

Assoc. Prof. MURAT YAYLACI

Personal Information

Mobile Phone: [+90 542 367 3401](tel:+905423673401)

Office Phone: [+90 464 223 7518](tel:+904642237518) Extension: 1219

Email: murat.yaylaci@erdogan.edu.tr

Other Email: yaylaci_murat@hotmail.com

Web: <https://avesis.erdogan.edu.tr/murat.yaylaci>

Address: RTEÜ MÜH. FAK. ZİHNİ DERİN YERLEŞKESİ

International Researcher IDs

ScholarID: n8eLAWQAAAAJ

ORCID: 0000-0003-0407-1685

Publons / Web Of Science ResearcherID: ABB-5279-2021

ScopusID: 55906015300

Yoksis Researcher ID: 152748

Education Information

Post Doctorate, University of Santiago de Compostela, Faculty of Mathematics, Department of Applied Mathematics, Spain
2021 - 2022

Post Doctorate, Germany 2017 - 2017

Post Doctorate, Universitaet Stuttgart, Institute of Engineering and Computational Mechanics, Institute of Engineering and Computational Mechanics, Germany 2016 - 2016

Doctorate, Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği, Turkey 2007 - 2013

Postgraduate, Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği, Turkey 2004 - 2007

Undergraduate, Dumlupınar Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği, Turkey 1999 - 2003

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, İKİ ELASTİK ÇEYREK DÜZLEME OTURAN İKİ ELASTİK TABAKANIN TEMAS PROBLEMİ, Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği/ Mekanik Anabilimdalı, 2013

Postgraduate, AÇIK DENİZ YAPILARI VE BUNLARIN TASARIM PARAMETRELERİNİN İRDELENMESİ, Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği/ Yapı Anabilimdalı, 2007

Research Areas

Mechanics of Solid Bodies, Civil Engineering, Mechanical, Structural Mechanics, Finite Element Methods, Biomechanics, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Recep Tayyip Erdogan University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2018 - Continues

Assistant Professor, Recep Tayyip Erdogan University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2014 - 2018

Research Assistant, Karadeniz Technical University, Deniz Bilimleri Fakültesi, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, 2006 - 2014

Academic and Administrative Experience

Head of Department, Recep Tayyip Erdogan University, MÜHENDİSLİK VE MİMARLIK FAKÜLTESİ, İNŞAAT MÜHENDİSLİĞİ, 2014 - Continues

Recep Tayyip Erdogan University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2017 - 2018

Assistant Director of the Institute, Recep Tayyip Erdogan University, Fen Bilimleri Enstitüsü, 2016 - 2017

Head of Department, Recep Tayyip Erdogan University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2015 - 2016

Deputy Head of Department, Recep Tayyip Erdogan University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2014 - 2015

Courses

KIRILMA MEKANİĞİ, Doctorate, 2020 - 2021

UYGULAMALI SONLU ELEMANLAR ANALİZİ, Postgraduate, 2020 - 2021, 2018 - 2019, 2017 - 2018

UZMANLIK ALAN DERSİ II, Doctorate, 2020 - 2021, 2019 - 2020

YÜKSEK LİSANS TEZİ, Postgraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

MUKAVEMET II, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

UZMANLIK ALAN DERSİ-I, Postgraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

Bitirme Tezi, Undergraduate, 2020 - 2021, 2019 - 2020

STATİK, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

UZMANLIK ALAN DERSİ I, Doctorate, 2020 - 2021, 2019 - 2020

ELASTİSİTE TEORİSİ, Postgraduate, 2020 - 2021, 2019 - 2020, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

İNŞAAT MÜHENDİSLİĞİNDE ANSYS UYGULAMALARI, Doctorate, 2020 - 2021

DİNAMİK, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2016 - 2017, 2015 - 2016, 2014 - 2015

SONLU ELEMANLAR YÖNTEMİNE GİRİŞ, Doctorate, 2020 - 2021

MUKAVEMET I, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

UZMANLIK ALAN DERSLERİ II, Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

SUNUM VE SUNUŞ TEKNİKLERİ, Undergraduate, 2020 - 2021, 2019 - 2020

SEMİNER, Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

SEMİNER, Doctorate, 2019 - 2020

YAPI STATİĞİ, Undergraduate, 2019 - 2020, 2016 - 2017, 2014 - 2015

TEMAS PROBLEMLERİNDE ANSYS UYGULAMALARI, Postgraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

