

Prof. AHMET BİRİNCİ

Personal Information

Office Phone: [+90 462 377 2644](tel:+904623772644)

Fax Phone: [+90 462 377 2606](tel:+904623772606)

Email: birinci@ktu.edu.tr

Web: <https://avesis.ktu.edu.tr//birinci>

Address: Karadeniz Teknik Üniversitesi Mühendislik Fakültesi İnşaat Mühendisliği Bölümü 61080/TRABZON

Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği Bölümü, Turkey 1994 - 1998

Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği Bölümü, Turkey 1991 - 1994

Undergraduate, Karadeniz Technical University, Mühendislik-Mimarlık Fakültesi, İnşaat Mühendisliği Bölümü, Turkey 1988 - 1991

Associate Degree, Karadeniz Technical University, Gümüşhane Meslek Yüksek Okulu, İnşaat Bölümü, Turkey 1983 - 1985

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Occupational Health and Safety, İşyeri Hekimliği ve İş Güvenliği Uzmanlığı Eğitici Belgesi, Çalışma ve Sosyal Güvenlik Bakanlığı, 2014

Dissertations

Doctorate, Alt Tabakasında Düşey Bir Çatlağı Bulunan ve Rijit Bir Blok Aracılığı ile Yüklenen Bileşik Tabaka Problemi, Karadeniz Technical University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği Bölümü / Mekanik, 1998

Postgraduate, Elastik Mesnete Oturan Çift Şerit Problemi, Karadeniz Technical University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği Bölümü / Mekanik, 1994

Research Areas

Mechanics of Solid Bodies, Civil Engineering, Mechanical, Structural Mechanics, Engineering and Technology

Academic Titles / Tasks

Professor, Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2011 - Continues

Associate Professor, Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2005 - 2011

Assistant Professor, Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2004 - 2005

Research Assistant PhD, Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği, 1998 - 2004

Research Assistant, Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği, 1991 - 1998

Academic and Administrative Experience

Fakülte Kurulu Üyesi, Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2022 - Continues
Head of Ethics Committee, Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2021 - Continues
Eğitim ve Müfredat Kurulu üyesi, Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2015 - Continues
Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2012 - Continues
Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2004 - Continues
Soruşturma Komisyonu Üyesi, Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2016 - 2018
Fakülte Kurulu Üyesi, Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2014 - 2017
Karadeniz Technical University, Karadeniz Teknik Üniversitesi, 2014 - 2016
Karadeniz Technical University, Of Teknoloji Fakültesi, 2014 - 2016
Karadeniz Technical University, Karadeniz Teknik Üniversitesi, 2014 - 2016
Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2004 - 2007

Courses

Statik ve Mukavemet, Undergraduate, 2019 - 2020
Statik, Undergraduate, 2019 - 2020
Elastisite Teorisi, Postgraduate, 2019 - 2020
Mukavemet II, Undergraduate, 2019 - 2020
Bitirme Projesi, Undergraduate, 2019 - 2020
Dinamik, Undergraduate, 2019 - 2020
Mühendislik Tasarımı, Undergraduate, 2019 - 2020
Mukavemet I, Undergraduate, 2019 - 2020
Statik, Undergraduate, 2010 - 2011, 2011 - 2012, 2012 - 2013, 2016 - 2017
Dinamik, Undergraduate, 2017 - 2018
Tasarım Projesi, Undergraduate, 2017 - 2018
Bitirme Çalışması, Undergraduate, 2010 - 2011, 2011 - 2012, 2012 - 2013, 2017 - 2018
Mukavemet I, Undergraduate, 2010 - 2011, 2011 - 2012, 2012 - 2013, 2013 - 2014, 2017 - 2018
Mukavemet II, Undergraduate, 2010 - 2011, 2011 - 2012, 2012 - 2013, 2017 - 2018
Tasarım Projesi, Undergraduate, 2010 - 2011, 2011 - 2012, 2012 - 2013, 2013 - 2014, 2017 - 2018
İş Yeri Eğitimi , Undergraduate, 2014 - 2015
Dinamik, Undergraduate, 2010 - 2011, 2011 - 2012, 2012 - 2013
Elastisite, Postgraduate, 2012 - 2013, 2013 - 2014
Mukavemet, Undergraduate, 2010 - 2011, 2011 - 2012
Mühendislik Mekaniği, Undergraduate, 2011 - 2012
Mühendislik Mekaniği, Undergraduate, 2010 - 2011

