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Education Information

Doctorate, Azerbaycan Teknik Üniversitesi, Sscb En Yüksek Tasnif Komisyonu, Teorik Mekaniik, Azerbaijan 1985 - 1989

Foreign Languages

Russian, B2 Upper Intermediate

English, B1 Intermediate

German, B1 Intermediate

Dissertations

Doctorate, ÇEVRE ETKİSİNİ GÖZÖNÜNE ALARAK HOMOJEN OLMAYAN MALZEMELERDEN OLUŞAN BAZI YAPI ELEMANLARININ DEFORMASYON VE STABİLİTESİ, Azerbaycan Teknik Üniversitesi, 01.02.04 Deformasyona Maruz Rijit Cisimler Mekanığı, Teorik Mekaniik, 1989

Research Areas

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

Academic Titles / Tasks

Professor, Suleyman Demirel University, Mühendislik Fakültesi, İnşaat Mühendisliğı Bölümü, 2005 - Continues

Professional Experience

Head of Department, Suleyman Demirel University, Mühendislik Fakültesi, İnşaat Mühendisliğı Bölümü, 2005 - 2018

Advising Theses

AVEY A., WİNKLER ELASTİK ZEMİNE OTURAN VE KAYMA GERİLMELERİ İÇEREN HOMOJEN OLMAYAN ORTOTROPİK DİKDÖRTGEN PLAKLARIN STABİLİTESİ, Post Graduate, A.Nadi(Student), 2017

AVEY A., ENİNE KAYMA DEFORMASYONU İÇEREN HOMOJEN OLMAYAN ANİZOTROP ÇAPRAZ TABAKALI KESİK KONİ KABUKLARIN DEĞİŞİK BASINÇ YÜKLERİ ETKİSİ ALTINDA BURKULMA DAVRANIŞI, Doctorate, P.ÖZYİĞİT(Student), 2015

AVEY A., FONKSİYONEL DEĞİŞİMLİ ORTOTROP PLAKLARIN DİNAMİK TEPKİSİNE KAYMA DEFORMASYONU VE DÖNEL EYLEMSİZLİK ETKİLERİNİN İNCELENMESİ, Post Graduate, M.PINARLIK(Student), 2015

AVEY A., FONKSİYONEL DEĞİŞİMLİ ÇEKİRDEĞE SAHİP ÜÇ TABAKALI SİLİNDİRİK KABUKLARIN PARAMETRİK TİTREŞİMİ, Post Graduate, İ.YILDIZ(Student), 2015

AVEY A., FDM YÜZ KAPLAMALI SANDVIÇ SİLİNDİRİK KABUKLARIN HİDROSTATİK BASINÇ YÜKÜ ETKİSİ ALTINDAKİ STABİLİTESİ, Post Graduate, B.Mert(Student), 2013

AVEY A., FONKSİYONEL DEĞİŞİMLİ MALZEMELERLE KAPLANMIŞ METAL SİLİNDİRİK KABUKLARIN SERBEST TİTREŞİMİ, Post Graduate, U.BESTELCİ(Student), 2013

AVEY A., KOMBİNE YÜKLER ETKİSİ ALTINDA HOMOJEN OLMAYAN ORTOTROP MALZEMELERDEN OLUŞAN KAYMA DEFORMASYONLU TABAKALI SİLİNDİRİK KABUKLARIN STABİLİTESİ, Doctorate, M.AVCAR(Student), 2011

AVEY A., BURULMA YÜKÜ ETKİSİ ALTINDAKİ FONKSİYONEL TABAKA İÇEREN ÜÇ TABAKALI SİLİNDİRİK KABUĞUN BURKULMASINA WINKLER ZEMİN ETKİSİNİN İNCELENMESİ, Post Graduate, Ş.ADIGÜZEL(Student), 2011

AVEY A., HOMOJEN OLMAYAN ELASTİK KÜRESEL KABUĞUN TERMAL BURKULMASI, Post Graduate, P.ÖZYİĞİT(Student), 2010

AVEY A., FONKSİYONEL DEĞİŞİMLİ MALZEMELERDEN OLUŞAN DAİRESEL KONİK KABUKLARIN ZAMANA BAĞLI DEĞİŞEN EKSENEL YÜK ETKİSİ ALTINDA DİNAMİK BURKULMASI, Doctorate, A.DENİZ(Student), 2007

AVEY A., ELASTİK ZEMİN ÜZERİNDE BULUNAN HOMOJEN OLMAYAN ELASTİK KİRİŞİN STABİLİTE VE TİTREŞİMİ, Post Graduate, M.AVCAR(Student), 2007

