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Personal Information

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ScopusID: 6603564799

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Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Matematik Mühendisliği, Turkey
1993 - 1996

Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Matematik Mühendisliği,
Turkey 1990 - 1993

Undergraduate, Yildiz Technical University, Mühendislik Fakültesi, Matematik Mühendisliği, Turkey 1986 - 1990

Certificates, Courses and Trainings

Occupational Health and Safety, A Sınıfı İş Güvenliği Uzmanlığı Belgesi, ÇALIŞMA VE SOSYAL GÜVENLİK BAKANLIĞI - İŞ SAĞLIĞI VE GÜVENLİĞİ GENEL MÜDÜRLÜĞÜ - MERKEZ BİRİM, 2014

Research Areas

Mechanics of Solid Bodies, Civil Engineering, Mechanical, Mathematics, Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Professor, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Mathematics Engineering, 2006 - Continues

Associate Professor, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Mathematics Engineering, 2001 - 2006

Assistant Professor, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Mathematics Engineering, 1996 - 2001

Research Assistant PhD, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Mathematics Engineering, 1996 - 1997

Medical Doctor, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Mathematics Engineering, 1996 - 1996

Research Assistant, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Mathematics Engineering, 1991 - 1996

Research Assistant, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, 1991 - 1991

Academic and Administrative Experience

Yıldız Teknik Üniversitesi, FACULTY OF CHEMICAL AND METALLURGICAL ENGINEERING, Matematik Mühendisliği, 2016
- Continues

Courses

Doktora Tez, Doctorate, 2017 - 2018
MTM Tasarım Uyg. (Gr. 6), Undergraduate, 2017 - 2018
Genel Matematik 1, Undergraduate, 2017 - 2018
MTM Tasarım Uyg. (Gr. 5), Undergraduate, 2017 - 2018
Mekanik 1(Gr 2), Undergraduate, 2017 - 2018
Bitirme Çalışması(Gr. 6), Undergraduate, 2017 - 2018
Uzmanlık Alan, Doctorate, 2017 - 2018
Matematik, Undergraduate, 2017 - 2018

Advising Theses

YAHNIOĞLU N., Piezoelektrik/Metal/Piezoelektrik üç katmandan oluşan dikdörtgen kalın plağın delaminasyon burkulmasının FEM ile incelenmesi, Doctorate, F.Aylıkçı(Student), 2016
YAHNIOĞLU N., Silindirik Boşluk İçeren Öngerilmeli Dikdörtgen Plakların Bazı Statik ve Dinamik Problemlerinin FEM ile İncelenmesi, Doctorate, Ü.Babuşçu(Student), 2016
YAHNIOĞLU N., Tek veya Çift Dairesel Delik İçeren Şerit Levhada Gerilme Yığılmasının Sonlu Elemanlarla İncelenmesi, Postgraduate, Ü.(BABUŞÇU)(Student), 2016
YAHNIOĞLU N., Dikdörtgen Delik İçeren Şerit-Levhaya Ait Bir Non-Linear Sınır Değer Problemlerinin FEM İle İncelenmesi, Postgraduate, H.AĞIT(Student), 2016
YAHNIOĞLU N., Çatlak içeren kompozit şerit-levhanın doğal frekanslarına çatlak etkisi, Postgraduate, A.EREN(Student), 2016
YAHNIOĞLU N., Viskoelastik Kompozit Malzemedeki Yapılmış Dikdörtgen Dikdörtgen Kalın Plakların Delaminasyonun İncelenmesi, Doctorate, E.Esra(Student), 2016
YAHNIOĞLU N., Çatlak İçeren Üç Katlı Elastik ve Viskoelastik Sandviç Kalın Plakların Delaminasyonu (İkinci Danışman), Doctorate, A.TEKİN(Student), 2016
YAHNIOĞLU N., Çatlak içeren Öngerilmeli Şeritte Çatlak Ucunda Oluşan Gerilme Birikimi Şiddeti Faktörünün Belirlenmesi, Doctorate, A.TURAN(Student), 2016
YAHNIOĞLU N., Bazı Non-Linear Sınırdeğer Problemlerinin FEM İle İncelenmesi ((İkinci Danışman), Doctorate, S.SELİM(Student), 1999