Advising Theses

Birinci A., Derecelendirilmiş Malzemelerde Temas Problemler, Postgraduate, A.YAZICIOĞLU(Student), Continues
Birinci A., Derecelendirilmiş Malzemelerde Temas Problemleri, Doctorate, A.EYÜBOĞLU(Student), Continues
Birinci A., Derecelendirilmiş Malzemelerde Temas Problemler, Doctorate, B.ŞENGÜL(Student), Continues
BİRİNCİ A., Derecelendirilmiş Malzemelerde Temas Problemleri, Postgraduate, N.KURT(Student), Continues
Birinci A., Derecelendirilmiş Malzemelerde Temas Problemleri, Doctorate, M.ABANOZ(Student), Continues

Birinci A., Elastik Yarı Sonsuz Düzleme Oturan ve Yayılı Yükle İle Yüklenen Fonksiyonel Derecelendirilmiş İki Tabakanın Temas Problemi, Postgraduate, B.ŞENGÜL(Student), 2020

BİRİNCİ A., Winkler Temele Oturan ve Rijit Dairesel Blok Aracılığıyla Yüklenen Biri Fonksiyonel Derecelendirilmiş İki Tabakanın Temas Problemi, Postgraduate, A.EYÜBOĞLU(Student), 2019

BİRİNCİ A., Yarım Düzlem Üzerine Oturan Fonksiyonel Derecelendirilmiş Tabakanın Temas Problemi, Postgraduate, M.YAYLI(Student), 2019

BİRİNCİ A., Tabakalı Ortamlarda Temas Problemlerinin Çözümü ve Bu Çözüme İlişkin Bir Bilgisayar Programının Geliştirilmesi, Doctorate, G.ADIYAMAN(Student), 2019

BİRİNCİ A., Rijit Bir Panç Aracılığıyla Yüklenmiş ve Rijit Temele Bağlanmış Fonksiyonel Derecelendirilmiş Tabakanın Temas Problemi, Postgraduate, M.ABANOZ(Student), 2018

BİRİNCİ A., Rijit Bir Blok Aracılığıyla Yüklenmiş ve Elastik Yarım Düzleme Oturan Fonksiyonel Derecelendirilmiş Tabakanın Sürekli ve Süreksiz Temas Problemi, Doctorate, E.ÖNER(Student), 2017

BİRİNCİ A., Elastik Yarım Düzleme Oturan Elastik Bir Tabakanın Sürtünmesiz Temas Problemi, Postgraduate, P.Merve(Student), 2016

BİRİNCİ A., İki Çeyrek Düzlem Üzerine Oturan Elastik Bir Tabakanın Sürtünmesiz ve Ayrılmalı Temas Problemi, Postgraduate, G.ADIYAMAN(Student), 2013

BİRİNCİ A., İki Elastik Çeyrek Düzleme Oturan İki Elastik Tabakanın Temas Problemi, Doctorate, M.YAYLACI(Student), 2013

BİRİNCİ A., Rijit Dairesel Bir Panç Aracılığıyla Yüklenmiş ve Elastik Yarı Sonsuz Düzleme Oturan İki Elastik Tabakanın Sürekli Temas Problemi, Postgraduate, E.Öner(Student), 2011

Jury Memberships

Doctoral Examination, Doctoral Examination, Karadeniz Teknik Üniversitesi, February, 2022

Doctoral Examination, Doctoral Examination, Karadeniz Teknik Üniversitesi, February, 2022

Academic Staff Examination, Academic Staff Examination, Karadeniz Teknik Üniversitesi, January, 2022

Appointment Academic Staff, Appointment Academic Staff, Manisa Celal Bayar Üniversitesi, September, 2021

Appointment Academic Staff, Appointment Academic Staff, Toros Üniversitesi, August, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Karadeniz Teknik Üniversitesi, August, 2021

