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Education Information

Doctorate, Ege University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği, Turkey 2002 - 2010

Postgraduate, Ege University, Faculty Of Engineering, İnşaat Mühendisliği, Turkey 1999 - 2002

Research Areas

Civil Engineering, Mechanical, Structural Mechanics, Building Dynamics, Building Stability, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Canakkale Onsekiz Mart University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2016 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **A simplified method for free vibration analysis of wall-frames considering soil structure interaction**
Kera D., BOZDOĞAN K. B. , KESKİN E.
STRUCTURAL ENGINEERING AND MECHANICS, vol.77, no.1, pp.37-46, 2021 (Journal Indexed in SCI)
- II. **Application of differential transformation method for free vibration analysis of wind turbine**
BOZDOĞAN K. B. , Maleki F. K.
WIND AND STRUCTURES, vol.32, no.1, pp.11-17, 2021 (Journal Indexed in SCI)
- III. **Determination of the Dynamic Characteristics of Frame Structures with Non-uniform Shear Stiffness**
ÖZTÜRK D., BOZDOĞAN K. B.
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY-TRANSACTIONS OF CIVIL ENGINEERING, vol.44, no.1, pp.37-47, 2020 (Journal Indexed in SCI)
- IV. **A method for dynamic analysis of frame-hinged shear wall structures**
BOZDOĞAN K. B. , ÖZTÜRK D.
EARTHQUAKES AND STRUCTURES, vol.11, no.1, pp.45-61, 2016 (Journal Indexed in SCI)
- V. **Lateral stability analysis of multistory buildings using the differential transform method**
Aydin S., Bozdogan K. B.
STRUCTURAL ENGINEERING AND MECHANICS, vol.57, no.5, pp.861-876, 2016 (Journal Indexed in SCI)
- VI. **Free Vibration Analysis of the Tube-in-Tube Tall Buildings with the Differential Transform Method**
Bozdogan K. B. , ÖZTÜRK D.
ADVANCES IN STRUCTURAL ENGINEERING, vol.17, no.9, pp.1271-1279, 2014 (Journal Indexed in SCI)
- VII. **Free Vibration Analysis of Asymmetric-Plan Shear Wall and Core Buildings Using One-dimensional Finite Element**
Bozdogan K. B.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.38, no.5, pp.1041-1045, 2013 (Journal Indexed in SCI)

- VIII. **Free vibration analysis of asymmetric shear wall-frame buildings using modified finite element-transfer matrix method**
Bozdogan K. B.
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- IX. **Modified finite element-transfer matrix method for the static analysis of structures**
ÖZTÜRK D., Bozdogan K. B. , NUHOĞLU A.
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- X. **Differential quadrature method for free vibration analysis of coupled shear walls**
Bozdogan K. B.
STRUCTURAL ENGINEERING AND MECHANICS, vol.41, no.1, pp.67-81, 2012 (Journal Indexed in SCI)
- XI. **The effect of foundation elasticity on dynamic behaviour of buildings**
Bozdogan K. B.
GRADEVINAR, vol.63, no.4, pp.335-340, 2011 (Journal Indexed in SCI)
- XII. **A method for lateral static and dynamic analyses of wall-frame buildings using one dimensional finite element**
Bozdogan K. B.
SCIENTIFIC RESEARCH AND ESSAYS, vol.6, no.3, pp.616-626, 2011 (Journal Indexed in SCI)
- XIII. **An approximate method for lateral stability analysis of wall-frame buildings including shear deformations of walls**
Bozdogan K. B. , ÖZTÜRK D.
Sadhana - Academy Proceedings in Engineering Sciences, vol.35, no.3, pp.241-253, 2010 (Journal Indexed in SCI)
- XIV. **Vibration analysis of asymmetric-plan frame buildings using transfer matrix method**
Bozdogan K. B. , ÖZTÜRK D.
Mathematical and Computational Applications, vol.15, no.2, pp.279-288, 2010 (Journal Indexed in SCI)
- XV. **Vibration analysis of asymmetric shear wall and Thin walled open section structures using transfer matrix method**
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- XVI. **An approximate method for static and dynamic analyses of symmetric wall-frame buildings**
Bozdogan K. B.
Structural Design of Tall and Special Buildings, vol.18, no.3, pp.279-290, 2009 (Journal Indexed in SCI)
- XVII. **A method for static and dynamic analyses of stiffened multi-bay coupled shear walls**
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Articles Published in Other Journals