DÖNEM PROJESİ, Postgraduate, 2019 - 2020

Mühendislik Bitirme Tezi-II, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017

İNTEGRAL DÖNÜŞÜM TEKNİKLERİ, Postgraduate, 2019 - 2020, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

YAPI İŞLERİNDE İSG, Postgraduate, 2018 - 2019

MUHENDİSLİK MEKANİĞİ, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2015 - 2016, 2014 - 2015

Mühendislik Bitirme Tezi-I, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017
YAPI MALZEMELERİ, Associate Degree, 2016 - 2017
Malzeme Bilimi ve Yapı Malzemeleri, Associate Degree, 2016 - 2017
YAPI DENETİM UYGULAMALARI, Associate Degree, 2014 - 2015
ELASTISITE TEORISI, Postgraduate, 2015 - 2016
PROJE, Associate Degree, 2014 - 2015
TEKNİK RESİM, Associate Degree, 2014 - 2015
ÇELİK YAPILAR, Associate Degree, 2014 - 2015

Advising Theses

YAYLACI M., 2007 ve 2018 Türkiye Deprem Yönetmeliklerine Göre Farklı Döşeme Sistemlerine Sahip Betonarme Bir Yapının Deprem Davranışlarının Karşılaştırılması, Postgraduate, G.EDA(Student), 2020
YAYLACI M., Kemik Dokuda ve İmplant Çevresindeki Gerilme Dağılımına Farklı Protez Malzemelerin Etkisinin İncelenmesi, Postgraduate, M.TERZİ(Student), 2020
YAYLACI M., Kemik Dokuda ve İmplant Çevresindeki Gerilme Dağılımına Farklı Protez Tasarımlarının Etkisinin İncelenmesi, Postgraduate, G.NUR(Student), 2020
YAYLACI M., Yarım Düzlem Üzerine Oturan Fonksiyonel Derecelendirilmiş Tabakanın Temas Problemi, Postgraduate, M.YAYLI(Student), 2019
YAYLACI M., Rijit Bir Panç Aracılığıyla Yüklenmiş Ve Rijit Temele Bağlanmış Fonksiyonel Derecelendirilmiş Tabakanın Temas Problemi, Postgraduate, M.ABANOZ(Student), 2018

Advising Graduates (Non-Thesis)

Yaylacı M., YAPI İŞLERİNDE İSG, Masters (Non-Thesis), A.DÖNE(Student), 2020
Yaylacı M., YAPI İŞLERİNDE İSG, Masters (Non-Thesis), G.AYDIN(Student), 2020
Yaylacı M., YAPI İŞLERİNDE İSG, Masters (Non-Thesis), S.TOPALOĞLU(Student), 2020
Yaylacı M., YAPI İŞLERİNDE İSG, Masters (Non-Thesis), M.ŞENOL(Student), 2020
Yaylacı M., YAPI İŞLERİNDE İSG, Masters (Non-Thesis), B.KOÇAK(Student), 2020
Yaylacı M., YAPI İŞLERİNDE İSG, Masters (Non-Thesis), T.DORUM(Student), 2019
Yaylacı M., YAPI İŞLERİNDE İSG, Masters (Non-Thesis), Ö.ÖZGÜR(Student), 2019
Yaylacı M., YAPI İŞLERİNDE İSG, Masters (Non-Thesis), F.DERECİ(Student), 2019
Yaylacı M., YAPI İŞLERİNDE İSG, Masters (Non-Thesis), F.BAYKUŞAK(Student), 2019
Yaylacı M., YAPI İŞLERİNDE İSG, Masters (Non-Thesis), A.KÖSEOĞLU(Student), 2019
Yaylacı M., YAPI İŞLERİNDE İSG, Masters (Non-Thesis), K.DEDEMEN(Student), 2019
Yaylacı M., YAPI İŞLERİNDE İSG, Masters (Non-Thesis), Y.KESKİN(Student), 2019

Jury Memberships

Post Graduate, Post Graduate, Çankırı Karatekin Üniversitesi, August, 2022
Post Graduate, Post Graduate, Çankırı Karatekin Üniversitesi, August, 2022
Post Graduate, Post Graduate, Aydın Adnan Menderes Üniversitesi, August, 2022
Post Graduate, Post Graduate, Çankırı Karatekin Üniversitesi, July, 2022
Post Graduate, Post Graduate, Çankırı Karatekin Üniversitesi, June, 2022
Appointment Academic Staff, Appointment Academic Staff, Çankırı Karatekin Üniversitesi, October, 2020
Post Graduate, Post Graduate, Karadeniz Teknik Üniversitesi, June, 2020
Post Graduate, Post Graduate, Recep Tayyip Erdoğan Üniversitesi, June, 2020
Doctoral Examination, Doctoral Examination, Recep Tayyip Erdoğan Üniversitesi, March, 2020