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Free vibration of simply supported piezoelectric plates containing a cylindrical cavity**
Yesil U. B., Yahnioglu N.
ARCHIVE OF APPLIED MECHANICS, vol.92, no.9, pp.2665-2678, 2022 (SCI-Expanded)
- II. **The Influence of Imperfect Contact Conditions between Layers of a Hollow Sandwich Sphere on its Natural Frequencies**
Sevdimaliyev Y. M., Akbarov S., Yahnioglu N.
MECHANICS OF COMPOSITE MATERIALS, vol.56, pp.541-554, 2020 (SCI-Expanded)
- III. **3D FEM Analysis of Buckling Delamination of a Piezoelectric Sandwich Rectangular Plate with Interface Edge Cracks**

Aylıkçı F., Akbarov S., Yahnioğlu N.

MECHANICS OF COMPOSITE MATERIALS, vol.55, no.6, pp.797-810, 2020 (SCI-Expanded)

- IV. **ON THE NATURAL OSCILLATION OF AN INHOMOGENEOUSLY PRE-STRESSED MULTILAYERED HOLLOW SPHERE FILLED WITH A COMPRESSIBLE FLUID**
Sevdimaliyev Y. M., Akbarov S., Guliyev H. H., Yahnioğlu N.
APPLIED AND COMPUTATIONAL MATHEMATICS, vol.19, no.1, pp.132-146, 2020 (SCI-Expanded)
- V. **Influence of prestress on the natural frequency of a fluid-filled FGM sphere**
Akbarov S., Çilli A., Yahnioğlu N.
EMERGING MATERIALS RESEARCH, vol.8, no.4, pp.663-667, 2019 (SCI-Expanded)
- VI. **Buckling delamination of a PZT/Metal/PZT sandwich rectangular thick plate containing interface inner band cracks**
Aylıkçı F., Akbarov S., Yahnioğlu N.
COMPOSITE STRUCTURES, vol.202, pp.9-16, 2018 (SCI-Expanded)
- VII. **The influence of initial stresses on energy release rate and total electro-mechanical potential energy for penny-shaped interface cracks in PZT/Elastic/PZT sandwich circular plate-disc**
AKBAROV S., Cafarova F., YAHNİOĞLU N.
SMART STRUCTURES AND SYSTEMS, vol.22, no.3, pp.259-276, 2018 (SCI-Expanded)
- VIII. **The Discrete-Analytical Solution Method for Investigation Dynamics of the Sphere with Inhomogeneous Initial Stresses**
AKBAROV S., Guliyev H. H., Sevdimaliyev Y. M., YAHNİOĞLU N.
CMC-COMPUTERS MATERIALS & CONTINUA, vol.55, no.2, pp.359-380, 2018 (SCI-Expanded)
- IX. **Three-dimensional analysis of the natural vibration of the three-layered hollow sphere with middle layer made of FGM**
AKBAROV S., GULIYEV H. H., YAHNİOĞLU N.
Structural Engineering and Mechanics, vol.61, no.5, pp.563-576, 2017 (SCI-Expanded)
- X. **Buckling delamination of the PZT/Metal/PZT sandwich circular plate-disc with penny-shaped interface cracks**
Cafarova F. I., AKBAROV S., YAHNİOĞLU N.
Smart Structures and Systems, vol.19, no.2, pp.163-179, 2017 (SCI-Expanded)
- XI. **On the total electro-mechanical potential energy and energy release rate at the interface crack tips in an initially stressed sandwich plate-strip with piezoelectric face and elastic core layers**
AKBAROV S., YAHNİOĞLU N.
INTERNATIONAL JOURNAL OF SOLIDS AND STRUCTURES, pp.119-130, 2016 (SCI-Expanded)
- XII. **Natural vibration of the three-layered solid sphere with middle layer made of FGM: three-dimensional approach**
AKBAROV S., Guliyev H. H., YAHNİOĞLU N.
STRUCTURAL ENGINEERING AND MECHANICS, vol.57, no.2, pp.239-263, 2016 (SCI-Expanded)
- XIII. **Predicting Epidemic Diseases using Mathematical Modelling of SIR**
Ergen K., ÇİLLİ A., YAHNİOĞLU N.
ACTA PHYSICA POLONICA A, vol.128, 2015 (SCI-Expanded)
- XIV. **A 3D FEM Analysis of Buckling Delamination of a Rectangular Plate with an Inner Rectangular Crack under a Biaxial Compressive Force**
AKBAROV S., YAHNİOĞLU N., KARATAŞ E. E.
MECHANICS OF COMPOSITE MATERIALS, vol.49, no.6, pp.585-594, 2014 (SCI-Expanded)
- XV. **Buckling Delamination of a Rectangular Viscoelastic Sandwich Plate Containing Interface Inner Cracks**
Akbarov S., Yahnioğlu N., Tekin A.
JOURNAL OF ENGINEERING MECHANICS, vol.140, no.1, pp.134-148, 2014 (SCI-Expanded)
- XVI. **Buckling delamination of a rectangular sandwich plate containing inner cracks under biaxial loading**
Akbarov S., Yahnioğlu N., Tekin A.
MECHANICS OF COMPOSITE MATERIALS, vol.49, no.5, pp.537-550, 2013 (SCI-Expanded)