AVEY A., HOMOJEN OLMAYAN ORTOTROP KOMPOZİT MALZEMELERDEN OLUŞAN DİKDÖRTGEN PLAKLARIN ENİNE KAYMA DEFORMASYONUNU İÇEREN TİTREŞİM ANALİZİ, Post Graduate, İ.Feyza(Student), 2004

AVEY A., HOMOJEN OLMAYAN MALZEMELERDEN OLUŞAN ELASTİK SİLİNDİRİK BİR KABUĞUN ZAMANA BAĞLI BASINÇ YÜKLERİ ALTINDAKİ DİNAMİK STABİLİTESİ, Post Graduate, A.DENİZ(Student), 2000

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

- I. **The forced vibration of infinitely long cylinders reinforced by carbon nanotubes subjected to combined internal and ring-shaped compressive pressures**
Sofiyev A., Bayramov R. P. O. , Heydarov S. H. O.
MATHEMATICAL METHODS IN THE APPLIED SCIENCES, 2020 (Journal Indexed in SCI)
- II. **Asymptotic analysis of three-dimensional problem of elasticity theory for radially inhomogeneous transversally-isotropic thin hollow spheres**
Akhmedov N. K. , Sofiyev A.
THIN-WALLED STRUCTURES, vol.139, pp.232-241, 2019 (Journal Indexed in SCI)
- III. **Review of research on the vibration and buckling of the FGM conical shells**
Sofiyev A.
COMPOSITE STRUCTURES, vol.211, pp.301-317, 2019 (Journal Indexed in SCI)
- IV. **The buckling and vibration analysis of coating-FGM-substrate conical shells under hydrostatic pressure with mixed boundary conditions**
Sofiyev A.
COMPOSITE STRUCTURES, vol.209, pp.686-693, 2019 (Journal Indexed in SCI)
- V. **On the vibration and stability of FGM cylindrical shells under external pressures with mixed boundary conditions by using FOSDT**
Sofiyev A., HUI D.
THIN-WALLED STRUCTURES, vol.134, pp.419-427, 2019 (Journal Indexed in SCI)
- VI. **About an approach to the determination of the critical time of viscoelastic functionally graded cylindrical shells**
Sofiyev A.
COMPOSITES PART B-ENGINEERING, vol.156, pp.156-165, 2019 (Journal Indexed in SCI)
- VII. **On the solution of the dynamic stability of heterogeneous orthotropic visco-elastic cylindrical shells**
Sofiyev A.
COMPOSITE STRUCTURES, vol.206, pp.124-130, 2018 (Journal Indexed in SCI)
- VIII. **Application of the FOSDT to the solution of buckling problem of FGM sandwich conical shells under**

hydrostatic pressure

Sofiyev A.

COMPOSITES PART B-ENGINEERING, vol.144, pp.88-98, 2018 (Journal Indexed in SCI)