Doctoral Examination, Doctoral Examination, Karadeniz Teknik Üniversitesi, February, 2020
Post Graduate, Post Graduate, Recep Tayyip Erdoğan Üniversitesi, January, 2020
Post Graduate, Post Graduate, Recep Tayyip Erdoğan Üniversitesi, January, 2020
Post Graduate, Post Graduate, Recep Tayyip Erdoğan Üniversitesi, January, 2020
Post Graduate, Post Graduate, Recep Tayyip Erdoğan Üniversitesi, January, 2020
Post Graduate, Post Graduate, Karadeniz Teknik Üniversitesi, January, 2020
Appointment Academic Staff, Appointment Academic Staff, Recep Tayyip Erdoğan Üniversitesi, December, 2019
Doctoral Examination, Doctoral Examination, Karadeniz Teknik Üniversitesi, June, 2019
Post Graduate, Post Graduate, Karadeniz Teknik Üniversitesi, May, 2019
Doctoral Examination, Doctoral Examination, Karadeniz Teknik Üniversitesi, February, 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Free vibration and buckling of functionally graded porous beams using analytical, finite element, and artificial neural network methods**
Turan M., Yaylacı E. U. , Yaylacı M.
ARCHIVE OF APPLIED MECHANICS, vol.92, no.13, pp.1-34, 2022 (SCI-Expanded)
- II. **Implementation of finite element and artificial neural network methods to analyze the contact problem of a functionally graded layer containing crack**
Yaylacı M., Uzun Yaylacı E., Özdemir M. E. , Ay S., Öztürk Ş.
STEEL AND COMPOSITE STRUCTURES, vol.45, no.4, pp.501-511, 2022 (SCI-Expanded)
- III. **Biomechanical analysis of odontoid and transverse atlantal ligament in humans with ponticulus posticus variation under different loading conditions: Finite element study.**
Güvercin Y., Yaylacı M., Dizdar A., Kanat A., Uzun Yaylacı E., Ay S., Abdioglu A. A. , Şen A.
Injury, 2022 (SCI-Expanded)
- IV. **Application of artificial neural networks in the analysis of the continuous contact problem**
Uzun Yaylacı E., Öner E., Yaylacı M., Özdemir M. E. , Abushattal A., Birinci A.
STRUCTURAL ENGINEERING AND MECHANICS, vol.84, no.1, pp.35-48, 2022 (SCI-Expanded)
- V. **Suture button fixation method used in the treatment of syndesmosis injury: A biomechanical analysis of the effect of the placement of the button on the distal tibiofibular joint in the mid-stance phase with finite elements method**
Guvercin Y., Abdioglu A. A. , Dizdar A., Yaylacı E. U. , YAYLACI M.
INJURY-INTERNATIONAL JOURNAL OF THE CARE OF THE INJURED, vol.53, no.7, pp.2437-2445, 2022 (SCI-Expanded)
- VI. **Evaluation of the contact problem of functionally graded layer resting on rigid foundation pressed via rigid punch by analytical and numerical (FEM and MLP) methods**
YAYLACI M., Abanoz M., Yaylacı E. U. , ÖLMEZ H., SEKBAN D. M. , BİRİNCİ A.
ARCHIVE OF APPLIED MECHANICS, vol.92, no.6, pp.1953-1971, 2022 (SCI-Expanded)
- VII. **The contact problem of the functionally graded layer resting on rigid foundation pressed via rigid punch**
YAYLACI M., Abanoz M., Yaylacı E. U. , ÖLMEZ H., SEKBAN D. M. , BİRİNCİ A.
STEEL AND COMPOSITE STRUCTURES, vol.43, no.5, pp.661-672, 2022 (SCI-Expanded)
- VIII. **Solving the contact problem of functionally graded layers resting on a HP and pressed with a uniformly distributed load by analytical and numerical methods**
YAYLACI M., Sabano B. S. , Ozdemir M. E. , BİRİNCİ A.
STRUCTURAL ENGINEERING AND MECHANICS, vol.82, no.3, pp.401-416, 2022 (SCI-Expanded)
- IX. **Simulate of edge and an internal crack problem and estimation of stress intensity factor through finite element method**
YAYLACI M.
ADVANCES IN NANO RESEARCH, vol.12, no.4, pp.405-414, 2022 (SCI-Expanded)