Committee Of Expert, Committee Of Expert, University of Bahrain, August, 2021

Appointment Academic Staff, Appointment Academic Staff, Karadeniz Teknik Üniversitesi, July, 2021

Associate Professor Exam, Associate Professor Exam, İstanbul Üniversitesi-Cerrahpaşa, January, 2021

Doctoral Examination, Doctoral Examination, Karadeniz Teknik Üniversitesi, January, 2021

Academic Staff Examination, Academic Staff Examination, Giresun University, December, 2020

Doctorate, Doctorate, Karadeniz Teknik Üniversitesi, November, 2020

Associate Professor Exam, Associate Professor Exam, Karadeniz Technical University, September, 2020

Post Graduate, Post Graduate, Karadeniz Teknik Üniversitesi, July, 2020

Committee Of Expert, Committee Of Expert, Karadeniz Technical University, June, 2020

Appointment Academic Staff, Appointment Academic Staff, Karadeniz Teknik Üniversitesi, January, 2020

Appointment Academic Staff, Profesörlük Kadrosuna Atama, Ondokuz Mayıs Üniversitesi, November, 2019

Appointment Academic Staff, Doçentlik Kadrosuna Atama, Karadeniz Teknik Üniversitesi, July, 2019

Post Graduate, Yüksek Lisans Tezi Jüri Üyeliği, Karadeniz Teknik Üniversitesi, June, 2019

Post Graduate, Yüksek Lisans Tezi Jüri Üyeliği, Karadeniz Teknik Üniversitesi, June, 2019

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Karadeniz Teknik Üniversitesi, June, 2019

Academic Staff Examination, Academic Staff Examination, Karadeniz Teknik Üniversitesi, June, 2019

Post Graduate, Yüksek Lisans Tezi Jüri Üyeliği, Karadeniz Teknik Üniversitesi, June, 2019

Post Graduate, Yüksek Lisans Tezi Jüri Üyeliği, Recep Tayyip Erdoğan Üniversitesi, April, 2019

Appointment Academic Staff, Appointment Academic Staff, Karadeniz Teknik Üniversitesi, March, 2019