- IX. **Application of the first order shear deformation theory to the solution of free vibration problem for laminated conical shells**
Sofiyev A.
COMPOSITE STRUCTURES, vol.188, pp.340-346, 2018 (Journal Indexed in SCI)
- X. **Free bending vibration analysis of thin bidirectionally exponentially graded orthotropic rectangular plates resting on two-parameter elastic foundations**
Haciyev V. C. , Sofiyev A., Kuruoglu N.
COMPOSITE STRUCTURES, vol.184, pp.372-377, 2018 (Journal Indexed in SCI)
- XI. **Determination of the excitation frequencies of laminated orthotropic non-homogeneous conical shells**
Sofiyev A., Kuruoglu N.
COMPOSITES PART B-ENGINEERING, vol.132, pp.151-160, 2018 (Journal Indexed in SCI)
- XII. **The stability analysis of shear deformable FGM sandwich conical shells under the axial load**
Sofiyev A.
COMPOSITE STRUCTURES, vol.176, pp.803-811, 2017 (Journal Indexed in SCI)
- XIII. **The free vibration of sandwich truncated conical shells containing functionally graded layers within the shear deformation theory**
Sofiyev A., OSMANÇELEBİOĞLU E.
COMPOSITES PART B-ENGINEERING, vol.120, pp.197-211, 2017 (Journal Indexed in SCI)
- XIV. **The effect of heterogeneity on the parametric instability of axially excited orthotropic conical shells**
Sofiyev A., Pancar E. B.
THIN-WALLED STRUCTURES, vol.115, pp.240-246, 2017 (Journal Indexed in SCI)
- XV. **Thermoelastic stability of freely supported functionally graded conical shells within the shear deformation theory**
Sofiyev A.
COMPOSITE STRUCTURES, vol.152, pp.74-84, 2016 (Journal Indexed in SCI)
- XVI. **Large amplitude vibration of FGM orthotropic cylindrical shells interacting with the nonlinear Winkler elastic foundation**
Sofiyev A.
COMPOSITES PART B-ENGINEERING, vol.98, pp.141-150, 2016 (Journal Indexed in SCI)
- XVII. **Nonlinear free vibration of shear deformable orthotropic functionally graded cylindrical shells**
Sofiyev A.
COMPOSITE STRUCTURES, vol.142, pp.35-44, 2016 (Journal Indexed in SCI)
- XVIII. **Parametric vibration of FGM conical shells under periodic lateral pressure within the shear deformation theory**
Sofiyev A.
COMPOSITES PART B-ENGINEERING, vol.89, pp.282-294, 2016 (Journal Indexed in SCI)
- XIX. **Buckling of heterogeneous orthotropic composite conical shells under external pressures within the shear deformation theory**
Sofiyev A.
COMPOSITES PART B-ENGINEERING, vol.84, pp.175-187, 2016 (Journal Indexed in SCI)
- XX. **Buckling analysis of freely-supported functionally graded truncated conical shells under external pressures**
Sofiyev A.
COMPOSITE STRUCTURES, vol.132, pp.746-758, 2015 (Journal Indexed in SCI)
- XXI. **On the vibration and stability of shear deformable FGM truncated conical shells subjected to an axial load**
Sofiyev A.

- COMPOSITES PART B-ENGINEERING, vol.80, pp.53-62, 2015 (Journal Indexed in SCI)
- XXII. **The effect of mixed boundary conditions on the stability behavior of heterogeneous orthotropic truncated conical shells**
Sofiyev A., Huseynov S. E., ÖZYİĞİT P., Isayev F. G.
MECCANICA, vol.50, pp.2153-2166, 2015 (Journal Indexed in SCI)
- XXIII. **Influences of shear stresses on the dynamic instability of exponentially graded sandwich cylindrical shells**
Sofiyev A.
COMPOSITES PART B-ENGINEERING, vol.77, pp.349-362, 2015 (Journal Indexed in SCI)
- XXIV. **The vibration and buckling of sandwich cylindrical shells covered by different coatings subjected to the hydrostatic pressure**
Sofiyev A.
COMPOSITE STRUCTURES, vol.117, pp.124-134, 2014 (Journal Indexed in SCI)
- XXV. **On the buckling of composite conical shells resting on the Winkler-Pasternak elastic foundations under combined axial compression and external pressure**
Sofiyev A.
COMPOSITE STRUCTURES, vol.113, pp.208-215, 2014 (Journal Indexed in SCI)
- XXVI. **The effect of elastic foundations on the nonlinear buckling behavior of axially compressed heterogeneous orthotropic truncated conical shells**
Sofiyev A.
THIN-WALLED STRUCTURES, vol.80, pp.178-191, 2014 (Journal Indexed in SCI)
- XXVII. **The combined influences of heterogeneity and elastic foundations on the nonlinear vibration of orthotropic truncated conical shells**
Sofiyev A.
COMPOSITES PART B-ENGINEERING, vol.61, pp.324-339, 2014 (Journal Indexed in SCI)
- XXVIII. **Large-amplitude vibration of non-homogeneous orthotropic composite truncated conical shell**
Sofiyev A.
COMPOSITES PART B-ENGINEERING, vol.61, pp.365-374, 2014 (Journal Indexed in SCI)
- XXIX. **On the dynamic buckling of truncated conical shells with functionally graded coatings subject to a time dependent axial load in the large deformation**
Sofiyev A.
COMPOSITES PART B-ENGINEERING, vol.58, pp.524-533, 2014 (Journal Indexed in SCI)
- XXX. **The influence of non-homogeneity on the frequency-amplitude characteristics of laminated orthotropic truncated conical shell**
Sofiyev A.
COMPOSITE STRUCTURES, vol.107, pp.334-345, 2014 (Journal Indexed in SCI)
- XXXI. **The non-linear vibration of FGM truncated conical shells**
Sofiyev A.
COMPOSITE STRUCTURES, vol.94, pp.2237-2245, 2012 (Journal Indexed in SCI)
- XXXII. **THERMAL BUCKLING ANALYSIS OF NON-HOMOGENOUS SHALLOW SPHERICAL SHELLS**
Sofiyev A., Ozyigit P.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.27, pp.397-405, 2012 (Journal Indexed in SCI)
- XXXIII. **Thermal buckling of FGM shells resting on a two-parameter elastic foundation**
Sofiyev A.
THIN-WALLED STRUCTURES, vol.49, pp.1304-1311, 2011 (Journal Indexed in SCI)
- XXXIV. **Influence of the initial imperfection on the non-linear buckling response of FGM truncated conical shells**
Sofiyev A.
INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES, vol.53, pp.753-761, 2011 (Journal Indexed in SCI)
- XXXV. **Influences of elastic foundations and boundary conditions on the buckling of laminated shell**