- X. **On the plane receding contact between two functionally graded layers using computational, finite element and artificial neural network methods**
ÖNER E., Sengul Sabano B., Uzun Yaylaci E., ADIYAMAN G., YAYLACI M., BİRİNCİ A.
ZAMM-ZEITSCHRIFT FÜR ANGEWANDTE MATHEMATIK UND MECHANIK, vol.102, no.2, 2022 (SCI-Expanded)
- XI. **Analyzing the contact problem of a functionally graded layer resting on an elastic half plane with theory of elasticity, finite element method and multilayer perceptron**
YAYLACI M., Yayli M., Yaylaci E. U. , ÖLMEZ H., BİRİNCİ A.
STRUCTURAL ENGINEERING AND MECHANICS, vol.78, no.5, pp.585-597, 2021 (SCI-Expanded)
- XII. **Assessment of different solution methods for receding contact problems in functionally graded layered mediums**
YAYLACI M., Eyuboglu A., ADIYAMAN G., Yaylaci E. U. , ÖNER E., BİRİNCİ A.
MECHANICS OF MATERIALS, vol.154, 2021 (SCI-Expanded)
- XIII. **Investigation of continuous and discontinuous contact cases in the contact mechanics of graded materials using analytical method and FEM**
YAYLACI M., ADIYAMAN G., Oner E., BİRİNCİ A.
COMPUTERS AND CONCRETE, vol.27, no.3, pp.199-210, 2021 (SCI-Expanded)
- XIV. **Examination of analytical and finite element solutions regarding contact of a functionally graded layer**
YAYLACI M., Adiyaman G., Oner E., BİRİNCİ A.
STRUCTURAL ENGINEERING AND MECHANICS, vol.76, no.3, pp.325-336, 2020 (SCI-Expanded)
- XV. **Finite element modeling of contact between an elastic layer and two elastic quarter planes**
YAYLACI M., AVCAR M.
COMPUTERS AND CONCRETE, vol.26, no.2, pp.107-114, 2020 (SCI-Expanded)
- XVI. **Artificial neural network calculations for a receding contact problem**
Yaylaci E. U. , Yaylaci M., ÖLMEZ H., BİRİNCİ A.
COMPUTERS AND CONCRETE, vol.25, no.6, pp.551-563, 2020 (SCI-Expanded)
- XVII. **Numerical analysis of the receding contact problem of two bonded layers resting on an elastic half plane**
Yaylaci M., TERZİ C., AVCAR M.
STRUCTURAL ENGINEERING AND MECHANICS, vol.72, no.6, pp.775-783, 2019 (SCI-Expanded)
- XVIII. **A receding contact problem between a functionally graded layer and two homogeneous quarter planes**
ADIYAMAN G., BİRİNCİ A., Oner E., Yaylaci M.
ACTA MECHANICA, vol.227, no.6, pp.1753-1766, 2016 (SCI-Expanded)
- XIX. **The investigation crack problem through numerical analysis**
Yaylaci M.
STRUCTURAL ENGINEERING AND MECHANICS, vol.57, no.6, pp.1143-1156, 2016 (SCI-Expanded)
- XX. **Analytical solution of a contact problem and comparison with the results from FEM**
Oner E., Yaylaci M., BİRİNCİ A.
STRUCTURAL ENGINEERING AND MECHANICS, vol.54, no.4, pp.607-622, 2015 (SCI-Expanded)
- XXI. **Analytical and finite element solution of a receding contact problem**
ADIYAMAN G., Yaylaci M., BİRİNCİ A.
STRUCTURAL ENGINEERING AND MECHANICS, vol.54, no.1, pp.69-85, 2015 (SCI-Expanded)
- XXII. **Analysis of Continuous and Discontinuous Cases of a Contact Problem Using Analytical Method and FEM**
BİRİNCİ A., ADIYAMAN G., YAYLACI M., Oner E.
LATIN AMERICAN JOURNAL OF SOLIDS AND STRUCTURES, vol.12, no.9, pp.1771-1789, 2015 (SCI-Expanded)
- XXIII. **Comparison between Analytical and ANSYS Calculations for a Receding Contact Problem**
Yaylaci M., Oner E., BİRİNCİ A.
JOURNAL OF ENGINEERING MECHANICS, vol.140, no.9, 2014 (SCI-Expanded)
- XXIV. **SOLUTION OF A RECEDING CONTACT PROBLEM USING AN ANALYTICAL METHOD AND A FINITE**

ELEMENT METHOD

Oner E., Yaylaci M., BİRİNCİ A.

