatısız Yığma Duvarların Makro Modelleme Yaklaşımı ile Doğrusal Olmayan Analizi, Postgraduate, E.NURKOVIC(Student), 2022

Doran B., Donatısız Yığma Duvarların Doğrusal Olmayan Analizi, Postgraduate, M.Buğra(Student), 2020

Doran B., Gömülü Betonarme Boruların Davranışı ve Boyutlandırılması, Postgraduate, R.ATASOY(Student), 2019

DORAN B., Lifli Polimerler İle Güçlendirilmiş Betonarme Kirişlerin Sonlu Elemanlar Yöntemi İle Hesabı, Postgraduate,

M.AYAYDIN(Student), 2019
DORAN B., D-Tipi Dışmerkez Çelik Çaprazlı Çerçeve Sistemlerin Yatay Yükler Altında Davranışı, Postgraduate, B.Demirezen(Student), 2019
DORAN B., Lifli Polimerle Farklı Biçimlerde Güçlendirilmiş Betonarme Kirişlerin Eğilme Performanslarının Belirlenmesi, Doctorate, İ.Dalyan(Student), 2019
DORAN B., V-Tipi Kısa Bağ Kirişli Çelik Çaprazlı Çerçeve Sistemlerin Deprem Performansı, Postgraduate, F.Demir(Student), 2019
DORAN B., Betonarme Çerçevesel Bir Yapıda Yapı-Kazık-Zemin Etkileşimi Dikkate Alınarak Kazık Tasarımı, Postgraduate, E.Keskin(Student), 2018
DORAN B., Değişken Kesitli Sürekli Köprülerde Serbest Doğal Frekans Tahmini, Postgraduate, H.Sağlık(Student), 2018
Doran B., Zaman integrasyon şemalarının eşdeğer dinamik test sonuçlarına etkisi, Postgraduate, S.ÖZTÜRK(Student), 2017
DORAN B., Düzlem İçi Yükler Etkisinde Kalan Yığma Duvarlarda Bünyesel Modelleme, Doctorate, S.Aktan(Student), 2016
DORAN B., Betonarme Yapılarda Burkulması Önlenmiş Çapraz Elemanların Doğrusal Olmayan Davranışa Etkisi, Postgraduate, İ.Köse(Student), 2015
DORAN B., Karbon Esaslı Lifli Polimerler (CFRP) İle Güçlendirilmiş Betonarme Kolonlarda Sargılı Beton Basınç Dayanımının Bulanık Mantık Yaklaşımı, Postgraduate, S.Murtazaoglu(Student), 2013
DORAN B., Düşey Ve Eğik Kazıklı İskele Yapılarında Zemin-Kazık Etkileşiminin Detaylı Ve Basitleştirilmiş Modeller İle İrdelenmesi, Postgraduate, S.Oruç(Student), 2013
DORAN B., Kazık destekli yanaşma yapılarının sismik yükler altında tasarımı, Postgraduate, M.Köroğlu(Student), 2012
DORAN B., Lifli Polimerle Güçlendirilmiş Yığma Duvarların Modellenmesi, Doctorate, O.Jafarov(Student), 2012
DORAN B., Düşey ve/veya Eğik Kazıklı İskele Yapılarında Zemin Yapı Etkileşimi, Postgraduate, Ş.Korkmaz(Student), 2012
DORAN B., Yığma duvar ve temellerde doğrusal olmayan modelleme, Doctorate, A.Osman(Student), 2012
DORAN B., Yanaşma Yapılarının Deprem Performanslarının Belirlenmesi, Postgraduate, A.Seçkin(Student), 2012
DORAN B., Rijit Öteleme Hareketine Maruz Mevcut Bir Yapının Deprem Performansının Doğrusal Olmayan Yöntem ile Belirlenmesi, Postgraduate, M.Akkuş(Student), 2011
DORAN B., Rijit Öteleme Hareketine Maruz Mevcut Dolgu Duvarlı Bir Yapının Deprem Performansının Artımsal Eşdeğer Deprem Yüğü Yöntemi ile Belirlenmesi, Postgraduate, Z.Gürpınar(Student), 2011
DORAN B., Yığma Yapı Elemanları ve Güçlendirme Teknikleri, Postgraduate, Ç.Kaya(Student), 2010
DORAN B., Dolgu Duvarların Modellenmesinde Kullanılan Eşdeğer Basınç Çubuğu Yöntemlerinin Karşılaştırılması, Postgraduate, Ö.Tar(Student), 2010
DORAN B., Uzun Periyotlu Betonarme Binaların Doğrusal Olmayan Hesap Yöntemi ile Değerlendirilmesi, Postgraduate, M.Pürselim(Student), 2009
DORAN B., Mevcut Bir Binanın Performansa Dayalı Tasarım İlkelerine göre Güçlendirilmesi, Postgraduate, N.Gürtekin(Student), 2009
DORAN B., Mevcut Kusurlu Bir Betonarme Yapıda Zemin-Yapı Etkileşimi, Postgraduate, E.Uzay(Student), 2009
DORAN B., Mevcut Bir Yüksek Yapıda Rüzgâr Yüğü Nedeniyle Meydana Gelecek P-? Etkileri, Postgraduate, Ö.Ayzit(Student), 2007
DORAN B., Tünel Kazısı Nedeniyle Meydana Gelen Zemin Oturmaları ve Bunların Mevcut Bir Yapıya Olan Etkisi, Postgraduate, A.Bulut(Student), 2007
DORAN B., FRP Sargılı Dikdörtgen Kesitli Betonarme Kolonların Yük Taşıma Kapasitelerinin Farklı Davranış Modellerine Göre İrdelenmesi, Postgraduate, E.BULUT(Student), 2006
DORAN B., Mevcut Bir Okul Yapısının Performans Yaklaşımı ile Güçlendirilmesi, Postgraduate, F.Akkan(Student), 2006