structures subjected to combined loads

Sofiyev A.

COMPOSITE STRUCTURES, vol.93, pp.2126-2134, 2011 (Journal Indexed in SCI)

XXXVI. Non-linear buckling behavior of FGM truncated conical shells subjected to axial load

Sofiyev A.

INTERNATIONAL JOURNAL OF NON-LINEAR MECHANICS, vol.46, pp.711-719, 2011 (Journal Indexed in SCI)

XXXVII. On the vibration and stability of clamped FGM conical shells under external loads

Sofiyev A.

JOURNAL OF COMPOSITE MATERIALS, vol.45, pp.771-788, 2011 (Journal Indexed in SCI)

XXXVIII. Dynamic response of an FGM cylindrical shell under moving loads

Sofiyev A.

COMPOSITE STRUCTURES, vol.93, pp.58-66, 2010 (Journal Indexed in SCI)

XXXIX. Buckling analysis of FGM circular shells under combined loads and resting on the Pasternak type elastic foundation

Sofiyev A.

MECHANICS RESEARCH COMMUNICATIONS, vol.37, pp.539-544, 2010 (Journal Indexed in SCI)

XL. The buckling of FGM truncated conical shells subjected to combined axial tension and hydrostatic pressure

Sofiyev A.

COMPOSITE STRUCTURES, vol.92, pp.488-498, 2010 (Journal Indexed in SCI)

XLI. The vibration and stability behavior of freely supported FGM conical shells subjected to external pressure

Sofiyev A.

COMPOSITE STRUCTURES, vol.89, pp.356-366, 2009 (Journal Indexed in SCI)

XLII. Vibration and stability of composite cylindrical shells containing a FG layer subjected to various loads

Sofiyev A.

STRUCTURAL ENGINEERING AND MECHANICS, vol.27, pp.365-391, 2007 (Journal Indexed in SCI)

XLIII. The buckling of functionally graded truncated conical shells under dynamic axial loading

Sofiyev A.

JOURNAL OF SOUND AND VIBRATION, vol.305, pp.808-826, 2007 (Journal Indexed in SCI)

XLIV. Thermoelastic stability of functionally graded truncated conical shells

Sofiyev A.

COMPOSITE STRUCTURES, vol.77, pp.56-65, 2007 (Journal Indexed in SCI)

XLV. The vibration and stability of a three-layered conical shell containing an FGM layer subjected to axial compressive load

Sofiyev A., DENİZ A., Akcay I. H. , YUSUFOĞLU E.

ACTA MECHANICA, vol.183, pp.129-144, 2006 (Journal Indexed in SCI)

XLVI. The stability of compositionally graded ceramic-metal cylindrical shells under aperiodic axial impulsive loading

Sofiyev A.

COMPOSITE STRUCTURES, vol.69, pp.247-257, 2005 (Journal Indexed in SCI)

XLVII. The torsional buckling analysis for cylindrical shell with material non-homogeneity in thickness direction under impulsive loading

Sofiyev A.

STRUCTURAL ENGINEERING AND MECHANICS, vol.19, pp.231-236, 2005 (Journal Indexed in SCI)

XLVIII. The stability of functionally graded truncated conical shells subjected to aperiodic impulsive loading

Sofiyev A.

INTERNATIONAL JOURNAL OF SOLIDS AND STRUCTURES, vol.41, pp.3411-3424, 2004 (Journal Indexed in SCI)

XLIX. Effects of elastic foundation on the vibration of laminated non-homogeneous orthotropic circular cylindrical shells

SOFİYEV A., Keskin S. N. , SOFİYEV A.