Doctorate, Doctorate, Karadeniz Teknik Üniversitesi, March, 2019
Appointment Academic Staff, Appointment Academic Staff, Avrasya Üniversitesi, March, 2019
Doctorate, Doctorate, Karadeniz Teknik Üniversitesi, February, 2019
Appointment Academic Staff, Yrd. Doç. Kadrosuna Yeniden Atama, Karadeniz Teknik Üniversitesi, February, 2019
Appointment Academic Staff, Appointment Academic Staff, Karadeniz Teknik Üniversitesi, January, 2019
Appointment Academic Staff, Profesörlük Kadrosuna Atama, Atatürk Üniversitesi, December, 2018
Post Graduate, Yüksek Lisans Tezi Jüri Üyeliği, Recep Tayyip Erdoğan Üniversitesi, November, 2018
Doctoral Examination, Doktora Yeterlik Sınavı, Karadeniz Teknik Üniversitesi, September, 2018
Associate Professor Exam, 2018 Nisan Dönemi Doçentlik, ÜAK, September, 2018
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Karadeniz Teknik Üniversitesi, June, 2018
Doctorate, Doktora Tezi Jüri Üyeliği, Karadeniz Teknik Üniversitesi, June, 2018
Associate Professor Exam, 2017 Aralık Dönemi Doçentlik Sınavı, ÜAK, May, 2018
Appointment Academic Staff, Dr. Öğretim Üyeliğine Atama, Bayburt Üniversitesi, April, 2018
Appointment Academic Staff, Profesörlük Kadrosuna Atama, Niğde Ömer Halisdemir Üniversitesi, February, 2018
Appointment Academic Staff, Yrd. Doç. Kadrosuna Atama, Gümüşhane Üniversitesi, December, 2017
Appointment Academic Staff, Appointment Academic Staff, Aksaray Üniversitesi, October, 2017
Doctorate, Doktora Tez Savunması, Karadeniz Teknik Üniversitesi, July, 2017
Appointment Academic Staff, Appointment Academic Staff, Karadeniz Teknik Üniversitesi, May, 2017
Appointment Academic Staff, Yrd. Doç. Yeniden Atama, Karadeniz Teknik Üniversitesi, April, 2017
Appointment Academic Staff, Appointment Academic Staff, Avrasya Üniversitesi, October, 2016
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Karadeniz Teknik Üniversitesi, May, 2016
Appointment Academic Staff, Appointment Academic Staff, Karadeniz Teknik Üniversitesi, March, 2016
Post Graduate, Yüksek Lisans Tezi Jüri Üyeliği, KTÜ Fen Bilimleri Enstitüsü, January, 2016
Appointment Academic Staff, Yrd. Doç. Yeniden Atama, Recep Tayyip Erdoğan Üniversitesi, January, 2016
Doctorate, Doctorate, Karadeniz Teknik Üniversitesi, August, 2015
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Karadeniz Teknik Üniversitesi, May, 2015
Appointment Academic Staff, Appointment Academic Staff, Gaziantep Üniversitesi, March, 2015
Appointment Academic Staff, Akademik Kadroya Atama Jürisi, Avrasya Üniversitesi, August, 2014
Appointment Academic Staff, Akademik Kadroya Atama Jürisi, Atatürk Üniversitesi, July, 2014
Appointment Academic Staff, Akademik Kadroya Atama Jürisi, Bayburt Üniversitesi, July, 2014
Appointment Academic Staff, Akademik Kadroya Atama Jürisi, Recep Tayyip Erdoğan Üniversitesi, July, 2014
Appointment Academic Staff, Akademik Kadroya Atama Jürisi, Giresun Üniversitesi, July, 2014
Appointment Academic Staff, Akademik Kadroya Atama Jürisi, Karadeniz Teknik Üniversitesi, July, 2014
Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversiteler Arası Kurul, October, 2013
Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversiteler Arası Kurul, October, 2013
Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversiteler Arası Kurul, October, 2013
Post Graduate, Yüksek Lisans Tez Savunması, Karadeniz Teknik Üniversitesi, October, 2013
Appointment Academic Staff, Akademik Kadroya Atama Jürisi, Niğde Üniversitesi, July, 2013
Appointment Academic Staff, Akademik Kadroya Atama Jürisi, Gümüşhane Üniversitesi, July, 2013
Appointment Academic Staff, Akademik Kadroya Atama Jürisi, Karadeniz Teknik Üniversitesi, July, 2013
Doctorate, Doktora Tez Savunması, Karadeniz Teknik Üniversitesi, July, 2013
Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversiteler Arası Kurul, April, 2013
Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversiteler Arası Kurul, April, 2013
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Karadeniz Teknik Üniversitesi, March, 2013
Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversiteler Arası Kurul, October, 2012
Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversiteler Arası Kurul, October, 2012
Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversiteler Arası Kurul, October, 2012

Post Graduate, Yüksek Lisans Tez Savunması, Karadeniz Teknik Üniversitesi, July, 2012
Appointment Academic Staff, Akademik Kadroya Atama Jürisi, Rize Üniversitesi, July, 2012
Appointment Academic Staff, Akademik Kadroya Atama Jürisi, Gaziantep Üniversitesi, July, 2012
Appointment Academic Staff, Akademik Kadroya Atama Jürisi, Avrasya Üniversitesi, July, 2012
Post Graduate, Yüksek Lisans Tez Savunması, Karadeniz Teknik Üniversitesi, January, 2012
Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversiteler Arası Kurul, October, 2011
Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversiteler Arası Kurul, October, 2011
Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversiteler Arası Kurul, October, 2011
Appointment Academic Staff, Akademik Kadroya Atama Jürisi, Zonguldak Karaelmas Üniversitesi, July, 2011
Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversiteler Arası Kurul, April, 2011
Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversiteler Arası Kurul, April, 2011
Doctorate, Doktora Tez Savunması, Karadeniz Teknik Üniversitesi, July, 2010
Doctorate, Doktora Tez Savunması, Karadeniz Teknik Üniversitesi, July, 2010
Committee Of Expert, Committee Of Expert, Gaziosmanpaşa University, August, 2009
Appointment Academic Staff, Appointment Academic Staff, Karadeniz Teknik Üniversitesi, June, 2006

