Prof. SURKHAY AKBAROV

Personal Information

Email: akbarov@yildiz.edu.tr
Web: https://avesis.yildiz.edu.tr/akbarov

Foreign Languages

English, C1 Advanced
Russian, C1 Advanced

Research Areas

Mechanics of Solid Bodies, Civil Engineering, Mechanical, Structural Mechanics, Mechanical Engineering, Machine Theory and Dynamics, Mechanical Vibrations, Mechanical, Fracture Mechanics, Finite Element Methods, Continuous Mechanics, Mathematics, Partial Differential Equations, Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Professor, Yıldız Teknik Üniversitesi, Makina, Makina Mühendisliği, 1993 - Continues

Courses

ELASTİSİTE TEORİSİNİNE GİRİŞ, Doctorate, 2016 - 2017
MÜHENDİSLİK MATEMATİĞİ, Post Graduate, 2016 - 2017
PLAK TİTREŞİMLERİNİN ANALİZİNDE NÜMERİK VE YAKLAŞIK YÖNTEMLER, Doctorate, 2016 - 2017

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

- Dispersion of axisymmetric longitudinal waves in a "hollow cylinder plus surrounding medium" system with inhomogeneous initial stresses
  
  Akbarov S. D., Bagirova E. T.
  
  STRUCTURAL ENGINEERING AND MECHANICS, vol.72, pp.597-615, 2019 (Journal Indexed in SCI)

- Influence of prestress on the natural frequency of a fluid-filled FGM sphere
  
  Akbarov S., Çilli A., Yahnioğlu N.
  
  EMERGING MATERIALS RESEARCH, vol.8, pp.663-667, 2019 (Journal Indexed in SCI)

- On attenuation of the seismic Rayleigh waves propagating in an elastic crustal layer over viscoelastic mantle
  
  Negin M., AKBAROV S.
  
  JOURNAL OF EARTH SYSTEM SCIENCE, vol.128, 2019 (Journal Indexed in SCI)

- 3D Dynamics of the Oscillating-Moving Load Acting in the Interior of the Hollow Cylinder Surrounded with Elastic Medium
  
  Akbarov S., Mehdiyev M. A.
  
  STRUCTURAL ENGINEERING AND MECHANICS, vol.71, pp.713-738, 2019 (Journal Indexed in SCI)

- The influence of the rheological parameters on the dispersion of the flexural waves in a viscoelastic bi-layered hollow cylinder
  
  Kocal T., AKBAROV S.
  
  STRUCTURAL ENGINEERING AND MECHANICS, vol.71, pp.577-601, 2019 (Journal Indexed in SCI)

- Axisymmetric longitudinal wave dispersion in a bi-layered circular cylinder with inhomogeneous initial
stresses
Akbarov S., Bagirov E. T.

- Forced Vibration of the Non-Homogeneously Pre-Stressed System Consisting of the Hollow Cylinder and Surrounding Medium
Akbarov S., Bagirov E. T.
CMES-COMPUTER MODELING IN ENGINEERING & SCIENCES, vol.121, pp.315-348, 2019 (Journal Indexed in SCI)

- Dynamics of the Moving Ring Load Acting in the System "Hollow Cylinder plus Surrounding Medium" with Inhomogeneous Initial Stresses
Akbarov S. D., Bagirov E. T., ÖZIŞIK M.
CMC-COMPUTERS MATERIALS & CONTINUA, vol.61, pp.503-534, 2019 (Journal Indexed in SCI)

- Buckling delamination of a PZT/Metal/PZT sandwich rectangular thick plate containing interface inner band cracks
Aylıkcı F., Akbarov S., Yahnıoglu N.
COMPOSITE STRUCTURES, vol.202, pp.9-16, 2018 (Journal Indexed in SCI)

Akbarov A.
Applied And Computational Mathematics, vol.17, pp.221-245, 2018 (Journal Indexed in SCI)

- 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, pp.259-276, 2018 (Journal Indexed in SCI)

- Three-dimensional dynamics of the moving load acting on the interior of the hollow cylinder surrounded by the elastic medium
AKBAROV S., MEHDIYEV M. A., OZISIK M.
STRUCTURAL ENGINEERING AND MECHANICS, vol.67, pp.185-206, 2018 (Journal Indexed in SCI)

- The Influence of the Viscoelasticity on the Axisymmetric Wave Attenuation in a bi-Material Solid Cylinder KOÇAL T., AKBAROV S.

- 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, pp.359-380, 2018 (Journal Indexed in SCI)

- Influence of initial stresses on the critical velocity of the moving load acting in the interior of the hollow cylinder surrounded by an infinite elastic medium
AKBAROV S., MEHDIYEV M. A.
STRUCTURAL ENGINEERING AND MECHANICS, vol.66, pp.45-59, 2018 (Journal Indexed in SCI)

- The influence of the rheological parameters of a hydro-viscoelastic system consisting of a viscoelastic plate, viscous fluid and rigid wall on the frequency response of this system
AKBAROV S., ISMAILOV M. I.
JOURNAL OF VIBRATION AND CONTROL, vol.24, pp.1341-1363, 2018 (Journal Indexed in SCI)

- THE EFFECT OF VISCOSITY OF A FLUID ON THE FREQUENCY RESPONSE OF A VISCOELASTIC PLATE LOADED BY THIS FLUID
Zamanov A. D., Ismailov M. I., Akbarov S.
MECHANICS OF COMPOSITE MATERIALS, vol.54, pp.41-52, 2018 (Journal Indexed in SCI)

- The Influence of the Imperfection of Contact Conditions on the Critical Velocity of the Moving Load Acting in the Interior of the Cylinder Surrounded with Elastic Medium
ÖZIŞIK M., MEHDIYEV M. A., Akbarov S.
CMC-COMPUTERS MATERIALS & CONTINUA, vol.54, pp.103-136, 2018 (Journal Indexed in SCI)

- The Interface Stress Field in the Elastic System Consisting of the Hollow Cylinder and Surrounding Elastic Medium Under 3D Non-Axisymmetric Forced Vibration
AKBAROV S., Mehdiyev M. A.
CMC-COMPUTERS MATERIALS & CONTINUA, vol.54, pp.61-81, 2018 (Journal Indexed in SCI)
• Calculation and 3D analyses of ERR in the band crack front contained in a rectangular plate made of multilayered material
DINCEL A. T., AKBAROV S.
OPEN CHEMISTRY, vol.16, pp.516-519, 2018 (Journal Indexed in SCI)
• Generalized Rayleigh Wave Dispersion in a Covered Half-space Made of Viscoelastic Materials
AKBAROV S., Negin M.
• The forced vibration of the system consisting of an elastic plate, compressible viscous fluid and rigid wall
AKBAROV S., ISMAILOV M. I.
JOURNAL OF VIBRATION AND CONTROL, vol.23, pp.1809-1827, 2017 (Journal Indexed in SCI)
• Forced vibration of the elastic system consisting of the hollow cylinder and surrounding elastic medium under perfect and imperfect contact
AKBAROV S., Mehdiyev M. A.
Structural Engineering and Mechanics, vol.62, pp.113-123, 2017 (Journal Indexed in SCI)
• 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, pp.563-576, 2017 (Journal Indexed in SCI)
• 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, pp.163-179, 2017 (Journal Indexed in SCI)
• On the attenuation of the axisymmetric longitudinal waves propagating in the bi-layered hollow cylinder made of viscoelastic materials
Kocal T., AKBAROV S.
STRUCTURAL ENGINEERING AND MECHANICS, vol.61, pp.143-160, 2017 (Journal Indexed in SCI)
• Mathematical modelling and 3D FEM analysis of the influence of initial stresses on the ERR in a band crack's front in the rectangular orthotropic thick plate
Dincel A., AKBAROV S.
• Near-surface waves in a system consisting of a covering layer and a half-space with imperfect interface under two-axial initial stresses
AKBAROV S., Negin M.
• On the dispersion of the axisymmetric longitudinal wave propagating in a bi-layered hollow cylinder made of viscoelastic materials
AKBAROV S., Kocal T., KEPCELER T.
• Dynamics of the oscillating moving load acting on the hydro-elastic system consisting of the elastic plate, compressible viscous fluid and rigid wall
AKBAROV S., ISMAILOV M. I.
• 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 (Journal Indexed in SCI)
• INFLUENCE OF THE INTERACTION BETWEEN FIBERS PERIODICALLY LOCATED IN A COMPOSITE MATERIAL ON THE DISTRIBUTION OF STRESSES IN IT
Akbarov S., Köşker R., Uçan Y.
**MECHANICS OF COMPOSITE MATERIALS**, vol.52, pp.243-256, 2016 (Journal Indexed in SCI)

- The influence of the initial stresses on Lamb wave dispersion in pre-stressed PZT/Metal/PZT sandwich plates
  Kurt İ., Akbarov S., Sezer S.