- XVII. **Buckling delamination of a sandwich plate-strip with piezoelectric face and elastic core layers**
AKBAROV S., YAHNIOĞLU N.
APPLIED MATHEMATICAL MODELLING, vol.37, pp.8029-8038, 2013 (SCI-Expanded)
- XVIII. **A 3D FEM analysis of stress concentrations around two neighboring cylindrical holes in a prestressed rectangular composite plate under bending**
AKBAROV S., YAHNIOĞLU N., YEŞİL Ü.
MECHANICS OF COMPOSITE MATERIALS, vol.48, no.5, pp.499-510, 2012 (SCI-Expanded)
- XIX. **3D FEM Analysis of the Buckling Delamination of a Rectangular Viscoelastic Composite Plate with an Embedded Rectangular Crack Under Two-Axial Compression**
AKBAROV S., YAHNIOĞLU N., KARATAŞ E. E.
CMC-COMPUTERS MATERIALS & CONTINUA, vol.30, no.1, pp.1-18, 2012 (SCI-Expanded)
- XX. **Local Buckling Delamination of a Rectangular Sandwich Plate Containing Interface Embedded Rectangular Cracks and Made From Elastic and Viscoelastic Materials**
Akbarov S., YAHNIOĞLU N., Tekin A.
CMC-COMPUTERS MATERIALS & CONTINUA, vol.29, no.1, pp.41-74, 2012 (SCI-Expanded)
- XXI. **3D Analysis of the Forced Vibration of a Prestressed Rectangular Composite Plate With Two Neighboring Cylindrical Cavities**
AKBAROV S., YAHNIOĞLU N., YEŞİL Ü.
CMC-COMPUTERS MATERIALS & CONTINUA, vol.28, no.2, pp.147-164, 2012 (SCI-Expanded)
- XXII. **Buckling delamination of a rectangular plate containing a rectangular crack and made from elastic and viscoelastic composite materials**
AKBAROV S., YAHNIOĞLU N., KARATAŞ E. E.
INTERNATIONAL JOURNAL OF SOLIDS AND STRUCTURES, vol.47, pp.3426-3434, 2010 (SCI-Expanded)
- XXIII. **DELAMINATION BUCKLING OF A RECTANGULAR ORTHOTROPIC COMPOSITE PLATE CONTAINING A BAND CRACK**
AKBAROV S., YAHNIOĞLU N.
MECHANICS OF COMPOSITE MATERIALS, vol.46, no.5, pp.493-504, 2010 (SCI-Expanded)
- XXIV. **FORCED VIBRATION OF AN INITIALLY STRESSED THICK RECTANGULAR PLATE MADE OF AN ORTHOTROPIC MATERIAL WITH A CYLINDRICAL HOLE**
Akbarov S., Yahnioğlu N., Yeşil Ü.
MECHANICS OF COMPOSITE MATERIALS, vol.46, pp.287-298, 2010 (SCI-Expanded)
- XXV. **3D FEM Analyses of the Buckling Delamination of a Rectangular Sandwich Plate Containing Interface Rectangular Cracks and Made from Elastic and Viscoelastic Materials**
Akbarov S., YAHNIOĞLU N., Tekin A.
CMES-COMPUTER MODELING IN ENGINEERING & SCIENCES, vol.64, no.2, pp.147-185, 2010 (SCI-Expanded)
- XXVI. **Interaction between two neighboring circular holes in a prestretched simply supported orthotropic strip under bending**
Akbarov S., Yahnioğlu N., Yeşil Ü.
MECHANICS OF COMPOSITE MATERIALS, vol.44, pp.581-590, 2008 (SCI-Expanded)
- XXVII. **On the stress distribution in a prestretched simply supported strip containing two neighboring circular holes under forced vibration**
YAHNIOĞLU N.
INTERNATIONAL APPLIED MECHANICS, vol.43, no.10, pp.1179-1183, 2007 (SCI-Expanded)
- XXVIII. **On the stress distribution in the pre-stretched simply supported strip containing two neighbouring circular holes under forced vibration**
YAHNIOĞLU N.
INTERNATIONAL APPLIED MECHANICS, vol.43, no.10, pp.1179-1183, 2007 (SCI-Expanded)
- XXIX. **On the influence of the initial tension of a strip with a rectangular hole on the stress concentration caused by additional loading**
Akbarov S., Yahnioğlu N., Yucel A.
JOURNAL OF STRAIN ANALYSIS FOR ENGINEERING DESIGN, vol.39, pp.615-624, 2004 (SCI-Expanded)