SHOCK AND VIBRATION, vol.11, pp.89-101, 2004 (Journal Indexed in SCI)

- L. **Dynamic buckling of functionally graded cylindrical thin shells under non-periodic impulsive loading**
Sofiyev A.
ACTA MECHANICA, vol.165, pp.151-163, 2003 (Journal Indexed in SCI)
- LI. **Torsional buckling of cross-ply laminated orthotropic composite cylindrical shells subject to dynamic loading**
Sofiyev A.
European Journal of Mechanics, A/Solids, vol.22, pp.943-951, 2003 (Journal Indexed in SCI)
- LII. **The buckling of an orthotropic composite truncated conical shell with continuously varying thickness subject to a time dependent external pressure**
Sofiyev A.
Composites Part B: Engineering, vol.34, pp.227-233, 2003 (Journal Indexed in SCI)
- LIII. **The buckling of a cross-ply laminated non-homogeneous orthotropic composite cylindrical thin shell under time dependent external pressure**
Sofiyev A.
STRUCTURAL ENGINEERING AND MECHANICS, vol.14, pp.661-677, 2002 (Journal Indexed in SCI)
- LIV. **Dynamic buckling of a cylindrical shell with variable thickness subject to a time-dependent external pressure varying as a power function of time**
AKSOĞAN O., Sofiyev A.
JOURNAL OF SOUND AND VIBRATION, vol.254, pp.693-702, 2002 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Fonksiyonel Değişimli Ortotropik Plakların Dinamik Tepkisine Kayma Deformasyonu ve Dönel Eylemsizlik Etkilerinin İncelenmesi**
AVEY A., pınarlık m.
Fen Bilimleri Enstitüsü Dergisi, vol.20, pp.236-243, 2016 (National Refreed University Journal)
- II. **Fonksiyonel Değişimli Çekirdeğe Sahip Üç Tabakalı Silindirik Kabukların Parametrik Titreşimi**
AVEY A., Yıldız İ.
Fen Bilimleri Enstitüsü Dergisi, vol.19, pp.47-56, 2015 (National Refreed University Journal)
- III. **Fonksiyonel Değişimli Malzemelerle Kaplı Seramik Silindirik Panelin Titreşim Analizi**
AVEY A., MECİTOĞLU Z., ÖZYİĞİT P., TAŞKIN M., PINARLIK M., KAPLAN A. N.
SÜLEYMAN DEMİREL ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, vol.18, pp.117-122, 2014 (National Refreed University Journal)
- IV. **Fonksiyonel Değişimli Malzemelerle Kaplı Seramik Silindirik Panelin Titreşim Analizi**
AVEY A., MECİTOĞLU Z., ÖZYİĞİT P., TAŞKIN M., PINARLIK M., KAPLAN A. N.
SÜLEYMAN DEMİREL ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, vol.18, pp.117-122, 2014 (National Refreed University Journal)
- V. **Fonksiyonel değişimli malzemelerle kaplı seramik silindirik panelin titreşim analizi**
AVEY A., Mecitoğlu z., Özyiğit p., TAŞKIN M., PINARLIK M., KAPLAN N.
Fen Bilimleri Enstitüsü dergisi, vol.18, pp.117-122, 2014 (National Refreed University Journal)
- VI. **Torsional stability of cylindrical shells with functionally graded middle layer on the winkler elastic foundation**
AVEY A., ADIGÜZEL Ş.
Journal of Solid Mechanics, vol.3, pp.218-227, 2011 (Refereed Journals of Other Institutions)
- VII. **The buckling of non-homogeneous truncated conical shells under a lateral pressure and resting on a Winkler foundation**
AVEY A., Valiyev A., Özyiğit P.
Journal of Solid Mechanics, vol.1, pp.14-21, 2009 (Refereed Journals of Other Institutions)