**STRUCTURAL ENGINEERING AND MECHANICS**, vol.58, pp.347-378, 2016 (Journal Indexed in SCI)

- Natural vibration of the three-layered solid sphere with middle layer made of FGM: three-dimensional approach
  AKBAROV S., Guliyev H. H., YAHNİOĞLU N.

**MECHANICS OF COMPOSITE MATERIALS**, vol.51, pp.427-436, 2015 (Journal Indexed in SCI)

  AKBAROV S., PANAKHH P. G.


- On the torsional wave dispersion in a hollow sandwich circular cylinder made from viscoelastic materials
  AKBAROV S., KEPCELER T.

**APPLIED AND COMPUTATIONAL MATHEMATICS**, vol.15, pp.172-188, 2016 (Journal Indexed in SCI)

- Time-Harmonic Lamb Problem for a System Consisting of a Prestressed Piezoelectric Covering Layer and a Prestressed Half-Plane
  Akbarov S., İlhan N., Koç N.

**MECHANICS OF COMPOSITE MATERIALS**, vol.51, pp.427-436, 2015 (Journal Indexed in SCI)

  AKBAROV S., PANAKHH P. G.


- Influence of an Imperfection of Interfacial Contact on the Dispersion of Flexural Waves in a Compound Cylinder
  Akbarov S., İpek C.

**MECHANICS OF COMPOSITE MATERIALS**, vol.51, pp.191-198, 2015 (Journal Indexed in SCI)

- 3D dynamics of a prestressed stratified half-space under the action of an oscillating moving load
  AKBAROV S., ILHAN N., Temugan A.

**APPLIED MATHEMATICAL MODELLING**, vol.39, pp.1-18, 2015 (Journal Indexed in SCI)

- Dynamics of the moving load acting on the hydro-elastic system consisting of the elastic plate, compressible viscous fluid and rigid wall
  AKBAROV S., Ismailov M.

Computers, Materials and Continua, vol.45, pp.75-105, 2015 (Journal Indexed in SCI)

- Generalized Rayleigh Wave Dispersion Analysis in a Pre-stressed Elastic Stratified Half-space with Imperfectly Bonded Interfaces
  Negin M., AKBAROV S., Erguven E.

**CMC-COMPUTERS MATERIALS & CONTINUA**, vol.42, pp.25-61, 2014 (Journal Indexed in SCI)

- Time-Harmonic Lamb Problem for a System Consisting of an Imperfectly Bonded Orthotropic Covering Layer and an Orthotropic Half-Plane
Akbarov S., ILHAN N.
MECHANICS OF COMPOSITE MATERIALS, vol.50, pp.177-186, 2014 (Journal Indexed in SCI)

- Axisymmetric time-harmonic Lamb's problem for a system comprising a viscoelastic layer covering a viscoelastic half-space
  Akbarov S.

- Forced Vibrations of a System Consisting of a Pre-strained Highly Elastic Plate under Compressible Viscous Fluid Loading
  AKBAROV S., ISMAILOV M. I.
  CMES-COMPUTER MODELING IN ENGINEERING & SCIENCES, vol.97, pp.359-390, 2014 (Journal Indexed in SCI)

- Flexural Wave Dispersion in Bi-material Compound Solid and Hollow Circular Cylinders
  AKBAROV S.

- A 3D FEM Analysis of Buckling Delamination of a Rectangular Plate with an Inner Rectangular Crack under a Biaxial Compressive Force
  AKBAROV S., YAHNIÇOĞLU N., KARATAŞ E. E.

- Buckling Delamination of a Rectangular Viscoelastic Sandwich Plate Containing Interface Inner Cracks
  AKBAROV S., YAHNIÇOĞLU N., TEKIN A.

- Buckling delamination of a rectangular sandwich plate containing inner cracks under biaxial loading
  AKBAROV S., YAHNIÇOĞLU N., Tekin A.

- Time-harmonic Lamb's problem for a system comprising a piezoelectric layer and piezoelectric half-plane
  AKBAROV S., ILHAN N.

- On the Axisymmetric Time-harmonic Lamb's Problem for a System Comprising a Half-space and a Covering Layer with Finite Initial Strains
  AKBAROV S.
  CMES-COMPUTER MODELING IN ENGINEERING & SCIENCES, vol.95, pp.143-175, 2013 (Journal Indexed in SCI)

- Buckling delamination of a sandwich plate-strip with piezoelectric face and elastic core layers
  AKBAROV S., YAHNIÇOĞLU N.
  APPLIED MATHEMATICAL MODELLING, vol.37, pp.8029-8038, 2013 (Journal Indexed in SCI)

- Microbuckling of a doublewalled carbon nanotube embedded in an elastic matrix
  AKBAROV S.
  INTERNATIONAL JOURNAL OF SOLIDS AND STRUCTURES, vol.50, pp.2584-2596, 2013 (Journal Indexed in SCI)

- Forced Vibration of the Pre-Stressed and Imperfectly Bonded Bi-Layered Plate Strip Resting on a Rigid Foundation
  AKBAROV S., HAZAR E., ERÖZ M.

- On the influence of initial strains in layers on the propagation of torsional waves in a hollow sandwich cylinder (soft core and stiff face layers)
  Akbarov S., KEPECİLER T., Egitmez M. M.
  MECHANICS OF COMPOSITE MATERIALS, vol.49, pp.297-304, 2013 (Journal Indexed in SCI)

- Flexural wave dispersion in finitely pre-strained solid and hollow circular cylinders made of compressible materials
  AKBAROV S.
  CMES-COMPUTER MODELING IN ENGINEERING & SCIENCES, vol.92, pp.387-421, 2013 (Journal Indexed in SCI)
- Buckling delamination of elastic and viscoelastic composite plates with cracks: Survey II (Axisymmetric and 3D problems)
  Akbarov S.

- Buckling delamination of elastic and viscoelastic composite plates with cracks. Survey I: solution method and problems related to the plane strain state
  AKBAROV S.

- On Axisymmetric Longitudinal Wave Propagation in Double-Walled Carbon Nanotubes
  AKBAROV S.

- A 3D FEM analysis of stress concentrations around two neighboring cylindrical holes in a prestressed rectangular composite plate under bending
  AKBAROV S., YAHNİOĞLU N., YEŞİL Ü.

- The Influence of Third Order Elastic Constants on Axisymmetric Wave Propagation Velocity in the Two-Layered Pre-Stressed Hollow Cylinder
  AKBAROV S.
  CMC-COMPUTERS MATERIALS & CONTINUA, vol.32, pp.29-60, 2012 (Journal Indexed in SCI)

- 3D Analyses of the symmetric local stability loss of the circular hollow cylinder made from viscoelastic composite material
  AKBAROV S.; Karakaya S.
  Applied Mathematical Modelling, vol.36, pp.4241-4260, 2012 (Journal Indexed in SCI)

- Dispersion of Axisymmetric Longitudinal Waves in a Pre-Strained Imperfectly Bonded Bi-Layered Hollow Cylinder
  AKBAROV S., İpek C.

- On the Some Particularities of the Torsional Wave Dispersion in a Finitely Pre-Deformed Hollow Sandwich Cylinder
  AKBAROV S., KEPCELER T., EGILMEZ M. M.

- 3D FEM Analysis of the Buckling Delamination of a Rectangular Viscoelastic Composite Plate with an Embedded Rectangular Crack Under Two-Axial Compression
  AKBAROV S., YAHNİOĞLU N., KARATAŞ E. E.
  CMC-COMPUTERS MATERIALS & CONTINUA, vol.30, pp.1-18, 2012 (Journal Indexed in SCI)

- 3D analyses of the global stability loss of the circular hollow cylinder made from viscoelastic composite material
  AKBAROV S., KARAKAYA S.