- XXX. **Influence of initial stresses on stress intensity factors at crack tips in a composite**
AKBAROV S., YAHNIOĞLU N., TURAN DİNCEL A.
Mechanics Of Composite Materials, vol.40, pp.299-308, 2004 (SCI-Expanded)
- XXXI. **The loss of stability analyses of an elastic and viscoelastic composite circular plate in the framework of three-dimensional linearized theory**
KÜTÜĞ Z., YAHNIOĞLU N., AKBAROV S.
European Journal of Mechanics, A/Solids, vol.22, no.3, pp.475-488, 2003 (SCI-Expanded)
- XXXII. **Stability loss analyses of the elastic and viscoelastic composite rotating thick circular plate in the framework of the three-dimensional linearized theory of stability**
YAHNIOĞLU N., AKBAROV S.
International Journal of Mechanical Sciences, vol.44, no.6, pp.1225-1244, 2002 (SCI-Expanded)
- XXXIII. **On the three-dimensional stability loss problem of the viscoelastic composite plate**
Akbarov S., YAHNIOGLU N., KUTUG Z.
INTERNATIONAL JOURNAL OF ENGINEERING SCIENCE, vol.39, no.13, pp.1443-1457, 2001 (SCI-Expanded)
- XXXIV. **A method of investigation of the general theory of stability problems on structural elements fabricated from viscoelastic composite materials**
Akbarov S., YAHNIOGLU N.
COMPOSITES PART B-ENGINEERING, vol.32, no.5, pp.473-480, 2001 (SCI-Expanded)
- XXXV. **Bending of a composite material strip with curved structure in the geometrically nonlinear statement**
Yahnioglu N., Selim S.
MECHANICS OF COMPOSITE MATERIALS, vol.36, no.6, pp.459-464, 2000 (SCI-Expanded)
- XXXVI. **Mechanics of composite materials with curved structures and elements of constructions (review)**
Akbarov S., GUZ' A., YAHNIOGLU N.
INTERNATIONAL APPLIED MECHANICS, vol.34, no.11, pp.1067-1078, 1998 (SCI-Expanded)
- XXXVII. **Influence of local structural damage in multilayered thick plate material on the stress distribution**
Akbarov S., Yahnioglu N.
INTERNATIONAL APPLIED MECHANICS, vol.34, no.9, pp.873-877, 1998 (SCI-Expanded)
- XXXVIII. **On the fracture of the unidirectional composites in compression**
Akbarov S., Sisman T., Yahnioglu N.
INTERNATIONAL JOURNAL OF ENGINEERING SCIENCE, vol.35, pp.1115-1136, 1997 (SCI-Expanded)
- XXXIX. **Three-dimensional analysis of stress fields in the plates fabricated from composite materials with small-scale structural curving**
Yahnioglu N.
MECHANICS OF COMPOSITE MATERIALS, vol.33, no.3, pp.239-245, 1997 (SCI-Expanded)
- XL. **Stress distribution in a strip fabricated from a composite material with small-scale curved structure**
Akbarov S., YAHNIOGLU N.
INTERNATIONAL APPLIED MECHANICS, vol.32, no.9, pp.684-690, 1996 (SCI-Expanded)