- VIII. **The free vibration of non-homogeneous truncated conical shells on a Winkler foundation**
 AVEY A., AVCAR M., Özyiğit P., ADIGÜZEL Ş.
 International Journal of Engineering and Applied Sciences (IJEAS), vol.1, pp.34-41, 2009 (Refereed Journals of Other Institutions)
- IX. **The dynamic stability of cylindrical shell with variable geometric and mechanical parameters**
 AVEY A., birinci f., Sofuyev A., YUSUFOĞLU E.
 Multidiscipline Modeling in Materials and Structures, vol.2, pp.345-354, 2006 (Refereed Journals of Other Institutions)
- X. **The buckling of laminated cylindrical thin shells under torsion varying as a linear function of time**
 AVEY A., Zerin Z., Türkmen M.
 TURKISH JOURNAL OF ENGINEERING AND ENVIRONMENTAL SCIENCES, vol.27, pp.237-246, 2003 (Refereed Journals of Other Institutions)
- XI. **The dynamic stability of a non-homogeneous elastic cylindrical thin shell with variable thickness under a dynamic external pressure**
 AVEY A., Erdem H.
 TURKISH JOURNAL OF ENGINEERING AND ENVIRONMENTAL SCIENCES, vol.26, pp.155-165, 2002 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **ON THE SOLUTION OF THE STABILITY PROBLEM OF THREE-LAYERSYSTEMS WITH FUNCTIONALLY GRADED (FG) INTERLAYER IN THE INDUSTRIAL APPLICATIONS**
 AVEY A., Najafov A.
 The 6th International Conference on Control and Optimization with Industrial Applications, Baku, Azerbaijan, 11 - 13 July 2018, vol.1, pp.104-106
- II. **Vibration analysis of functionally graded orthotropic plates considering transverse shear deformations and rotary inertia**
 AVEY A., Mammadov z., Zerin Z., DENİZ A.
 Proceedings of International Scientific-Technical Conference "Intellectual Technologies in Mechanical Engineering, Baku, Azerbaijan, 28 - 30 September 2017, pp.325-329
- III. **Stability analysis of orthotropic conical shells resting on Winkler elastic foundation based on the FOSDST**
 AVEY A., NAJAFOV A.
 INTERNATIONAL SYMPOSIUM OF MECHANISM AND MACHINE SCIENCE (ISMMS-2017), Baku, Azerbaijan, 11 - 14 September 2017, pp.64-66
- IV. **On The Solution Of Eigenvalue Problem Of Complete Conical Shell With Functionally Graded Coatings And Metal-Rich Core**
 AVEY A., DENİZ A., MECİTOĞLU Z.
 International Conference on Mathematics and Mathematics Education (ICMME-2017), Urfa, Turkey, 11 - 13 May 2017, pp.565-566
- V. **BUCKLING ANALYSIS OF ORTHOTROPIC COMPLETE CONICAL SHELLS SUBJECTED TO LATERAL PRESSURE WITHIN SHEAR DEFORMATION THEORY**
 AVEY A., ZERİN Z., MAMMADOV Z., TURAN F., MECİTOĞLU Z., KHANALI S.
 2nd INTERNATIONAL CONFERENCE ON CIVIL AND ENVIRONMENTAL ENGINEERING, Nevşehir, Turkey, 8 - 10 May 2017, pp.398-403
- VI. **Vibration analysis of functionally graded orthotropic plates considering transverse shear deformations and rotary inertia**
 AVEY A., MAMMADOV Z., ZERİN Z., DENİZ A.
 International Scientific-Technical Conference "Intellectual Technologies in Mechanical Engineering", 28 - 30 September 2016