- Local Buckling Delamination of a Rectangular Sandwich Plate Containing Interface Embedded Rectangular Cracks and Made From Elastic and Viscoelastic Materials
  Akbarov S., YAHNİOĞLU N., Tekin A.
  CMC-COMPUTERS MATERIALS & CONTINUA, vol.29, pp.41-74, 2012 (Journal Indexed in SCI)

- 3D Analysis of the Forced Vibration of a Prestressed Rectangular Composite Plate with Two Neighboring Cylindrical Cavities
  SURKHAY A., YAHNİOĞLU N., YEŞİL Ü.
  Computers Materials and Continua, vol.28, pp.147-164, 2012 (Journal Indexed in SCI Expanded)

- 3D Analysis of the Forced Vibration of a Prestressed Rectangular Composite Plate With Two Neighboring Cylindrical Cavities
  AKBAROV S., YAHNİOĞLU N., YEŞİL Ü.
  CMC-COMPUTERS MATERIALS & CONTINUA, vol.28, pp.147-164, 2012 (Journal Indexed in SCI)

- Torsional Wave Propagation in the Finitely Pre-Stretched Hollow Bi-Material Compound Circular Cylinder
- Akbarov S., Kepceler T., Egilmez M. M., Dikmen F.
  CMC-COMPUTERS MATERIALS & CONTINUA, vol.26, pp.91-109, 2011 (Journal Indexed in SCI)
  - On the Energy Release Rate at the Crack Tips in a Finite Pre-Strained Strip
  Akbarov S., Turan A.
  - Torsional wave dispersion in a finitely pre-strained hollow sandwich circular cylinder
  Akbarov S., Kepceler T., Egilmez M. M.
  - ANALYSIS OF STRESSES IN AN INFINITE ELASTIC BODY WITH A LOCALLY CURVED COVERED NANOFIBER
  Alan K. S., Akbarov S.
  MECHANICS OF COMPOSITE MATERIALS, vol.47, pp.343-358, 2011 (Journal Indexed in SCI)
  - Wave propagation in a pre-strained compressible elastic sandwich plate
  Akbarov S., Agasiev E. R., Zamanov A. D.
  - Dispersion relations of axisymmetric wave propagation in initially twisted bi-material compounded cylinders
  Akbarov S., Guliev M. S., Kepceler T.
  - 3D Analyses of the Stability Loss of the Circular Solid Cylinder Made from Viscoelastic Composite Material
  Akbarov S., Karakaya S.
  - Stability loss of the micro-fiber in the elastic and viscoelastic matrix near the free convex cylindrical surface
  Akbarov S., Mamedov A. R.
  - Stress Distribution in an Infinite Body Containing Two Neighboring Locally Curved Nanofibers
  Akbarov S., Köşker R., Cinar N. T.
  CMC-COMPUTERS MATERIALS & CONTINUA, vol.21, pp.119-146, 2011 (Journal Indexed in SCI)
  - FEM modelling of the time-harmonic dynamical stress field problem for a pre-stressed plate-strip resting on a rigid foundation
  Akbarov S., Yildiz A., Eroz M.
  APPLIED MATHEMATICAL MODELLING, vol.35, pp.952-964, 2011 (Journal Indexed in SCI)
  - Forced vibration of the pre-stressed bi-layered plate-strip with finite length resting on a rigid foundation
  Akbarov S., Yildiz A., Eroz M.
  APPLIED MATHEMATICAL MODELLING, vol.35, pp.250-256, 2011 (Journal Indexed in SCI)
  - PROPAGATION OF AXISYMMETRIC WAVES IN AN INITIALLY TWISTED CIRCULAR COMPOUND BIMATERIAL CYLINDER WITH A SOFT INNER AND A STIFF OUTER CONSTITUENTS
  Akbarov S., Guliev M. S., Kepceler T.
  MECHANICS OF COMPOSITE MATERIALS, vol.46, pp.627-638, 2011 (Journal Indexed in SCI)
  - Buckling delamination of a rectangular plate containing a rectangular crack and made from elastic and viscoelastic composite materials
  Akbarov S., Yahnioglu N., Karataş E. E.
  - The Influence of the Imperfectness of the Interface Conditions on the Dispersion of the Axisymmetric Longitudinal Waves in the Pre-Strained Compound Cylinder
  Akbarov S., İpek C.
  CMES-COMPUTER MODELING IN ENGINEERING & SCIENCES, vol.70, pp.93-121, 2010 (Journal Indexed in SCI)
  - DELAMINATION BUCKLING OF A RECTANGULAR ORTHOTROPIC COMPOSITE PLATE CONTAINING A BAND CRACK
AKBAROV S., YAHNİOĞLU N.
MECHANICS OF COMPOSITE MATERIALS, vol.46, pp.493-504, 2010 (Journal Indexed in SCI)

- STRESS DISTRIBUTION CAUSED BY TWO NEIGHBORING OUT-OF-PLANE LOCALLY COPHASALLY CURVED FIBERS IN A COMPOSITE MATERIAL
  Cinar N. T., KÖŞKER R., Akbarov S., Akat E.
  MECHANICS OF COMPOSITE MATERIALS, vol.46, pp.555-572, 2010 (Journal Indexed in SCI)

- Time-harmonic dynamical stress field in a system comprising a pre-stressed orthotropic layer and pre-stressed orthotropic half-plane
  Akbarov S., ILHAN N.
  ARCHIVE OF APPLIED MECHANICS, vol.80, pp.1271-1286, 2010 (Journal Indexed in SCI)

- FORCED VIBRATION OF AN INITIALLY STRESSED THICK RECTANGULAR PLATE MADE OF AN ORTHOTROPIC MATERIAL WITH A CYLINDRICAL HOLE
  Akbarov S., YAHNİOĞLU N., Yeşil Ü.
  MECHANICS OF COMPOSITE MATERIALS, vol.46, pp.287-298, 2010 (Journal Indexed in SCI)

- 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., YAHNİOĞLU N., Tekin A.
  CMES-COMPUTER MODELING IN ENGINEERING & SCIENCES, vol.64, pp.147-185, 2010 (Journal Indexed in SCI)

- The Effect of the Geometrical Non-Linearity on the Stress Distribution in the Infinite Elastic Body with a Periodically Curved Row of Fibers
  Akbarov S., Köşker R., Ucan Y.
  CMC-COMPUTERS MATERIALS & CONTINUUM, vol.17, pp.77-102, 2010 (Journal Indexed in SCI)

- Dispersion relations of axisymmetric wave propagation in finite pre-stretched compound circular cylinders made from highly elastic incompressible materials
  AKBAROV S., Guliev M., Tekercioğlu R.

- Dispersion Relations of Axisymmetric Wave Propagation in Finite Pre Stretched Compound Circular Cylinders Made from Highly Elastic Incompressible Materials
  SURKHAY A., GULIEV M. S., TEKERCİOĞLU R.
  [Further details not provided]

- The influence of the finite initial strains on the axisymmetric wave dispersion in a circular cylinder embedded in a compressible elastic medium
  AKBAROV S., GULIEV M. S.
  INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES, vol.52, pp.89-95, 2010 (Journal Indexed in SCI)

- The Self-Balanced Shear Stresses in the Elastic Body with a Locally Curved Covered Fiber
  Alan K. S., Akbarov S.
  ADVANCES IN MECHANICAL ENGINEERING, 2010 (Journal Indexed in SCI)

- On the dynamics of a finite pre-strained bi-layered slab resting on a rigid foundation under the action of an oscillating moving load
  AKBAROV S., SALMANOVA K. A.

- ENERGY RELEASE RATE IN A PRESTRESSED SANDWICH PLATE-STRIP CONTAINING INTERFACE CRACKS
  AKBAROV S., TURAN A.
  MECHANICS OF COMPOSITE MATERIALS, vol.45, pp.597-608, 2009 (Journal Indexed in SCI)

- Dynamics of a system comprising an orthotropic layer and orthotropic half-plane under the action of an oscillating moving load
  Akbarov S., ILHAN N.

- Dynamical response of a prestrained system comprising a substrate and bond and covering layers to a moving load
• **Torsional wave propagation in a pre-stressed circular cylinder embedded in a pre-stressed elastic medium**  
  Ozturk A., Akbaro S.  
  APPLIED MATHEMATICAL MODELLING, vol.33, pp.3636-3649, 2009 (Journal Indexed in SCI)

• **Mathematical modelling and the study of the influence of initial stresses on the SIF and ERR at the crack tips in a plate-strip of orthotropic material**  
  AKBAROV S., TURAN A.  
  APPLIED MATHEMATICAL MODELLING, vol.33, pp.3682-3692, 2009 (Journal Indexed in SCI)

• **Near-surface failure of layered viscoelastic materials**  
  AKBAROV S., Aliyev E. A.  

• **Torsional wave dispersion relations in a pre-stressed bi-material compounded cylinder**  
  Ozturk A., AKBAROV S.  
  ZAMM-ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND MECHANIK, vol.89, pp.754-766, 2009 (Journal Indexed in SCI)

• **Dynamical Response of Two Axially Pre-Strained System Comprising of a Covering Layer and a Half Space to Rectangular Time-Harmonic Forces**  
  EMİROĞLU İ., TAŞÇİ F., AKBAROV S.  
  CMES-COMPUTER MODELING IN ENGINEERING & SCIENCES, vol.49, pp.47-68, 2009 (Journal Indexed in SCI)

• **Axisymmetric longitudinal wave propagation in a finite pre-strained compound circular cylinder made from compressible materials**  
  AKBAROV S., Guliev M. S.  

• **On the solution method for problems related to the micro-mechanics of a periodically curved fiber near a convex cylindrical surface**  
  AKBAROV S., Mamedov A.  