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The contact problem of the functionally graded layer resting on rigid foundation pressed via rigid punch**
YAYLACI M., Abanoz M., Yaylaci E. U. , ÖLMEZ H., SEKBAN D. M. , BİRİNCİ A.
STEEL AND COMPOSITE STRUCTURES, vol.43, no.5, pp.661-672, 2022 (Journal Indexed in SCI)
- II. **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 (Journal Indexed in SCI)
- III. **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., Yaylaci E. U. , ÖLMEZ H., SEKBAN D. M. , BİRİNCİ A.
ARCHIVE OF APPLIED MECHANICS, 2022 (Journal Indexed in SCI)
- IV. **On the plane receding contact between two functionally graded layers using computational, finite element and artificial neural network methods**
Oner E., Sengul Sabano B., Uzun Yaylaci E., ADIYAMAN G., YAYLACI M., BİRİNCİ A.
ZAMM-ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND MECHANIK, 2022 (Journal Indexed in SCI)
- V. **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 (Journal Indexed in SCI)
- VI. **Investigation of continuous and discontinuous contact cases in the contact mechanics of graded materials using analytical method and FEM**
Yaylaci M., Adiyaman G., Öner E., Birinci A.
Computers And Concrete, vol.27, no.3, pp.199-210, 2021 (Journal Indexed in SCI Expanded)
- VII. **Assessment of different solution methods for receding contact problems in functionally graded layered mediums**
Yaylaci M., Eyüboğlu A., Adiyaman G., Uzun Yaylaci E., Öner E., Birinci A.
Mechanics Of Materials, vol.154, pp.1-15, 2021 (Journal Indexed in SCI)
- VIII. **Investigation of the solution for discontinuous contact problem between a functionally graded (FG) layer and homogeneous half-space**
Öner E., Birinci A.
Archive Of Applied Mechanics, vol.90, no.12, pp.2799-2819, 2020 (Journal Indexed in SCI)

- IX. **Artificial neural network calculations for a receding contact problem**
Yaylaci E. U. , Yaylaci M., Ölmez H., Birinci A.
COMPUTERS AND CONCRETE, vol.25, no.6, pp.551-563, 2020 (Journal Indexed in SCI)
- X. **Examination of analytical and finite element solutions regarding contact of a functionally graded layer**
Yaylaci M., Adiyaman G., Öner E., Birinci A.
Structural Engineering And Mechanics, vol.76, no.3, pp.325-336, 2020 (Journal Indexed in SCI Expanded)
- XI. **A receding contact problem of a layer resting on a half plane**
Karabulut P. M. , ADIYAMAN G., BİRİNCİ A.
STRUCTURAL ENGINEERING AND MECHANICS, vol.64, no.4, pp.505-513, 2017 (Journal Indexed in SCI)
- XII. **Continuous and discontinuous contact problem of a functionally graded layer resting on a rigid foundation**
ADIYAMAN G., ÖNER E., BİRİNCİ A.
ACTA MECHANICA, vol.228, no.9, pp.3003-3017, 2017 (Journal Indexed in SCI)
- XIII. **Continuous contact problem of a functionally graded layer resting on an elastic half-plane**
Oner E., Adiyaman G., Birinci A.
ARCHIVES OF MECHANICS, vol.69, no.1, pp.53-73, 2017 (Journal Indexed in SCI)
- XIV. **A receding contact problem between a functionally graded layer and two homogeneous quarter planes**
ADIYAMAN G., BİRİNCİ A., ÖNER E., Yaylaci M.
ACTA MECHANICA, vol.227, no.6, pp.1753-1766, 2016 (Journal Indexed in SCI)
- XV. **Axisymmetric analysis of a functionally graded layer resting on elastic substrate**
TURAN M., ADIYAMAN G., KAHYA V., BİRİNCİ A.
STRUCTURAL ENGINEERING AND MECHANICS, vol.58, no.3, pp.423-442, 2016 (Journal Indexed in SCI)
- XVI. **Analytical solution of a contact problem and comparison with the results from FEM**
ÖNER E., Yaylaci M., BİRİNCİ A.
STRUCTURAL ENGINEERING AND MECHANICS, vol.54, no.4, pp.607-622, 2015 (Journal Indexed in SCI)
- XVII. **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 (Journal Indexed in SCI)
- XVIII. **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 (Journal Indexed in SCI)
- XIX. **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 (Journal Indexed in SCI)
- XX. **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 (Journal Indexed in SCI)
- XXI. **CONTINUOUS CONTACT PROBLEM FOR TWO ELASTIC LAYERS RESTING ON AN ELASTIC HALF-INFINITE PLANE**
Oner E., BİRİNCİ A.
JOURNAL OF MECHANICS OF MATERIALS AND STRUCTURES, vol.9, no.1, pp.105-119, 2014 (Journal Indexed in SCI)
- XXII. **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 (Journal Indexed in SCI)