- VII. **Fonksiyonel Derecelendirilmiş Kaplamalar ile Kaplı Sandviç Silindirik Kabuğun Kayma Deformasyonlu Kabuk Teorisine Dayalı Stabilite Probleminin Çözümü.**
AVEY A., KAPLAN A. N.
IV. International Scientific Conference of Young Researchers, Baku, Azerbaijan, 29 - 30 April 2016
- VIII. **Kayma gerilmeleri içeren FDM çekirdeğe sahip sandviç silindirik kabukların aksenal basınç yükü etkisi altında stabilitesi**
AVEY A., DENİZ A., ÖZYİĞİT P., OSMANÇELEBİOĞLU E., KAPLAN A. N., Yılmaz D.
XIX. Ulusal Mekanik Kongresi, Trabzon, Turkey, 24 - 28 August 2015
- IX. **The stability analysis of FGM-Metal-FGM layered cylindrical shells under a lateral pressure**
AVEY A., Zerin Z., Deniz A., AVCAR M., ÖZYİĞİT P., TUĞLU M.
10th International Congress on Advances in Civil Engineering, Ankara, Turkey, 17 - 19 October 2014, pp.1-9
- X. **Vibration Analysis of Ceramic Cylindrical Panels coated with Functional Gradient Materials**
AVEY A., MECİTOĞLU Z., ÖZYİĞİT P., TAŞKIN M., PINARLIK M., KAPLAN A. N.
VII. Internationally Participated National Biomechanics Congress, Isparta, Turkey, 16 - 18 October 2014, pp.153-154
- XI. **On the vibration of sandwich cylindrical shells with FGM face sheets on elastic foundations.**
AVEY A., Deniz A., AVCAR M., ÖZYİĞİT P., Tuğlu M.
International Symposium on Advances in Applied Mechanics and Modern Information Technology, Baku, Azerbaijan, 22 - 23 September 2014, pp.310-314
- XII. **Süpersonik Gaz Akımında Fonksiyonel Değişimli Malzeme İle Kaplı Silindirik Panelin Stabilitesi**
AVEY A., TAŞKIN M., ŞAYEV Z. Ş., KAPLAN A. N.
V. Ulusal Havacılık ve Uzay Konferansı, Kayseri, Turkey, 8 - 10 September 2014
- XIII. **Effect of winkler foundation on the buckling behavior of shear deformable fgm orthotropic cylindrical shells**
AVEY A., Hui D., Najafov A., Yuan G., Li Z., Schnack E.
22st Annual International Conference on Composites or Nano Engineering, Malta, Malta, 13 - 19 July 2014, pp.1-2
- XIV. **Fonksiyonel Değişimli Malzemelerle Kaplanmış Metal Silindirik Kabukların Serbest Titreşimi**
AVEY A., BESTELCİ U., AVCAR M., ÖZYİĞİT P.
XVIII. Ulusal Mekanik Kongresi, Manisa, Turkey, 26 - 30 August 2013, pp.82-93
- XV. **The Stability of Cylindrical Shells With Exponentially Graded Coatings Subjected to Lateral Pressure**
AVEY A., DENİZ A., ÖZYİĞİT P., OSMANÇELEBİOĞLU E., PINARLIK M., TAŞKIN M., KAPLAN A. N.
International Civil Engineering & Architecture Symposium for Academicians, Antalya, Turkey, 17 - 20 May 2014, pp.98-105
- XVI. **On the stability of the orthotropic shells under hydrostatic pressure and surrounded by an elastic medium.**
AVEY A., Valiyev A., Mammadov Z., Shayev Z.
International Symposium on Advances in Applied Mechanics and Modern Information Technology, Baku, Azerbaijan, 22 - 23 September 2011, pp.305-309
- XVII. **The Free vibration of symmetrically laminated conical shells with freely supported edges**
AVEY A., Schnack E., Deniz A., Deniz A., AVCAR M.
International Symposium of Mechanism and Machine Theory, İzmir, Turkey, 5 - 09 October 2010, pp.372-379
- XVIII. **Elastik Zemin Üzerinde Bulunan Fonksiyonel Değişimli Tabaka İçeren Katmanlı Silindirik Kabukların Uniform Yanal Basınç Yükü Etkisi Altında Burkulması**
AVEY A., AVCAR M., ÖZYİĞİT P., ADIGÜZEL Ş.
XVI. Ulusal Mekanik Kongre, Kayseri, Kayseri, Turkey, 22 - 26 June 2009, vol.2, pp.259-268
- XIX. **The vibration analysis of random and continuously non-homogenous beams with clamped edges and resting on an elastic foundation**
AVEY A., AVCAR M., Zerin Z.
International Symposium on Engineering and Architectural Sciences of Balkan Architectural Sciences of Balkan, Caucasus and Turkic Republics, Isparta, Turkey, 22 - 24 October 2009, pp.155-159
- XX. **The stability of orthotropic conical shells subjected to combined axial extension load and**

hydrostatic pressure

AVEY A., Valiyev A.

International Symposium on Engineering and Architectural Sciences of Balkan, Isparta, Turkey, 22 - 24 October 2009, pp.149-154