• **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 (Journal Indexed in SCI)

• **PROPOSITION OF AXISYMMETRIC LONGITUDINAL WAVES IN A FINITELY PRESTRAINED CIRCULAR CYLINDER IMBEDDED IN A FINITELY PRESTRAINED INFINITE ELASTIC BODY**  
  AKBAROV S., GULIEV M. S.  

• **Dynamics of a system comprising a pre-stressed orthotropic layer and pre-stressed orthotropic half-plane under the action of a moving load**  
  Akbarov S., ILHAN N.  

• **On the propagation of Lamb waves in a sandwich plate made of compressible materials with finite initial strains**  
  AKBAROV S., ZAMANOV A. D., AGASIYEV E. R.  
  MECHANICS OF COMPOSITE MATERIALS, vol.44, pp.155-164, 2008 (Journal Indexed in SCI)

• **Propagation of torsional waves in a prestretched compound hollow circular cylinder**  
  ÖZTÜRK A. B., AKBAROV S.  
  MECHANICS OF COMPOSITE MATERIALS, vol.44, pp.77-86, 2008 (Journal Indexed in SCI)

• **Recent investigations on dynamic problems for an elastic body with initial (residual) stresses (review)**  
  Akbarov S.  
  INTERNATIONAL APPLIED MECHANICS, vol.43, pp.1305-1324, 2007 (Journal Indexed in SCI)
Three-dimensional instability problems for viscoelastic composite materials and structural members
AKBAROV S.
INTERNATIONAL APPLIED MECHANICS, vol.43, pp.1069-1089, 2007 (Journal Indexed in SCI)

On the influence of singular-type finite elements on the critical force in studying the buckling of a circular plate with a crack
AKBAROV S., YAHNİOĞLU N., RZAYEV O. G.
INTERNATIONAL APPLIED MECHANICS, vol.43, pp.1048-1056, 2007 (Journal Indexed in SCI)

Surface undulation instability of the viscoelastic half-space covered with the stack of layers in bi-axial compression
Akbarov S., TEKERCIOGLU R.

The critical speed of a moving load on a prestressed plate resting on a prestressed half-plane
Akbarov S., Gueler C., Dincsoy E.
MECHANICS OF COMPOSITE MATERIALS, vol.43, pp.173-182, 2007 (Journal Indexed in SCI)

The axisymmetric Lamb’s problem for a finite prestrained half-space covered with a finite prestretched layer
Akbarov S.
INTERNATIONAL APPLIED MECHANICS, vol.43, pp.351-360, 2007 (Journal Indexed in SCI)

A dynamical (time-harmonic) axisymmetric stress field in a finitely prestretched multilayered slab on a rigid foundation
Zamanov A. D., Suleimanov T. R., Akbarov S.

Near-surface buckling instability of a system consisting of a moderately rigid substrate, a viscoelastic bond layer, and an elastic covering layer
Akbarov S., TEKERCIOGLU R.

On the dynamical axisymmetric stress field in a finite pre-stretched bilayered slab resting on a rigid foundation
Akbarov S.

Frequency response of the axisymmetrically finite pre-stretched slab from incompressible functionally graded material on a rigid foundation
Akbarov S.

Stress distribution in a composite material with a row of antiphase periodically curved fibers
Akbarov S., Kosker R., Ucan Y.

The influence of the third order elastic constants on the dynamical interface stress field in a half-space covered with a pre-stretched layer
Akbarov S.

Dynamical (time-harmonic) axisymmetric interface stress field in the finite pre-strained half-space covered with the finite pre-stretched layer
Akbarov S.

The Lamb’s problem for a half-space covered with the pre-stretched layer
AKBAROV S., Emiroglu I., TASCIF.

Stress distribution in an infinite elastic body with a locally curved fiber in a geometrically nonlinear statement
Akbarov S., Kosker R., Simsek K.

Forced vibration of a prestretched two-layer slab on a rigid foundation
Dynamical (harmonic) interface stress field in the half-plane covered by the prestretched layer under a strip load
Akbarov S., Guler C.

Mechanics of curved composites and some related problems for structural members
Akbarov S., GUZ A.
MECHANICS OF ADVANCED MATERIALS AND STRUCTURES, vol.11, pp.445-515, 2004 (Journal Indexed in SCI)

Stress analysis for a rectangular thick plate of a composite material with a spatially locally curved structure under forced vibration
Akbarov S., Tarim E.
MECHANICS OF COMPOSITE MATERIALS, vol.40, pp.509-518, 2004 (Journal Indexed in SCI)

On the influence of the initial tension of a strip with a rectangular hole on the stress concentration caused by additional loading
Akbarov S., Yahnioglu N., Yucel A.
JOURNAL OF STRAIN ANALYSIS FOR ENGINEERING DESIGN, vol.39, pp.615-624, 2004 (Journal Indexed in SCI)

Internal stability loss of two neighbouring fibers in a viscoelastic matrix
Akbarov S., Kosker R.

Dynamic interaction of a prestressed nonlinear elastic layer and a half-plane
Akbarov S., OZISIK M.

Dynamic (harmonic) interfacial stress field in a half-plane covered with a prestretched soft layer
Guler C., AKBAROV S.

Axisymmetric longitudinal wave propagation in pre-stressed compound circular cylinders
Akbarov S., GUZ A.

Stress distribution in an elastic body with a periodically curved row of fibers
Akbarov S., Kosker R., Ucan V.

Lamb problem for a half-space covered with a two-axially prestretched layer
Emiroglu I., TASCIF., AKBAROV S.
MECHANICS OF COMPOSITE MATERIALS, vol.40, pp.227-236, 2004 (Journal Indexed in SCI)

Item analysis of the three-dimensional buckling problem for a clamped thick rectangular plate made of a viscoelastic composite
Selim S., AKBAROV S.

The influence of the third order elastic constants to the generalized Rayleigh wave dispersion in a prestressed stratified half-plane
Akbarov S., OZISIK M.

Three-dimensional stress analysis for a thick plate of a composite material with a spatially locally curved structure
Tarim E., Akbarov S.

Stress analysis for a thick rectangular plate of a composite material with a spatially periodically curved structure under forced vibration
Demiriz I., Akbarov S.
- The loss of stability analyses of an elastic and viscoelastic composite circular plate in the framework of three-dimensional linearized theory
  KÜTÜĞ Z., YAHNİOĞLU N., AKBAROV S.
- Stress distribution caused by anti-phase periodical curving of two neighbouring fibers in a composite material
  Akbarov S., KOSKER R.
- Influence of the interaction between two neighboring periodically curved fibers on the stress distribution in a composite material
  Kosker R., Akbarov S.
- Rayleigh-wave propagation in a half-plane covered with a prestressed layer under complete and incomplete interfacial contact
  Ozişik M., Akbarov S.
  MECHANICS OF COMPOSITE MATERIALS, vol.39, pp.177-182, 2003 (Journal Indexed in SCI)
- On the delamination of a viscoelastic composite circular plate
  Akbarov S., RZAYEV O.
- On a stress analysis in the infinite elastic body with two neighbouring curved fibres
  Akbarov S., KOSKER R.
  COMPOSITES PART B-ENGINEERING, vol.34, pp.143-150, 2003 (Journal Indexed in SCI)
- Mechanics of curved composites (piecewise-homogeneous body model)
  Akbarov S., Guz A.
- Continuum approaches in the mechanics of curved composites and associated problems for structural members
  Akbarov S., GUZ A.
- Natural vibrations of a composite plate strip with macrocracks
  Rzayev O., Akbarov S.
  INTERNATIONAL APPLIED MECHANICS, vol.38, pp.1280-1283, 2002 (Journal Indexed in SCI)
- Local buckling of the elastic and viscoelastic coating around the penny-shaped interface crack
  Rzayev O., AKBAROV S.
- Stability loss analyses of the elastic and viscoelastic composite rotating thick circular plate in the framework of the three-dimensional linearized theory of stability
  YAHNİOĞLU N., AKBAROV S.
- On the buckling of the elastic and viscoelastic composite circular thick plate with a penny-shaped crack
  Akbarov S., Rzayev O.
- Delamination of unidirectional viscoelastic composite materials
  Akbarov S., RZAYEV O.
- Lamb's problem for an initially stressed stratified half-plane
  Akbarov S., OZAYDIN O.
  INTERNATIONAL APPLIED MECHANICS, vol.37, pp.1363-1367, 2001 (Journal Indexed in SCI)
- On the three-dimensional stability loss problem of the viscoelastic composite plate
  Akbarov S., YAHNIOGLU N., KUTUG Z.
- Fiber buckling in a viscoelastic matrix
Akbarov S., Kosker R.
MECHANICS OF COMPOSITE MATERIALS, vol.37, pp.299-306, 2001 (Journal Indexed in SCI)

- Stability of a strip made of a multilayer composite with a curved structure
  Akbarov S., Selim S.
  INTERNATIONAL APPLIED MECHANICS, vol.37, pp.831-835, 2001 (Journal Indexed in SCI)

- The effect of initial stresses on harmonic stress fields within the stratified half plane
  Akbarov S., OZAYDIN O.