Peer Reviews in Scientific Publications

Engineering Structures, SCI Journal, July 2024

Structures, SCI Journal, February 2024

Engineering Structures, SCI Journal, January 2024

Engineering Structures, SCI Journal, September 2022

CONSTRUCTION AND BUILDING MATERIALS, SCI Journal, March 2022

ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, Journal Indexed in SCI-E, September 2020

Construction And Building Materials, SCI Journal, August 2020

STRUCTURAL DESIGN OF TALL AND SPECIAL BUILDINGS, Journal Indexed in SCI-E, September 2019

STRUCTURAL DESIGN OF TALL AND SPECIAL BUILDINGS, Journal Indexed in SCI-E, June 2019

ENGINEERING STRUCTURES, SCI Journal, January 2019

JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, Journal Indexed in SCI-E, January 2019

ENGINEERING STRUCTURES, SCI Journal, May 2018

ENGINEERING STRUCTURES, SCI Journal, March 2018

ENGINEERING STRUCTURES, SCI Journal, January 2018

Engineering Structures , SCI Journal, May 2017

Engineering Structures , SCI Journal, April 2017

Engineering Structures , SCI Journal, March 2017

Engineering Structures , SCI Journal, January 2017

Computers and Concrete , SCI Journal, October 2016

Compressive strength prediction of CFRP confined concrete using data mining techniques, SCI Journal, October 2016

Parametric Study on Energy Demands for Steel Special Concentrically Braced Frames, SCI Journal, October 2016

Steel and Composite Structures, SCI Journal, September 2016

Neural Computing and Applications, SCI Journal, August 2016

Numerical modelling of a Pile-Supported Embankment using variable inertia piles, SCI Journal, July 2016

Structural Engineering and Mechanics, SCI Journal, June 2016

Journal of Composites for Construction, Elsevier, SCI Journal, May 2016

Engineering Structures, SCI Journal, March 2016

Compressive Behavior of PET FRP-Confined Circular, Square and Rectangular Concrete Columns, SCI Journal, March 2016

Geomechanics and Engineering, An International Journal , SCI Journal, February 2016

Fuzzy inference system to formulate compressive strength and ultimate strain of square concrete columns wrapped with fiber reinforced polymer, SCI Journal, January 2016

Fuzzy inference system to formulate compressive strength and ultimate strain of square concrete columns wrapped with fiber reinforced polymer, SCI Journal, January 2016

Neural Computing and Applications, Springer, SCI Journal, January 2016

Numerical Model to Predict the Lateral Load Resistance of Circular Concrete Column under Eccentric Compression, SCI Journal, January 2016

Numerical Investigations of Pile Load Distribution in Pile Group Foundation Subjected to Vertical Load and Large Moment, SCI Journal, December 2015

Stability of dry stone arches under in-plane seismic loading , SCI Journal, November 2015

Finite element analysis of axially loaded FRP-confined rectangular concrete columns, SCI Journal, April 2015

Engineering Structures , SCI Journal, February 2015

Journal of Composites for Construction , SCI Journal, January 2015

Optimized FRP Wrapping Schemes for Circular Concrete Column, SCI Journal, December 2014

Finite Element Modeling of Reinforced Concrete Beams with a Hybrid Combination of Steel and Aramid Reinforcement, SCI Journal, July 2014

Materials and Design, ELSEVIER , SCI Journal, May 2014

Nonlinear Behavior of Shear Deficient RC Beams Strengthened with Near Surface Mounted Glass Fiber Reinforcement under Cyclic Loading, SCI Journal, March 2014

Materials and Design, ELSEVIER , SCI Journal, January 2014

Behavior of R/C Beams Strengthened with Externally Bonded Hybrid FRP Systems, SCI Journal, June 2013