JOURNAL OF MECHANICS OF MATERIALS AND STRUCTURES, vol.9, no.3, pp.333-345, 2014 (SCI-Expanded)

XXV. **The receding contact problem of two elastic layers supported by two elastic quarter planes**

Yaylaci M., BİRİNCİ A.

STRUCTURAL ENGINEERING AND MECHANICS, vol.48, no.2, pp.241-255, 2013 (SCI-Expanded)

Articles Published in Other Journals

- I. **Finite element analysis of the mechanical behavior of the different angle hip femoral stem**
Guvercin Y., YAYLACI M., ÖLMEZ H., Yaylaci E. U., Ozdemir M. E., Dizdar A.
BIOMATERIALS AND BIOMECHANICS IN BIOENGINEERING, vol.6, no.1, pp.29-46, 2022 (ESCI)
- II. **İnsan ve Koyun Femur Kemiğinin Sonlu Elemanlar Yöntemiyle Karşılaştırılması**
YAYLACI M., GÜVERCİN Y.
Journal of Anatolian Environmental and Animal Sciences, vol.6, no.4, pp.599-603, 2021 (Peer-Reviewed Journal)
- III. **Investigation of The Effect of Different Prosthesis Designs and Numbers on Stress, Strain and Deformation Distribution**
NİŞANCI G. N. , GÜVERCİN Y., ATEŞ S. M. , ÖLMEZ H., UZUN Y. E. , YAYLACI M.
International Journal of Engineering and Applied Sciences, vol.12, no.4, pp.138-152, 2020 (Peer-Reviewed Journal)
- IV. **EFFECT OF DIFFERENT ABUTMENT MATERIALS ON STRESS DISTRIBUTION IN PERIPHERAL BONE AND DENTAL IMPLANT SYSTEM**
Terzi M., GÜVERCİN Y., ATEŞ S. M. , SEKBAN D. M. , YAYLACI M.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BİLİMLERİ DERGİSİ, vol.38, no.3, pp.1495-1507, 2020 (ESCI)
- V. **Finite Element Modeling of Receding Contact Problem**
YAYLACI M., BAYRAK M. Ç. , AVCAR M.
International Journal of Engineering and Applied Sciences, vol.11, pp.468-475, 2019 (Peer-Reviewed Journal)
- VI. **YARIM DÜZLEM ÜZERİNE OTURAN FONKSİYONEL DERECELENDİRİLMİŞ TABAKANIN DEĞME MEKANİĞİ**
YAYLI M., YAYLACI M., BİRİNCİ A.
Mühendislik Bilimleri ve Tasarım Dergisi, vol.7, no.3, pp.639-646, 2019 (Peer-Reviewed Journal)
- VII. **YARIM DÜZLEM ÜZERİNE OTURAN FONKSİYONEL DERECELENDİRİLMİŞ TABAKANIN DEĞME MEKANİĞİ**
YAYLI M., YAYLACI M., BİRİNCİ A.
Mühendislik Bilimleri ve Tasarım Dergisi, vol.7, pp.639-646, 2019 (Peer-Reviewed Journal)
- VIII. **Contact problems between a functionally graded layer and a rigid support**
ABANOZ M., YAYLACI M., BİRİNCİ A.
Journal of Structural Engineering Applied Mechanics, vol.2, pp.23-35, 2019 (Peer-Reviewed Journal)
- IX. **TEMAS PROBLEMLERİNDE SONLU ELEMANLAR YÖNTEMİNİN DOĞRULUĞUNUN İNCELENMESİ**
YAYLACI M., TERZİ C.
Mühendislik Bilimleri ve Tasarım Dergisi, vol.6, no.3, pp.511-519, 2018 (Peer-Reviewed Journal)
- X. **Finite Element Solution of the Contact Problem**
KARABULUT P. M. , YAYLACI M., BİRİNCİ A.
Turkish Journal of Science Technology, vol.13, pp.113-117, 2018 (Peer-Reviewed Journal)
- XI. **COMPARISON BETWEEN NUMERICAL AND ANALYTICAL SOLUTIONS FOR THE RECEDING CONTACT PROBLEM**
Yaylaci M.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BİLİMLERİ DERGİSİ, vol.35, no.2, pp.333-346, 2017 (ESCI)
- XII. **ANALYSIS OF A LONG STRIP CONTAINING AN INTERNAL OR EDGE CRACK USING FEM**