- A method of investigation of the general theory of stability problems on structural elements fabricated
  from viscoelastic composite materials
  Akbarov S., YAHNIIOGLU N.
  COMPOSITES PART B-ENGINEERING, vol.32, pp.473-480, 2001 (Journal Indexed in SCI)

- The theoretical strength limit in compression of viscoelastic layered composite materials
  Akbarov S., CILLI A., GUZ A.

- Mechanics of composite materials with curved structures and elements of constructions (review)
  Akbarov S., GUZ A., YAHNIIOGLU N.
  INTERNATIONAL APPLIED MECHANICS, vol.34, pp.1067-1078, 1998 (Journal Indexed in SCI)

- On the three-dimensional stability loss problems of elements of structures of viscoelastic composite
  materials
  Akbarov S.
  MECHANICS OF COMPOSITE MATERIALS, vol.34, pp.537-544, 1998 (Journal Indexed in SCI)

- Influence of local structural damage in multilayered thick plate material on the stress distribution
  Akbarov S., Yahnioglu N.
  INTERNATIONAL APPLIED MECHANICS, vol.34, pp.873-877, 1998 (Journal Indexed in SCI)

- On the bending problems of anisotropic (orthotropic) plates resting on elastic foundations that react in
  compression only
  Akbarov S., Kocaturk T.
  INTERNATIONAL JOURNAL OF SOLIDS AND STRUCTURES, vol.34, pp.3673-3689, 1997 (Journal Indexed in SCI)

- On the fracture of the unidirectional composites in compression
  Akbarov S., Sisman T., Yahnioglu N.

- Fibre stability in anisotropic matrix at small strains
  Akbarov S., KOCATURK T.

- Stress distribution in a strip fabricated from a composite material with small-scale curved structure
  Akbarov S., YAHNIIOGLU N.

- Effect of anisotropy of plates on the contact region resting on tensionless elastic foundation
  Kocaturk T., Akbarov S.
  INTERNATIONAL APPLIED MECHANICS, vol.32, pp.112-116, 1996 (Journal Indexed in SCI)

- ON THE DETERMINATION OF NORMALIZED NONLINEAR MECHANICAL-PROPERTIES OF COMPOSITE-
  MATERIALS WITH PERIODICALLY CURVED LAYERS
  AKBAROV S.

- ON CRACK PROBLEMS IN COMPOSITE-MATERIALS WITH LOCALLY CURVED LAYERS
  AKBAROV S.
  MECHANICS OF COMPOSITE MATERIALS, vol.30, pp.540-547, 1994 (Journal Indexed in SCI)

- ON THE CRACK PROBLEMS IN COMPOSITE-MATERIALS WITH CURVED LAYERS
  AKBAROV S., MAKSUDOV F., PANAKHOV P., SEIFULLAYEV A.
DETERMINATION OF CORRECTED MECHANICAL-PROPERTIES FOR COMPOSITES WITH PERIODICALLY CURVED LAYERS
AKBAROV S., GULEV M., MOVSUMOV E.
INTERNATIONAL APPLIED MECHANICS, vol.29, pp.508-515, 1993 (Journal Indexed in SCI)

NATURAL VIBRATIONS OF COMPOSITE-MATERIALS HAVING STRUCTURES WITH SMALL-SCALE CURVATURES
AKBAROV S., GUZ A., ZAMANOV A.
INTERNATIONAL APPLIED MECHANICS, vol.28, pp.794-800, 1992 (Journal Indexed in SCI)

EFFECT OF GEOMETRIC NONLINEARITY ON STRESS-DISTRIBUTION IN LAMINAR COMPOSITES WITH CURVED STRUCTURES
AKBAROV S., DZHAMALOV Z., MOVSUMOV E.

SOLUTION OF PROBLEMS INVOLVING THE STRESS STATE OF COMPOSITE-MATERIALS WITH CURVED LAYERS IN THE GEOMETRICALLY NONLINEAR STATEMENT
AKBAROV S., GUZ A., DZHAMALOV Z., MOVSUMOV E.
INTERNATIONAL APPLIED MECHANICS, vol.28, pp.343-347, 1992 (Journal Indexed in SCI)

Statics of laminated and fibrous composites with curved structures
Akbarov S., Guz A.

DISTRIBUTION OF SELF-BALANCED STRESSES IN COMPOSITE-MATERIALS WITH CURVED CURVILINEARLY ANISOTROPIC LAYERS
AKBAROV S., MUSTAFAEV S.
SOVIET APPLIED MECHANICS, vol.27, pp.1225-1228, 1991 (Journal Indexed in SCI)

MECHANICS OF COMPOSITE-MATERIALS WITH CURVED STRUCTURES (SURVEY) - COMPOSITE LAMINATES
AKBAROV S., GUZ A.

MECHANICS OF COMPOSITE-MATERIALS WITH DISTORTED STRUCTURE (REVIEW) - CONTINUUM THEORY, FIBER COMPOSITES
AKBAROV S., GUZ A.

CONTINUUM THEORY IN THE MECHANICS OF COMPOSITE-MATERIALS WITH SMALL-SCALE STRUCTURAL DISTORTION
AKBAROV S., GUZ A.

STRESS STATE IN LAMINAR COMPOSITE-MATERIAL WITH PARTIAL DISTORTION IN STRUCTURE
AKBAROV S., ALIEV S.

DISTRIBUTION OF SELF-BALANCING STRESSES IN FIBROUS COMPOSITES WITH TWISTED FIBERS
AKBAROV S.
MECHANICS OF COMPOSITE MATERIALS, vol.26, pp.582-589, 1990 (Journal Indexed in SCI)

Problems of the mechanics of composite materials with curved structures (model of a piecewise homogenous medium)
Guz A., Akbarov S.

SOLUTION OF PROBLEMS OF THE STRESS-STRAIN STATE OF COMPOSITE-MATERIALS WITH CURVILINEARLY ANISOTROPIC LAYERS
AKBAROV S.
SOVIET APPLIED MECHANICS, vol.25, pp.12-21, 1989 (Journal Indexed in SCI)

STRESS AND DEFORMATION IN A LAYERED COMPOSITE-MATERIAL WITH DISTORTED LAYERS
AKBAROV S., VERDIEV M., GUZ A.

Stress distribution in multilayered composite material with curved structures (model of a piecewise
homogeneous body)

Akbarov S., Guz' A.

- **EFFECT OF THE MODES OF SMALL-SCALE ANTIPHASE LOCAL CURVATURE IN THE STRUCTURE OF LAMINATED COMPOSITES ON THE DISTRIBUTION OF SELF-BALANCED STRESSES**
  Akbarov S.

- **DISTRIBUTIONS OF SELF-BALANCED STRESSES IN A LAMINATED COMPOSITE-MATERIAL WITH ANTIPHASE LOCALLY DISTORTED STRUCTURES**
  Akbarov S.

- **STRESS STATE IN A LAMINAR COMPOSITE-MATERIAL WITH LOCAL WARPS IN THE STRUCTURE**
  Akbarov S.

- **MECHANICS OF COMPOSITE-MATERIALS WITH ANISOTROPIC DISTORTED LAYERS**
  Akbarov S., Guz A., Mustafaev S.

- **STRESS-DISTRIBUTION IN A MULTILAYERED COMPOSITE WITH SMALL-SCALE ANTIPHASE CURVATURES IN THE STRUCTURE**
  Akbarov S.

- **EFFECT OF RHEOLOGIC PARAMETERS OF THE MATRIX MATERIAL ON THE DISTRIBUTION OF SELF-BALANCED STRESSES IN A MULTILAYER COMPOSITE WITH CURVED STRUCTURES**
  Akbarov S.

- **STRESS STATE IN A VISCOELASTIC FIBROUS COMPOSITE WITH CURVED STRUCTURES AND A LOW-FIBER CONCENTRATION**
  Akbarov S.

- **NORMAL STRESSES IN A FIBER COMPOSITE WITH CURVED STRUCTURES HAVING A LOW CONCENTRATION OF FILLER**
  Akbarov S.
  Soviet Applied Mechanics, vol.21, pp.1065-1069, 1985 (Journal Indexed in SCI)

- **Stressed state in a composite material with curved layers having a low filler concentration**
  Akbarov S., Guz' A.

- **STRESS STATE OF A FIBER COMPOSITE WITH CURVED STRUCTURES WITH A LOW-FIBER CONCENTRATION**
  Akbarov S., Guz A.