- XXI. **The Vibration of Freely Supported FG Shell Structures**
AVEY A., AVCAR M., MAMMADOV Z., AY Z., ÖZYİĞİT P.
First International Conference on Seismic safety of Caucasus Region Population, Cities and Settlements, Tiflis, Georgia, 8 - 11 September 2008, pp.174-176
- XXII. **Elastik Zemin Üzerinde Bulunan Bir Tarafı Ankastre Mesnetli Diğer Tarafı Serbest Homojen Olmayan Kirişin Serbest Titreşimi**
AVEY A., AVCAR M.
XV. Ulusal Mekanik Kongresi, Isparta, Turkey, 3 - 07 September 2007, pp.157-166
- XXIII. **Homojen Olmayan Kirişin Eksenel Basınç Yükü Altında Stabilitesi**
AVEY A., AVCAR M.
15. Yıl Mühendislik -Mimarlık Sempozyumu, Isparta, Turkey, 14 - 16 November 2007, vol.3, pp.15-23
- XXIV. **The stability of cylindrical shells of variable thickness subject to a dynamic lateral pressure**
AVEY A., Pirmemmedov İ., AY Z., Zerin Z., AVCAR M.
International Symposium on Advances in Earthquake & Structural Engineering,, Antalya, Turkey, 24 - 26 October 2007, pp.406-413
- XXV. **Analytical solution of the stability problem of orthotropic cylindrical shells under linearly increasing dynamic axial loading with various initial conditions**
AVEY A., Veysov İ., AVCAR M., Zerin Z.
4th FAE Int. Symposium "Creating The Future", Lefkoşa, Cyprus (Kkct), 30 November - 01 December 2006, pp.111-115
- XXVI. **The Stability of a Three Layered Composite Conical Shell Containing a FGM Layer Subjected to External Pressure**
AVEY A., AKSOĞAN O., SCHNACK E., AVCAR M.
International Workshop "Research In Mechanics of Composites 2006", Bad Herrenalb, Germany, 26 - 29 November 2006, pp.42
- XXVII. **Vibration and stability of three-layered cylindrical shells containing Si₃Ni₄/SUS304 FG layer under lateral pressure**
AVEY A., Valiyev A., Deniz A., AVCAR M.
7th International Congress on Advances in Civil Engineering, İstanbul, Turkey, 11 - 13 October 2006, pp.1-9
- XXVIII. **Dynamic buckling of elasto-plastic cylindrical shells under axial load**
AVEY A., Schnack E.
7th International Conference on Vibration Problems (ICOVP-2005), İstanbul, Turkey, 5 - 09 September 2005, pp.443-448
- XXIX. **Dynamic stability of functionally graded shells under axial load**
AVEY A., Sofuyev A., Deniz A.
3th FAE Int. Symposium "Creating The Future", Lefkoşa, Cyprus (Kkct), 25 - 26 November 2004, pp.173-178
- XXX. **The stability of an orthotropic conical shell with variable elasticity moduli under an impulsive load**
AVEY A., AY Z., Birinci F.
2th FAE Int. Symposium Creating The Future,, Lefkoşa, Cyprus (Kkct), 6 - 08 November 2002, pp.231-236
- XXXI. **The buckling of an orthotropic composite cylindrical thin shell under time dependent torsion**
AVEY A., Deniz A., Sofuyev A.
2th FAE Int. Symposium "Creating The Future", Lefkoşa, Cyprus (Kkct), 6 - 08 November 2002, pp.237-241
- XXXII. **The dynamic buckling of orthotropic cylindrical thin shells with exponential variable elasticity moduli density and thickness**
AVEY A., Birinci F.
5th Int. Conf. Developments on Civil Engineering, İstanbul, Turkey, 25 - 27 September 2002, pp.93-102
- XXXIII. **The dynamic stability of a truncated conical shell with variable thickness subject to a time dependent**

external pressure.

AVEY A., Aksoğan o.

5th Int. Conf. On Vibration Problems, Moscow, Russia, 8 - 10 October 2001, pp.438-447

XXXIV. **The dynamic stability of a laminated non-homogeneous elastic cylindrical shell**

Aksoğan o., AVEY A., Zerin Z.

Int. Conf. on Steel Structures of the 2000' s, İstanbul, Turkey, 11 - 13 September 2000, pp.221-226

XXXV. **The dynamic stability of a laminated non-homogeneous orthotropic elastic cylindrical shell under a time dependent external pressure**

Aksoğan o., AVEY A., Zerin Z.

Int. Conf. on Modern Practice in Stress and Vibration Analysis, Nottingham, United Kingdom, 5 - 07 September 2000, pp.349-360

XXXVI. **The stability of non-homogeneous elastic plates in a supersonic flow. Proc. Scientific Conference on Mathematics and Mechanics**

AVEY A.

80. Anniversary Remembrance for Prof. K.A. Kerimov), Azerbaijan Scientific Academy Mathematics and Mechanics Institute (MME), Baku, Azerbaijan, 17 - 19 March 1993, pp.24-27

XXXVII. **The stability of non-homogeneous elastic ring**

AVEY A.

IX. Republic Scientific Conference, Baku, Azerbaijan, 8 - 12 October 1987, pp.13-15

Supported Projects

AVEY A., Other Supported Projects, Kayma Deformasyonlu Kabuk Teorisi (KDKT) Kullanarak Fonksiyonel Değişimli Malzemelerle (FDM'ler) Kaplı Sandviç Kabukların Hidrostatik Dış Basınç Yükü Etkisi Altında Stabilitate Ve Serbest Titreşim Davranışlarının İncelenmesi, 2014 - 2017

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Activities in Scientific Journals

Composites Part B Engineering, Committee Member, 2013 - Continues

Citations

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h-index (WOS):24