- XXIII. **Crack-contact problem for an elastic layer with rigid stamps**
Birinci A.
STRUCTURAL ENGINEERING AND MECHANICS, vol.37, no.3, pp.285-296, 2011 (Journal Indexed in SCI)
- XXIV. **An internal crack problem for an infinite elastic layer**
BİRİNCİ A., Birinci F., ÇAKIROĞLU F. L. , Erdol R.
ARCHIVE OF APPLIED MECHANICS, vol.80, no.9, pp.997-1005, 2010 (Journal Indexed in SCI)
- XXV. **A receding contact problem for an anisotropic elastic medium consisting of a layer and a half plane**
Kahya V., Ozsahin T. S. , Birinci A., Erdol R.
INTERNATIONAL JOURNAL OF SOLIDS AND STRUCTURES, vol.44, no.17, pp.5695-5710, 2007 (Journal Indexed in SCI)
- XXVI. **Axisymmetric circumferential internal crack problem of a thick-walled cylinder with inner and outer claddings**
Birinci A., Ozsahin T. S. , Erdol R.
EUROPEAN JOURNAL OF MECHANICS A-SOLIDS, vol.25, no.5, pp.764-777, 2006 (Journal Indexed in SCI)
- XXVII. **Partial closure of a crack located in an anisotropic infinite elastic layer**
Kahya V., Birinci A., Ozsahin T. S. , Erdol R.
EUROPEAN JOURNAL OF MECHANICS A-SOLIDS, vol.25, no.5, pp.819-833, 2006 (Journal Indexed in SCI)
- XXVIII. **A layered composite containing a crack in its lower layer loaded by a rigid stamp**
Birinci A., Erdol R.
EUROPEAN JOURNAL OF MECHANICS A-SOLIDS, vol.23, no.6, pp.909-924, 2004 (Journal Indexed in SCI)
- XXIX. **Prediction of contact lengths between an elastic layer and two elastic circular punches with neural networks**
Ozsahin T. Ş. , Birinci A., ÇAKIROĞLU A. O.
STRUCTURAL ENGINEERING AND MECHANICS, vol.18, no.4, pp.441-459, 2004 (Journal Indexed in SCI)
- XXX. **Double receding contact problem for a rigid stamp and two elastic layers**
Comez I., Birinci A., Erdol R.
EUROPEAN JOURNAL OF MECHANICS A-SOLIDS, vol.23, no.2, pp.301-309, 2004 (Journal Indexed in SCI)
- XXXI. **Partial closure of a crack located in an infinite elastic layer**
Birinci A., Cakiroglu F. L.
EUROPEAN JOURNAL OF MECHANICS A-SOLIDS, vol.22, no.4, pp.583-590, 2003 (Journal Indexed in SCI)
- XXXII. **A frictionless contact problem for two elastic layers supported by a Winkler foundation**
Birinci A., Erdol R.
STRUCTURAL ENGINEERING AND MECHANICS, vol.15, no.3, pp.331-344, 2003 (Journal Indexed in SCI)
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Memberships / Tasks in Scientific Organizations

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Scientific Consultations

Akdeniz Üniversitesi, Project Consultancy, Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği, Turkey, 2008 - 2010

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