Articles Published in Other Journals

- I. **PİEZOELEKTRİK SANDVIÇ DİKDÖRTGEN KALIN PLAĞIN DELAMİNASYON BURKULMA MODUNA ÇEŞİTLİ GEOMETRİK VE MALZEME PARAMETRELERİNİN ETKİSİ**
AYLIKCI F., YAHNIOĞLU N.
Ömer Halisdemir Üniversitesi Mühendislik Bilimleri Dergisi, vol.8, no.3, pp.109-120, 2019 (Peer-Reviewed Journal)
- II. **PİEZOELEKTRİK PRİZMATİK DOLGU İÇEREN DİKDÖRTGEN KALIN PLAĞIN FEM İLE ELEKTRO-STATİK ANALİZİ**
Yeşil Ü., Yahnioglu N., Uçan Y.
Niğde Ömer Halisdemir Üniversitesi Mühendislik Bilimleri Dergisi, vol.8, no.3, pp.69-81, 2019 (Peer-Reviewed Journal)

- III. **Own Weight Effect on Static Analysis of Pre-Stretched Plate-Strip Containing Twin Circular Inclusions Under Bending**
Yeşil Ü., Yahnioğlu N.
Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.19, no.3, pp.902-913, 2019 (Peer-Reviewed Journal)
- IV. **The effect of crack size on the buckling delamination mode (surface wrinkles) of apiezoelectric sandwich rectangular thick plate with interface edge cracks**
Aylıkçı F., Yahnioğlu N.
AIP CONFERENCE PROCEEDINGS, vol.2042, pp.1-4, 2018 (Scopus)
- V. **FEM ANALYSIS OF THE INFLUENCE OF THE PLATE GEOMETRY ON THE BUCKLING DELAMINATION OF A PIEZOELECTRIC SANDWICH RECTANGULAR THICK PLATE**
AYLIKCI F., YAHNIOĞLU N., ELİBOL A.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.9, no.2, pp.193-202, 2018 (ESCI)
- VI. **Stress Concentration In Two Neighbouring Circular Holes In a Composite Plate**
Yahnioglu N.
ANALELE, FASCICOLA MATEMATICA TOM XIII, vol.8, no.8, pp.261-272, 2006 (Peer-Reviewed Journal)
- VII. **Dolgu içeren şerit-levhanın eğilmesine geometrik non-lineeritenin etkisi**
YAHNIOĞLU N., Agit H.
Sigma, Mühendislik ve Fen Bilimleri Dergisi, no.2005, pp.67-78, 2005 (Peer-Reviewed Journal)
- VIII. **Dikdörtgen delik içeren kompozit şerit-levhanın eğilmesinde yapıda oluşan gerilme yığılmalarına geometrik non-lineeritenin etkisi**
YAHNIOĞLU N., Agit H.
Sigma, Mühendislik ve Fen Bilimleri Dergisi, no.2005, pp.25-35, 2005 (Peer-Reviewed Journal)
- IX. **Influence of initial stresses on stress intensity factors at crack tips in a composite strip**
Akbarov S., Yahnioglu N., Turan A.
Mekhanika Kompozitnykh Materialov, vol.40, no.4, pp.467-478, 2004 (Scopus)
- X. **Dikdörtgen Delik Formunda Dolgu Malzemesi İçeren Şerit-Levhada Gerilme Birikimi**
Yahnioğlu N.
Y.T.Ü. Dergisi, 2002 (Non Peer-Reviewed Journal)
- XI. **The influence of the local structural damage of the multilayered thick plate material to the stress distribution**
Akbarov S., Yahnioglu N.
Wuhan Daxue Xuebao (Xinxi Kexue Ban)/Geomatics and Information Science of Wuhan University, vol.23, no.4, pp.64-68, 1998 (Scopus)
- XII. **FEM analysis of the stress and displacement distribution in the cantilever pate fabricated from the composite material with small-scale periodically curved structure**
YAHNIOĞLU N.
YTÜ Dergisi, pp.61-73, 1996 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **THE EFFECTS OF AN IMPERFECT CONTACT CONDITIONS ON THE HIGHER NATURAL FREQUENCIES OF A SANDWICH HOLLOW SPHERE UNDER TORSIONAL VIBRATION MODE**
Yahnioğlu N., Sevdimaliyev Y.
7th International Conference on CONTROL AND OPTIMIZATION WITH INDUSTRIAL APPLICATIONS (COIA-2020), Baku, Azerbaijan, 26 - 28 August 2020, vol.1, pp.410-412
- II. **The mode of the buckling delamination of the PZT/Metal/PZT sandwich rectangular plate with interface embedded rectangular cracks**
Aylıkçı F., Yahnioğlu N., Akbarov S.