- **STABILITY OF 2 FIBERS IN AN ELASTIC MATRIX WITH SMALL STRAINS**
  Akbarov S., Guz A.

- **A METHOD OF SOLVING PROBLEMS IN THE MECHANICS OF COMPOSITE-MATERIALS WITH CURVED VISCOELASTIC LAYERS**
  Akbarov S.

- **METHOD OF SOLVING PROBLEMS IN THE MECHANICS OF FIBER COMPOSITES WITH CURVED STRUCTURES**
  Akbarov S., Guz A.

- **METHOD OF SOLVING PROBLEMS IN MECHANICS OF COMPOSITE-MATERIALS WITH BENT LAYERS**
  Akbarov S., Guz A.
Articles Published in Other Journals

- Forced vibration of the hydro-elastic system consisting of the orthotropic plate, compressible viscous fluid and rigid wall
  AKBAROV S., Huseynova T.
  COUPLED SYSTEMS MECHANICS, vol.8, pp.199-218, 2019 (Journal Indexed in ESCI)

- Dynamics of the system consisting of the hollow cylinder and surrounding infinite elastic medium under action an oscillating moving ring load on the interior of the cylinder
  AKBAROV S., Mehdiyev M. A.
  COUPLED SYSTEMS MECHANICS, vol.7, pp.525-554, 2018 (Journal Indexed in ESCI)

- The influence of the initial strains of the highly elastic plate on the forced vibration of the hydro-elastic system consisting of this plate, compressible viscous fluid, and rigid wall
  AKBAROV S., ISMAILOV M. I., ALIYEV S. A.
  COUPLED SYSTEMS MECHANICS, vol.6, pp.439-464, 2017 (Journal Indexed in ESCI)

- On the particularities of the forced vibration of the hydro-elastic system consisting of a moving elastic plate, compressible viscous fluid and rigid wall
  AKBAROV S., PANAKHLIA P. G.
  COUPLED SYSTEMS MECHANICS, vol.6, pp.287-316, 2017 (Journal Indexed in ESCI)

- EFFECT OF UNIAXIAL INITIAL STRESSES, PIEZOELECTRICITY AND THIRD ORDER ELASTIC CONSTANTS ON THE NEAR-SURFACE WAVES IN A STRATIFIED HALF-PLANE
  Kurt İ., Akbarov S., Sezer S.

- Frequency response of a viscoelastic plate under compressible viscous fluid loading
  AKBAROV S., Ismailov M.

- The influence of Murnaghan constants on the propagation of a torsional wave in pre-stretched compound circular cylinders
  AKBAROV S., Ozturk A.
  International Applied Mechanics, vol.46, pp.847-856, 2010 (Journal Indexed in ESCI)

- On loss of stability of a strip with two parallel macro-cracks under finite precritical deformation
  TURAN DİNCEL A., AKBAROV S.
  INTERNATIONAL APPLIED MECHANICS, vol.46, pp.359-365, 2010 (Refereed Journals of Other Institutions)

- Axisymmetric longitudinal wave propagation in a finite prestrained circular cylinder embedded in a finite prestrained compressible medium
  AKBAROV S., Guliev M.
  International Applied Mechanics, vol.45, pp.1257-1267, 2009 (Journal Indexed in ESCI)

- Axisymmetric longitudinal wave propagation in a finite prestretched compound circular cylinder made of incompressible materials
  AKBAROV S., Guliev M.
  International Applied Mechanics, vol.45, pp.1141-1151, 2009 (Journal Indexed in ESCI)

- Buckling instability of a thick rectangular plate of a composite material with a spatially periodically curved structure
• On the natural vibrations of the composite plate-strip with macro-cracks
  Rzaev O., Akbarov S.
• Continuum approaches in the mechanics of curved composites and related problems for members of constructions
  Akbarov S., Guz’ A.
  Prikladnaya Mekhanika, vol.38, pp.3-31, 2002 (Refereed Journals of Other Institutions)
• Mechanics of curved composites (the piecewise homogeneous body model)
  Akbarov S., Guz’ A.
  Prikladnaya Mekhanika, vol.38, pp.3-32, 2002 (Refereed Journals of Other Institutions)
• Stability of a strip fabricated of a multi-layered composite material with a curved structure
  Akbarov S., Selim S.
  Prikladnaya Mekhanika, vol.37, pp.137-141, 2001 (Refereed Journals of Other Institutions)

Books & Book Chapters

• Dynamics of Pre-Strained bi-material elastic systems: Linearized Three-dimensional Approach
  Akbarov S.
• Stability Loss and Buckling delamination: Three-Dimensional Linearized Approach for elastic and Viscoelastic Composites
  Akbarov S.
• Mechanics of curved composites
  Akbarov S., Guz A.
• Mechanics Of Materials With Curved Structures (in Russian)
  Akbarov S., Guz A., Movsumov E., Mustafayev S.
  Nauka Dumka, Kyiv, 1995

Refereed Congress / Symposium Publications in Proceedings

• Time-Harmonic Forced Vibration of a HydroElastic System Consisting of the Anisotropic Plate, Compressible Viscous Fluid and Rigid Wall
  Hyseynova T., Akbarov S.
  Ulusal Mekanik Kongresi, Niğde, Turkey, 2 - 06 September 2019, vol.1, pp.364-367
• The “Gyroscopic Effect” on Interface Stresses in a "Hollow Cylinder + Surrounding Medium" System Under Action of the Oscillating-Moving Ring Load in the Interior of the Cylinder
  Akbarov S., Mehdiyev M.
  Ulusal Mekanik Konferansi, Niğde, Turkey, 2 - 06 September 2019, vol.1, pp.368-371
• The Influence of Inhomogeneous Initial Stresses on the Dispersion of Axisymmetric Longitudinal Wave Propagating in the Hollow Cylinder
  Akbarov S., Bagirov E.
  Ulusal Mekanik Konferansi, Niğde, Turkey, 2 - 06 September 2019, vol.1, pp.361-363
• İçi Boş Sandviç Kürenin Doğal Titreşim Frekanslarında Levhalar Arası Kusurlu Temas Koşullarının Etkisi
  Sevdimaliyev Y., Akbarov S., Yahnioglu N.
  Ulusal Mekanik Kongresi, Niğde, Turkey, 2 - 06 September 2019, vol.1, pp.342-352
• INFLUENCE OF THE INHOMOGENEOUS INITIAL STRESS ON THE NATURAL FREQUENCIES OF A FLUID-FILLED HOLLOW SPHERE MADE OF FGM
  AKBAROV S., ÇİLLİ A., YAHNIĞLOLU N.
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

Parametric resonance of the system consisting of the circular cylinder and surrounding elastic medium under action in the interior of the cylinder time-harmonic oscillating moving load
Mehdiyev M., AKBAROV S.

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

MATHEMATICAL MODELLING AND THEORETICAL STUDY ON THE TUNNEL+SOIL SYSTEMS
AKBAROV S., Mehdiyev M.
1ST INTERNATIONAL CONFERENCE ON INNOVATIONS IN NATURAL SCIENCE AND ENGINEERING, Famagusta, Cyprus (Kktc), 03 January 2018, vol.1, no.1, pp.5-6

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

Buckling delamination of a PZT/Metal/PZT sandwich rectangular thick plate with closed-circuit conditions
AYLIKCI F., YAHNİOĞLU N., AKBAROV S.
1st International Conference on Innovations in Natural Science and Engineering, Famagusta, Cyprus (Kktc), 03 January 2018, pp.25

Natural Vibration of a Multilayered Hollow Sphere Filled with a Compressible Fluid
AKBAROV S., YAHNİOĞLU N., Guliyev H. H.
34th International Physics Congress of the Turkish-Physical-Society (TPS), Konacik, Turkey, 5 - 09 September 2018, vol.2042

PARAMETRIC RESONANCE OF THE SYSTEM CONSISTING OF THE CIRCULAR HOLLOW CYLINDER AND SURROUNDING ELASTIC MEDIUM UNDER ACTION IN THE INTERIOR
Mehdiyev M. A., AKBAROV S.
6th International Conference on Control and Optimization with Industrial Applications (COIA), Baku, Azerbaijan, 11 - 13 July 2018, pp.270-272

On one integral criterion of reliability of geoinformation
Guliyev H. H., AKBAROV S., YAHNİOĞLU N., Sevdimaliyev Y. M.
17th International Conference on Geoinformatics: Theoretical and Applied Aspects, Kyiv, Ukraine, 14 - 17 May 2018, no.1

THE RESPONSE OF AN INFINITE ELASTIC MEDIUM WITH INHOMOGENEOUS INITIAL STRESSES TO MOVING RING LOAD IN A CYLINDRICAL CAVITY
Bagirov E. T., Akbarov S., Seyfülayev A. I.
6th International Conference on Control and Optimization with Industrial Applications (COIA), Baku, Azerbaijan, 11 - 13 July 2018, pp.92-94