Materials and Design, ELSEVIER , SCI Journal, February 2013

Structural Engineering and Mechanics, SCI Journal, January 2013

Study on reinforced lightweight coconut shell concrete beam behavior under flexure, SCI Journal, July 2012

Experimental and analytical investigation on RC columns with distributed-steel bar, SCI Journal, May 2012
Materials and Design, ELSEVIER , SCI Journal, March 2012
Non-linear FE Modeling of CFRP Strengthened RC Deep Beams with Openings, SCI Journal, March 2012
Materials and Design, ELSEVIER , SCI Journal, January 2012
Assessment of Setting Time in CFRP Repaired RC Beams, SCI Journal, July 2011
Materials and Design, ELSEVIER , SCI Journal, January 2011
Materials and Design, ELSEVIER , SCI Journal, January 2010
Buckling of functionally graded circular columns including shear deformation, SCI Journal, November 2009
Influence of strips configuration on the behaviour of axially loaded RC columns strengthened by steel angles and strips, SCI Journal, March 2009
Materials and Design, ELSEVIER , SCI Journal, January 2009
Experimental and theoretical investigation of column-flat slab joint ductility, SCI Journal, September 2008
Analytical Modeling of Pre-Cast Column-To-Beam Connections Connected as Post Tensioning, SCI Journal, August 2008
Investigation of Buckling behavior of laminated reinforced concrete Plates with central rectangular hole using finite element method, SCI Journal, July 2008
Materials and Design, ELSEVIER , SCI Journal, June 2008
Flexural behaviour of one-way concrete slabs reinforced with steel bars milled from scrap metals, SCI Journal, June 2008
Materials and Design, ELSEVIER , SCI Journal, May 2008
Materials and Design, ELSEVIER , SCI Journal, April 2008
Materials and Design, ELSEVIER , SCI Journal, January 2008
A Simplified Procedure for Design of Coupled Shear Walls, SCI Journal, May 2007
Normal Dayanımlı Betonda Kırılma Tokluklarının Bulunması, National Scientific Refreed Journal, December 2006
Engineering Structures, SCI Journal, January 2006
Hasarlı Betonarme Kirişlerin Onarımı Üzerine Deneysel Bir Çalışma, National Scientific Refreed Journal, November 2004
Üç Yüzeyinden Epoksi Çelik Levhalarla Onarılmış Kirişlerin Deneysel İncelenmesi, National Scientific Refreed Journal, October 2004
Yalnız Çekme Donatılı Betonarme Kirişte Sonlu Eleman Boyutunun Yük Taşıma Kapasitesi Tahminine Etkisinin Drucker-Prager ve Çatlak Modelleri İle Karşılaştırılması, National Scientific Refreed Journal, August 2004
Üniform Elastik Kolonların Doğrusal Burkulma Analizi İçin Üç Farklı Tip Diferansiyel Quadrature Metodu (DQM), National Scientific Refreed Journal, September 2003

Scientific Project Refereeing

Project Supported by Other Official Institutions, February 2020
TUBITAK Project, December 2017
TUBITAK Project, November 2017
TUBITAK Project, November 2017
TUBITAK Project, November 2017
TUBITAK Project, November 2017
TUBITAK Project, September 2017
TUBITAK Project, April 2017
TUBITAK Project, January 2017
TUBITAK Project, May 2016
TUBITAK Project, May 2016
TUBITAK Project, May 2016
TUBITAK Project, May 2016
TUBITAK Project, August 2015
TUBITAK Project, June 2015
TUBITAK Project, May 2014

Scientific Consultations

Gebze Teknik Üniversitesi, Scientific Consultancy, Yıldız Technical University, Faculty Of Civil Engineering, Civil Engineering Department, Turkey, 2023 - Continues

Doğal Afet Sigorta Kurumu, Project Consultancy, Yıldız Technical University, Faculty Of Civil Engineering, Civil Engineering Department, Turkey, 2019 - Continues

Tasks In Event Organizations

Doran B., Türkiye İnşaat Mühendisliği 18. Teknik Kongre ve Sergisi, Scientific Congress, İstanbul, Turkey, Kasım 2022

Doran B., 6th International Conference on Earthquake Engineering and Seismology (6ICEES), Scientific Congress, Kocaeli, Turkey, Ekim 2021

Doran B., Akyıldız Alçura G., SELÇUK M. E., 14th International Congress on Advances in Civil Engineering, Scientific Congress, İstanbul, Turkey, Eylül 2021

Doran B., 10th International Conference on Fibre-Reinforced Polymer (FRP) Composites in Civil Engineering (CICE 2020), Scientific Congress, İstanbul, Turkey, Temmuz 2021

Metrics

Publication: 128

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Research Areas

Civil Engineering, Concrete Structures, Repair and Strengthening in Buildings, Masonry Structures