- I. **Free Vibration Analysis of Frame Systems with Soil Structure Interaction**
Kara D., BOZDOĞAN K. B. , KESKİN E.
JOURNAL OF POLYTECHNIC-POLITEKNİK DERGISI, vol.23, no.4, pp.1347-1355, 2020 (Journal Indexed in ESCI)
- II. **Determination of Dynamic Characteristics of Tower Type Structures: The Case of Kırklareli Hizirbey Mosque Minaret**
KILIÇ İ., BOZDOĞAN K. B. , Aydın S., Gök S. G. , Gundogan S.
JOURNAL OF POLYTECHNIC-POLITEKNİK DERGISI, vol.23, no.1, pp.19-26, 2020 (Journal Indexed in ESCI)
- III. **Yalın ve Lifli Polimer Sargılı Betonarme Kirişlerin Eğilme Davranışlarının Sonlu Eleman Modellemesi**
KÖKSAL H. O. , AKTAN S., BOZDOĞAN K. B.
ULUDAĞ ÜNİVERSİTESİ MÜHENDİSLİK FAKÜLTESİ DERGİSİ, vol.24, no.3, pp.255-272, 2019 (National Refreed University Journal)
- IV. **2007 ve 2018 DEPREM YÖNETMELİKLERİNİN KIRKLARELİ İLİ ÖZELİNDE DEĞERLENDİRİLMESİ**
KESKİN E., BOZDOĞAN K. B.

Kırklareli Üniversitesi Mühendislik ve Fen Bilimleri Dergisi, vol.4, no.1, pp.74-90, 2018 (Refereed Journals of Other Institutions)

- V. **A Method for Determination of the Fundamental Period of Layered Soil Profiles**
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JOURNAL OF APPLIED AND COMPUTATIONAL MECHANICS, vol.3, no.4, pp.267-273, 2017 (Journal Indexed in ESCI)
- VI. **ELASTİK ÖTESİ SPEKTRUM KULLANILARAK YAPILARIN DOĞRUSAL OLMAYAN ANALİZİ**
ÖZTÜRK D., BOZDOĞAN K. B.
Süleyman Demirel Üniversitesi Uluslararası Teknolojik Bilimler Dergisi, 2013 (Refereed Journals of Other Institutions)
- VII. **Çok katlı yapıların periyotlarının dinamik matris yöntemi ile tayini**
BOZDOĞAN K. B. , ÖZTÜRK D.
Fırat Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, 2005 (Other Refereed National Journals)
- VIII. **PERDE ÇERÇEVELERDEN OLUŞAN YAPILARIN SÜREKLİ SİSTEM MODELİNE GÖRE PERİYOTLARININ TAYİNİ**
BOZDOĞAN K. B. , kaya e.
Pamukkale Üniversitesi Mühendislik Bilimleri Dergis, 2004 (Refereed Journals of Other Institutions)
- IX. **ELASTİK ZEMİNE OTURAN KİRİŞLERİN TAŞIMA MATRİSİ YÖNTEMİ İLE BİRİNCİ VE İKİNCİ MERTEBE STATİK VE STABİLİTE ANALİZİ**
BOZDOĞAN K. B. , SEZER A., aklık p.
Selçuk Üniversitesi Mühendislik, Bilim Ve Teknoloji Dergisi, 2004 (Other Refereed National Journals)
- X. **Taşıyıcı Sistemi Çerçevelerden Oluşan Yapıların Taşıma Matrisi ve Dinamik Matris Yöntemleriyle Birinci ve İkinci Mertebe Dinamik Analizi**
BOZDOĞAN K. B. , kaya e.
Selçuk Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, 2003 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

- I. **Transfer matrix method in structural mechanics**
BOZDOĞAN K. B.
13th National Congress Theoretical and Applied Mechanics Institute of Mechanics – Bulgarian Academy of Sciences
6th – 10th September 2017 Sofia, Bulgaria, 6 - 10 September 2017
- II. **Free Vibration Analysis of Asymmetric Wall Frame Systems by Recursive Differentiation Method**
ÖZTÜRK D., BOZDOĞAN K. B.
INTERNATIONAL CONFERENCE PROGRAMME ON CIVIL ENGINEERING DESIGN AND CONSTRUCTION, 15 - 17
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- III. **FREE VIBRATION ANALYSIS OF A SHEAR TORSION BEAM**
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September 2016

Supported Projects

KÖKSAL H. O. , AKTAN S., BOZDOĞAN K. B. , ÖZGÜR M., Project Supported by Higher Education Institutions, Beton Elastisite Modülü ve Poisson Oranı Değerlerinin Tayini ve Güçlendirilmiş Kirişlerde Performans Değerlendirmesi, 2016 - 2019

KÖKSAL H. O. , BOZDOĞAN K. B. , AKTAN S., Project Supported by Higher Education Institutions, Betonarme Kirişler ve Yığma Duvarlarda Sayısal Modelleme, 2016 - 2018

Citations

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