7th ECCOMAS Thematic Conference on the Mechanical Response of Composites (COMPOSITES 2019), Girona, Spain, 18 - 20 September 2019, vol.1, no.1, pp.13-22

- III. **PİEZOELEKTRİK SANDVIÇ DİKDÖRTGEN KALIN PLAĞIN DELAMİNASYON BURKULMA MODUNA ÇEŞİTLİ GEOMETRİK VE MALZEME PARAMETRELERİNİN ETKİSİ**
AYLIKCI F., YAHNİOĞLU N.
21. ULUSAL MEKANİK KONGRESİ, Niğde, Turkey, 2 - 06 September 2019, vol.1, pp.372-381
- IV. **Piezoelektrik sandviç dikdörtgen kalın plağın delaminasyon burkulma moduna çeşitli geometrik ve malzeme parametrelerinin etkisi**
Aylıkçı F., Yahnioğlu N.
Ulusal Mekanik Kongresi, Niğde, Turkey, 2 - 06 September 2019, vol.1, pp.372-381
- V. **İçi Boş Sandviç Kürenin Doğal Titreşim Frekanslarına Levhalar Arası Kusurlu Temas Koşullarının Etkisi**
Sevdimaliyev Y., Akbarov S., Yahnioğlu N.
Ulusal Mekanik Kongresi, Niğde, Turkey, 2 - 06 September 2019, vol.1, pp.342-352
- VI. **Piezoelektrik Prizmatik Dolgu İçeren Dikdörtgen Kalın Plağın FEM ile Analizi**
Babuscu Yesil U., Yahnioğlu N., Ucan Y.
Ulusal Mekanik Kongresi, Niğde, Turkey, 2 - 06 September 2019, vol.1, pp.410-420
- VII. **THE EFFECTS OF INHOMOGENEOUS INITIAL STRESSES ON THE OSCILLATION OF A MULTILAYERED HOLLOW SPHERE FILLED WITH A COMPRESSIBLE FLUID**
Akbarov S., Yahnioğlu N., Guliyev H. H., Sedimaliyev Y.
International Conference on Applied Analysis and Mathematical Modeling, İstanbul, Turkey, 10 - 13 March 2019, vol.1, no.1, pp.44
- VIII. **INFLUENCE OF THE INHOMOGENEOUS INITIAL STRESS ON THE NATURAL FREQUENCIES OF A FLUID-FILLED HOLLOW SPHERE MADE OF FGM**
AKBAROV S., ÇİLLİ A., YAHNİOĞLU N.
5th International Conference on Computational and Experimental Science and Engineering (ICCESN 2018), Antalya, Turkey, 12 October 2018, vol.1, no.1, pp.217
- IX. **THE EFFECT OF CRACK SIZE ON THE BUCKLING DELAMINATION MODE (SURFACE WRINKLES) OF A PIEZOELECTRIC SANDWICH RECTANGULAR THICK PLATE WITH INTERFACE EDGE CRACKS**
AYLIKCI F., YAHNİOĞLU N.
TURKISH PHYSICAL SOCIETY 34TH INTERNATIONAL PHYSICS CONGRESS, Muğla, Turkey, 05 September 2018, vol.1, no.1, pp.61
- X. **THE EFFECT OF BOUNDARY CONDITIONS ON THE CRITICAL PARAMETERS IN THE BUCKLING DELAMINATION OF PZT/Metal/PZT SANDWICH RECTANGULAR THICK PLATE**
AYLIKCI F., YAHNİOĞLU N., ELİBOL A.