ON THE DISCRETE-ANALYTICAL SOLUTION METHOD FOR INVESTIGATION DYNAMICAL PROBLEMS OF THE SPHERE WITH INHOMOGENEOUS INITIAL STRESSES
AKBAROV S., Guliyev H. H., YAHNİOĞLU N.
13th International Conference on Vibration Problems, Guwahati, India, 29 November 2017, pp.1-15

Dispersion of the seismic rayleigh waves in elastic crustal layer on viscoelastic mantle
AKBAROV S., Negin M.
Calculation and 3D ERR Analyses in the band crack front contained in the rectangular plate made of multilayered material Rectangular Plate Made of Multilayered Material
TURAN DİNÇEL A., AKBAROV S.
4th International Conference on Computational and Experimental Science and Engineering, Antalya, Turkey, 04 October 2017, vol.1, no.1, pp.516

HOMOJEN OLMAYAN ÖNGERİLME İÇEREN İÇ BOŞ KÜRENİN TORSİYONEL TİTREŞİMİ
AKBAROV S., YAHNİOĞLU N., Guliye H. H.
XX. Ulusal Mekanik Kongresi, Bursa, Turkey, 05 September 2017, pp.1-6

On some particulariyies of the influence of the fluid viscosity on the frequency response of a viscoelastic plate loaded with this fluid
AKBAROV S., Zamanov A., Ismailov M.
The 2017 World Congress on Advances in Structural Engineering and Mechanics (ASEM17), Seoul, South Korea, 28 August 2017, vol.1, pp.50

An Investigation on the Free Vibration of a Sphere with Inhomogeneous Initial Stresses
AKBAROV S., YAHNİOĞLU N., Guliye H. H.

Buckling delamination of the circular sandwich plate with piezoelectric face and elastic core layers under rotationally symmetric external pressure
AKBAROV S., Cafarova F. I., YAHNİOĞLU N.
Turkish Physical Society 32nd International Physics Congress, TPS 2016, Konacik-Bodrum, Turkey, 6 - 09 September 2016, vol.1815

DISPERSION OF AXISYMMETRIC LONGITUDINAL WAVES IN A SOLID CYLINDER MADE OF VISCOELASTIC MATERIAL
AKBAROV S., Kocal T., Kepceler T.
61st The IIER International Conference, Osaka, Japan, 16th February 2016, 01 February 2016, pp.24-29

FONKSİYONEL DERECELENDİRİLMİŞ MALZEMEDEN YAPILMIŞ İÇ BOŞ ÜÇKATLI KÜRENİN TORSİYONEL SERBEST TİTREŞİMİNİN DİSKRİT ANALİTİK YÖNTEMLİ İNCELENMESİ
SURKHAY A., YAHNİOĞLU N.
XIX. ULUSAL MEKANİK KONGRESİ, Turkey, 24 - 28 August 2015

VIŞKOELASTİK MALZEMEDEN YAPILMIŞ İKİ KATLI İÇİ BOŞ DAİRESEL SILİNDİRDE EKSENEL SİMİTRİK BOYUNA DALGALARIN DISPERSİYONU HAKKINDA
AKBAROV S., Kocal T., Kepceler T.
TÜMMK ve KTÜ, 01 August 2015, vol.1, pp.1-12

Stress Distribution in the Infinite Elastic Body with a Periodical Curved Carbon Nanotube
Köşker R., Akbarov S., Gülten İ.

The influence of the bonded imperfection on torsional wave dispersion in the finitely pre-strained hollow bi-material compound circular cylinder made of highly-elastic material
AKBAROV S., Kepceler T., Karafaki E.
01 July 2014

A theoretical investigation of an imperfectly bonded bi-layered plate strip comprising aluminum and steel
AKBAROV S., HAZAR E., ERÖZ M.
01 July 2014

The Influence of Initial Stresses on a Pre-stressed Orthotropic Plate-strip with Finite Length
AKBAROV S., Eröz M.
01 July 2014

TEK YÖNLÜ DÜŞÜK YOĞUNLUKLU İÇ BOŞ YEREL EĞRİLİKLİ LİFLER İÇEREN KOMPOZİTLERİN BASINÇ ALTINDA KIRILMASININ TEORİK LİMİTİ
SURKHAY A., KÖŞKER R., ÇOBAN F.
• On the Frequency Response of the System Consisting of a Pre-stresses Metal Elastic Plate, Compressible Viscous Fluid and Rigid Wall
AKBAROV S., Ismailov M.
National Academy of Sciences of Azerbaycan, 01 May 2014, pp.77-79

• Frequency response of a pre-stressed elastic metal plate under compressible viscous fluid loading
AKBAROV S.
01 November 2013, pp.21-22

• The influence of the interaction between the periodically located row of fibers in a composite materials on the stress distribution
KÖŞKER R., AKBAROV S., UÇAN Y.

• Internal Stability Loss of a Row Unidirected Periodically Located Fibers in the Visco-elastic Matrix
AKBAROV S., KÖŞKER R., UÇAN Y.
International Conference on Computational & Experimental Engineering and Sciences (ICCES-12), Girit, Greece, 30 April 2012, vol.1, pp.47-48

• Buckling Delamination of Elastic and Viscoelastic Composite Plates with Cracks
AKBAROV S.
01 May 2012, pp.25

• Influence of the Initial strains of Face Layers on the Torsional Wave Propagation in a Hollow Sandwich Cylinder (Soft Core and Stiff Face Layers)
AKBAROV S., Kepceler T., Egilmez M. M.
01 May 2012, pp.24

• Zamana göre harmonik değişen yük etkisi altındaki piezoelektrik tabaka ve piezoelektrik yarısonsuz düzlemden oluşan sistemde genelleştirilmiş Rayleigh dalgalanının dispersiyonu
SURKHAY A., İLHAN N., KOÇ N.
XVII Ulusal Mekanik Kongresi, Turkey, 6 - 09 September 2011, pp.43-48

• Buckling Delamination of a Sandwich Plate-Strip with Elastic Core and Piezoelectric face Layers
AKBAROV S., Yahnioglu N.
01 April 2012, pp.46

• Torsional wave propagation in sandwich hollow cylinder with pre-strained face (Core) Layers (Layer)
AKBAROV S., KEPCELER T., Mert Egilmez M., DIKMEN F.

• On the dispersion of the axisymmetric longitudinal waves in the pre-strained bi-layered hollow cylinder under imperfect contact between the layers
AKBAROV S., İpek C.

• Torsional wave dispersion in a pre-strained hollow sandwich cylinder with soft core
AKBAROV S., KEPCELER T., Mert Egilmez M.
On the stress field caused by the time harmonic force in the system consisting of the piezoelectric covering layer and piezoelectric half-plane
AKBAROV S., İlhan N.
01 September 2011, vol.1, pp.261-267

The dispersion of the axisymmetric longitudinal waves in the pre-strained bi-material hollow cylinder with the imperfect interface condition
AKBAROV S., İpek C.
01 September 2011, vol.1, pp.693-698

On the stress field caused by the time harmonic force in the system consisting of the piezoelectric covering layer and piezoelectric half-plane
AKBAROV S., İlhan N.
10th International Conference on Vibration Problems, ICOVP 2011, Prague, Czech Republic, 5 - 08 September 2011, vol.139, pp.261-267

The dispersion of the axisymmetric longitudinal waves in the pre-strained bi-material hollow cylinder with the imperfect interface conditions
AKBAROV S., İpek C.
10th International Conference on Vibration Problems, ICOVP 2011, Prague, Czech Republic, 5 - 08 September 2011, vol.139, pp.693-698

On the dynamics of the oscillating moving point load acting on the system comprising a pre-stressed layer and pre-stressed half-space
AKBAROV S., İlhan N., Temugan A.
10th International Conference on Vibration Problems, ICOVP 2011, Prague, Czech Republic, 5 - 08 September 2011, vol.139, pp.255-260

Torsional wave propagation in a pre-strained hollow three-layered circular cylinder
Akbarov S., KEPCCELER T., Egilmez M. M.
10th International Conference on Vibration Problems, ICOVP 2011, Prague, Czech Republic, 5 - 08 September 2011, vol.139, pp.681-686

Natural Vibration of an Initial Stressed Rectangular Composite Thick Plate with Two Neighboring Oval Cylindrical Holes
AKBAROV S., YAHNİOĞLU N., YEŞİL Ü.
10th Biennial International Conference on Vibration Problems (ICOVP), Prague, Czech Republic, 5 - 08 September 2011, pp.162-167

On some particularities of the axisymmetric wave propagation in the initially twisted circular compound cylinders
Akbarov S., Guliev M., KEPCCELER T.