Refereed Congress / Symposium Publications in Proceedings

- I. **Finite Element Method and Artificial Neural Network Based Numerical Solution of The Contact Problem**
YAYLACI M., Yaylaci E. U., ÖZDEMİR M. E.
V-International European Conference on Interdisciplinary Scientific Research, 28 - 29 January 2022
- II. **FINITE ELEMENT ANALYSIS OF CONTACT PROBLEM OF BILAYER SYSTEM RESTING ON SIMPLE SUPPORTS**
ÖNER E., YAYLACI M.
INTERNATIONAL SIIRT SCIENTIFIC RESEARCH CONGRESS, Siirt, Turkey, 05 November 2021
- III. **ELASTİK YARIM DÜZLEME OTURAN VE YAYILI YÜK İLE YÜKLENEN FONKSİYONEL DERECELENDİRİLMİŞ İKİ TABAKANIN TEMAS PROBLEMİ**
ŞABANO B., YAYLACI M., ADIYAMAN G., ÖNER E., BİRİNCİ A.
22. ULUSAL MEKANİK KONGRESİ, Turkey, 06 September 2021
- IV. **A Finite Element Modelling for Interface Separation in Contact Problem of Functionally Graded Layer and Homogeneous Half Space**
YAYLACI M., ÖNER E., ADIYAMAN G., BİRİNCİ A.
3rd International Conference on Advanced Engineering Technologies (ICADET 2019), 19 - 21 September 2019
- V. **Contact Problem for Functionally Graded Layer Pressed by a Rigid Punch**
ABANOZ M., YAYLACI M., BİRİNCİ A.
3rd International Conference on Advanced Engineering Technologies (ICADET 2019), 19 - 21 September 2019
- VI. **Discontinuous Contact Problem of A Functionally Graded Layer Resting on A Half Plane**
ADIYAMAN G., ÖNER E., YAYLACI M., BİRİNCİ A.
International Civil Engineering and Architecture Conference 2019 (ICEARC'19), Trabzon, Turkey, 17 - 20 April 2019
- VII. **Continuous Contact Problem between a Functionally Graded Layer and a Rigid Foundation Pressed by a Rigid Stamp**
ÖNER E., ADIYAMAN G., YAYLACI M., BİRİNCİ A.
1st International Technology Sciences and Design Symposium (ITESDES), Giresun, Turkey, 27 - 29 June 2018, pp.587-588
- VIII. **Plane Contact Problem on Indentation of a Circular Punch into a Functionally Graded Layer**
ÖNER E., ADIYAMAN G., YAYLACI M., BİRİNCİ A.
3. International Congress on Engineering, Architecture and Design, Kocaeli, Turkey, 4 - 05 May 2018
- IX. **The Continuous Contact Problem Of A Functionally Graded Layer Resting On A Half Plane**
ADIYAMAN G., ÖNER E., YAYLACI M., BİRİNCİ A.
3. INTERNATIONAL CONFERENCE ON CIVIL AND ENVIRONMENTAL ENGINEERING, 24 - 27 April 2018
- X. **Contact Problem Of A Functionally Graded Layer Under Gravity**
YAYLACI M., ADIYAMAN G., ÖNER E., BİRİNCİ A.
3. International Conference on Civil and Environmental Engineering (ICOCEE -2018), 24 - 27 April 2018
- XI. **TEMAS PROBLEMİNİN SONLU ELEMANLAR YÖNTEMİ İLE ANALİZİ**
KARABULUT P. M., YAYLACI M., BİRİNCİ A.
20. ULUSAL MEKANİK KONGRESİ, Turkey, 5 - 09 September 2017
- XII. **Fonksiyonel derecelendirilmiş tabaka ve yari sonsuz düzlem arasındaki sürtünmesiz ve ayrılmalı temas problemi**
KARABULUT P. M., YAYLACI M., BİRİNCİ A.
20. ULUSAL MEKANİK KONGRESİ, Turkey, 5 - 09 September 2017

- XIII. **Finite element solution of the contact problem**
KARABULUT P. M. , YAYLACI M., BİRİNCİ A.
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Non Academic Experience

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