7th International Eurasian Conference On Mathematical Sciences And Applications (IECMSA-2018), Kiev, Ukraine, 28 August 2018, vol.1, pp.1
- XI. **EFFECTS OF THE MATERIAL CONSTANTS ON THE TORSIONAL VIBRATION OF A HOLLOW SPHERE WITH THE INHOMOGENEOUS INITIAL STRESSES**
AKBAROV S., YAHNİOĞLU N., Guliyev H. H.
7TH INTERNATIONAL EURASIAN CONFERENCE ON MATHEMATICAL SCIENCES AND APPLICATIONS KYIV - UKRAINE, Kiev, Ukraine, 28 August 2018, vol.1, pp.1
- XII. **3D FEM analysis of a buckling delamination of a piezoelectric sandwich rectangular plate with interface edge cracks**
AYLIKCI F., AKBAROV S., YAHNİOĞLU N.
4th International Conference on Mechanics of Composites, Madrid, Spain, 09 July 2018, pp.50
- XIII. **FREE VIBRATION OF A FLUID-FILLED HOLLOW SPHERE WITH INHOMOGENEOUS INITIAL STRESS**
AKBAROV S., YAHNİOĞLU N., Guliyev H. H.
International Conference on Innovations in Natural Science and Engineering (ICINSE 2018), Famagusta, Cyprus (Kktc), 03 January 2018, vol.1, no.1, pp.3-4
- XIV. **Buckling delamination of a PZT/Metal/PZT sandwich rectangular thick plate with closed- circuit**

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1st International Conference on Innovations in Natural Science and Engineering, Famagusta, Cyprus (Kktc), 03 January 2018, pp.25

- XV. **On one integral criterion of reliability of geoinformation**
Guliyev H. H., AKBAROV S., YAHNIOĞLU N., Sevdimaliyev Y. M.
17th International Conference on Geoinformatics: Theoretical and Applied Aspects, Kyiv, Ukraine, 14 - 17 May 2018, no.1
- XVI. **Natural Vibration of a Multilayered Hollow Sphere Filled with a Compressible Fluid**
AKBAROV S., YAHNIOĞLU N., Guliyev H. H.
34th International Physics Congress of the Turkish-Physical-Society (TPS), Konacik, Turkey, 5 - 09 September 2018, vol.2042
- XVII. **ON THE DISCRETE-ANALYTICAL SOLUTION METHOD FOR INVESTIGATION DYNAMICAL PROBLEMS OF THE SPHERE WITH INHOMOGENEOUS INITIAL STRESSES**
AKBAROV S., Guliyev H. H., YAHNIOĞLU N.
13th International Conference on Vibration Problems, Guwahati, India, 29 November 2017, pp.1-15
- XVIII. **HOMOJEN OLMAYAN ÖNGERİLME İÇEREN İÇİ BOŞ KÜRENİN TORSİYONEL TİTREŞİMİ**
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