

## Prof.Dr. Abdullah AVEY

### Kişisel Bilgiler

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### Eğitim Bilgileri

Doktora, Azerbaycan Teknik Üniversitesi, Sscb En Yüksek Tasnif Komisyonu, Teorik Mekanik, Azerbaycan 1985 - 1989

### Yabancı Diller

İngilizce, B1 Orta

Almanca, B1 Orta

Rusça, B2 Orta Üstü

### Yaptığı Tezler

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

### Araştırma Alanları

Katı Cisimler Mekaniği, İnşaat Mühendisliği, Mekanik, Mühendislik ve Teknoloji

### Akademik Unvanlar / Görevler

Prof.Dr., Süleyman Demirel Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2005 - Devam Ediyor

### Mesleki Deneyim

Anabilim/Bilim Dalı Başkanı, Süleyman Demirel Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2005 - 2018

### Yönetilen Tezler

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- II. **Asymptotic analysis of three-dimensional problem of elasticity theory for radially inhomogeneous transversally-isotropic thin hollow spheres**  
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- III. **Review of research on the vibration and buckling of the FGM conical shells**  
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- VI. **About an approach to the determination of the critical time of viscoelastic functionally graded cylindrical shells**  
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- VII. **On the solution of the dynamic stability of heterogeneous orthotropic visco-elastic cylindrical shells**  
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- X. **Free bending vibration analysis of thin bidirectionally exponentially graded orthotropic rectangular plates resting on two-parameter elastic foundations**  
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- XV. **Thermoelastic stability of freely supported functionally graded conical shells within the shear deformation theory**  
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- XVI. **Large amplitude vibration of FGM orthotropic cylindrical shells interacting with the nonlinear Winkler elastic foundation**  
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COMPOSITE STRUCTURES, cilt.142, ss.35-44, 2016 (SCI İndekslerine Giren Dergi)
- XVIII. **Parametric vibration of FGM conical shells under periodic lateral pressure within the shear deformation theory**  
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- XXIII. **Influences of shear stresses on the dynamic instability of exponentially graded sandwich cylindrical shells**  
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- XXV. **On the buckling of composite conical shells resting on the Winkler-Pasternak elastic foundations under combined axial compression and external pressure**  
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- XLIII. **The buckling of functionally graded truncated conical shells under dynamic axial loading**  
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- XLVII. **The torsional buckling analysis for cylindrical shell with material non-homogeneity in thickness direction under impulsive loading**  
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## **Diğer Dergilerde Yayınlanan Makaleler**

- I. **Fonksiyonel Değişimli Ortotropik Plakların Dinamik Tepkisine Kayma Deformasyonu ve Dönel Eylemsizlik Etkilerinin İncelenmesi**  
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- II. **Fonksiyonel Değişimli Çekirdeğe Sahip Üç Tabakalı Silindirik Kabukların Parametrik Titreşimi**  
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- III. **Fonksiyonel Değişimli Malzemelerle Kaplı Seramik Silindirik Panelin Titreşim Analizi**  
AVEY A., MECİTOĞLU Z., ÖZYİĞİT P., TAŞKIN M., PINARLIK M., KAPLAN A. N.  
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- IV. **Fonksiyonel Değişimli Malzemelerle Kaplı Seramik Silindirik Panelin Titreşim Analizi**  
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- VI. **Torsional stability of cylindrical shells with functionally graded middle layer on the winkler elastic foundation**  
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X. **The buckling of laminated cylindrical thin shells under torsion varying as a linear function of time**

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XI. **The dynamic stability of a non-homogeneous elastic cylindrical thin shell with variable thickness under a dynamic external pressure**

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## **Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar**

I. **ON THE SOLUTION OF THE STABILITY PROBLEM OF THREE-LAYERSYSTEMS WITH FUNCTIONALLY GRADED (FG) INTERLAYER IN THE INDUSTRIAL APPLICATIONS**

AVEY A., Najafov A.

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II. **Vibration analysis of functionally graded orthotropic plates considering transverse shear deformations and rotary inertia**

AVEY A., Mammadov z., Zerin Z., DENİZ A.

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III. **Stability analysis of orthotropic conical shells resting on Winkler elastic foundation based on the FOSDST**

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INTERNATIONAL SYMPOSIUM OF MECHANISM AND MACHINE SCIENCE (ISMMS-2017), Baku, Azerbaijan, 11 - 14 Eylül 2017, ss.64-66

IV. **On The Solution Of Eigenvalue Problem Of Complete Conical Shell With Functionally Graded Coatings And Metal-Rich Core**

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International Conference on Mathematics and Mathematics Education (ICMME-2017), Urfa, Türkiye, 11 - 13 Mayıs 2017, ss.565-566

V. **BUCKLING ANALYSIS OF ORTHOTROPIC COMPLETE CONICAL SHELLS SUBJECTED TO LATERAL PRESSURE WITHIN SHEAR DEFORMATION THEORY**

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2nd INTERNATIONAL CONFERENCE ON CIVIL AND ENVIRONMENTAL ENGINEERING, Nevşehir, Türkiye, 8 - 10 Mayıs 2017, ss.398-403

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International Scientific-Technical Conference "Intellectual Technologies in Mechanical Engineering", 28 - 30 Eylül

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