Buckling delamination of a rectangular sandwich thick plate with band cracks
Akbarov S., YAHNİOĞLU N., Tekin A.

Buckling delamination of the rectangular orthotropic thick plate with an edge rectangular crack
Akbarov S., YAHNİOĞLU N., KARATAŞ E. E.

Stress distribution caused by out of plane sinphase locally curving of two neighboring fibers in a composite material
T. Cinar N., Köşker R., Akbarov S.
Sixteenth International Conference Mechanics of Composite Materials (MCM-2010), Riga, Latvia, 24 - 28 May 2010, pp.58

BUCKLING DELAMINATION OF THE RECTANGULAR ORTHOTROPIC THICK PLATE WITH AN EDGE
• On the dynamics of the harmonic oscillating and moving strip load acting on the system consisting on
the pre-stressed covering layer and pre-stressed half-plane
Ilhan N., Akbarov S.
2009 ASME International Mechanical Engineering Congress and Exposition, IMECE2009, Lake Buena Vista, FL,

• BUCKLING DELAMINATION OF A RECTANGULAR SANDWICH THICK PLATE WITH BAND CRACKS
Akbarov S., Yahnioglu N., Tekin A.
10th ASME Biennial Conference on Engineering Systems Design and Analysis, Istanbul, Turkey, 12 - 24 July 2010,
pp.243-251

• ON THE DYNAMICS OF THE HARMONIC OSCILLATING AND MOVING STRIP LOAD ACTING ON THE
SYSTEM CONSISTING ON THE PRE-STRESSED COVERING LAYER AND PRE-STRESSED HALF-PLANE
Ilhan N., Akbarov S.
ASME International Mechanical Engineering Congress and Exposition, Florida, United States Of America, 13 - 19
November 2009, pp.345-358

• ON SOME PARTICULARITIES OF THE AXISYMMETRIC WAVE PROPAGATION IN THE INITIALLY
TWISTED CIRCULAR COMPOUND CYLINDERS
Akbarov S., Guliev M., KEPCELER T.
10th ASME Biennial Conference on Engineering Systems Design and Analysis, Istanbul, Turkey, 12 - 24 July 2010,
pp.91-98

• An Analysis of Buckling Delamination of Composite Rectangular Thick Plates with an Inner Rectangular
Crack
AKBAROV S., YAHNIÖGLU N., KARATAŞ E. E.
10th International Conference on Computational Structures Technology, Valencia, Spain, 14 - 17 September 2010,
vol.93

• Axissy mmetric wave propagation in the initially twisted circular compound cylinders
AKBAROV S., Guliev M.
ASME 2009 International Mechanical Engineering Congress and Exposition, IMECE2009, Lake Buena Vista, FL,

• An analysis of buckling delamination of composite rectangular thick plates with an inner rectangular
crack
AKBAROV S., YAHNIÖGLU N., KARATAŞ E. E.
10th International Conference on Computational Structures Technology, CST 2010, Valencia, Spain, 14 - 17
September 2010, vol.93

• Rijid zemin üzerine oturan sonlu ön şekil değiştirimleri olan iki katlı levhaya etki eden titreşimli hareketli
yükün dinamiği
AKBAROV S.
16. Ulusal Mekanik Kongresi 22-26 Haziran 2009 Kayseri, 01 June 2009

• Rijit ortam üzerindeki viskoelastik ve elastk levhadan oluşansistem in hareketli yük etkisindeki dinamik
davranışı
AKBAROV S., İlhan N.
01 June 2009, pp.83-93

• Local near-surface failure of layered viscoelastic materials
AKBAROV S., Aliev E.
01 May 2008, pp.5-6

• Forced vibration of a prestressed bilayered plate-strip of finite length resting on a rigid foundation
AKBAROV S., Yikdiz A., ERÖZ M.
01 May 2008, pp.9

• Propagation of lamb waves in a sandwich plate of a compressible material with finite initial strains
AKBAROV S., Zamanov A., Aghasiyev E.
• Dynamical response to a moving load of a prestrained system comprising a substrate and bond and covering layers
AKBAROV S.

• Öngerilmeli izotrop levha ve ön gerilmeli anizotrop yarı düzlemden oluşan sistemin hareketli yük etkisindeki dinamik davranışları
AKBAROV S., İlhan N.
15. Ulusal Mekanik Kongresi, İsparta, Eylül 2007, 01 September 2007

• Dispersion of torsional waves in the compound circular cylinder with initial stresses
Ozturk A., AKBAROV S.
6TH International Conference of the Balkan Physical Union, İstanbul, Turkey, 22 August 2006 - 26 August 2007, vol.899, pp.795

• On the dynamical stress field in the pre-stretched bilayered strip resting on the rigid foundation
Güler C., AKBAROV S.

• Forced vibration of the pre-stretched simply supported strip containing two neighbouring circular holes
YAHNIÖĞLU N., AKBAROV S.
7th International Conference on Vibration Problems (ICOVP 2005), İstanbul, Turkey, 5 - 09 September 2005, vol.111, pp.511-513

• On the "resonance" values of the dynamical stress in the system comprises two-axially pre-stretched layer and half-space
TAŞÇİ F., EMİROĞLU İ., Akbarov S.
7th International Conference on Vibration Problems (ICOVP 2005), İstanbul, Turkey, 5 - 09 September 2005, vol.111, pp.469-470

• Stress Distribution Caused by out of Plane Co-Phase Periodical Curving of Two Neighboring Fibers in a Composite Material,
Köşker R., Akbarov S.

• On the critical velocity of a moving load on a pre-strained plate resting on a pre-strained half-plane
Akbarov S., Güler C., Dincsoy E.
Mechanics of Composite Materials, Riga, Latvia, 29 May - 02 June 2006, pp.6

• Dynamic (time-harmonic) axisymmetric stress field in a prestrained multilayered slab resting on a rigid foundation
Zamanov A., Suleimanov T., AKBAROV S.
01 May 2006, pp.227

• The Fracture of The Visco-Elastic Matrix Containing a Row Unidirected Periodically Located Fibers
Akbarov S., Köşker R., Uçan Y.
7th International Fracture Conference Proceedings, Kocaeli, Turkey, 19 - 21 October 2005, pp.801-811

• Aynı fazlı Periyodik Eğilmiş Sıralı Lif İçeren Sonsuz Elastik Ortamda Geometrik Non lineeritinin Gerilme Yayılmasına Etkisi
AKBAROV S., KÖŞKER R., UÇAN Y.
XIV Ulusal Mekanik Kongresi, Hatay, Turkey, 12 September 2005, pp.15-24

• Stress Distribution Caused by Anti-Phase Periodical Curving of Row Neighbouring Fibers in a Composite Material Under Geometrical Non-Linear Statement
Akbarov S., Köşker R., Uçan Y.
Twelfth International Conference on Composites/ Nano Engineering (ICCE-12), Tenerife, Spain, 1 - 06 August 2005, pp.30-31

• Stress Distribution in an Infinite Elastic Body with a Periodically Curved Row of Fibers
Akbarov S., Köşker R., Uçan Y.
Stability Loss Problem of the Rectangular Thick Plate from the Composite Material with Periodically Spatially Curved Structure
AKBAROV S., Selim S., Genc Demiriz I.
01 May 2004, pp.9

The Lamb problem for a half-space covered with a biaxially presetreched layer
Emiroglu I., Tasci F., AKBAROV S.
01 May 2004, pp.54

On the influence of the initial tension of the strip with rectangular hole to the stress concentration
AKBAROV S., Yahnioglu N., Mermer Yucel A.
01 September 2003, pp.3-10

Three-Dimensional Stress Analysis For a Thick Plate Fabricated From A Composite Material With a Spatial Locally Curved Structure
TEKİN TARIM E., AKBAROV S.
MCM-2002 XII INTERNATIONAL CONFERENCE ON MECHANICS OF COMPOSITE MATERIAL, Riga, Latvia, 09 June 2002, pp.204

FEM Analyses of The Three-Dimensional Buckling Problem of The Clamped Rectangular Thick Plate From Viscoelastic Composites
AKBAROV S., Selim S.
01 June 2002, pp.177

Stress Distribution in the Infinite Elastic Body with Two Neighboring Periodical Curved Fibers under Geometrical Non-Linear Statement
AKBAROV S., Köşker R.
01 June 2002

Periyodik eğilmiş iki líf içeren sonsuz elastik ortamda gerilme yayılımı
AKBAROV S.
XII. Ulusal Mekanik Kongresi-Selçuk Üni., Konya, 10-14 Eylül 2001, 01 September 2001

Failure of the unidirectional composites in compression
AKBAROV S.
01 September 2001, pp.3-10

Micro-buckling of a fiber in viskoelastic matrix
AKBAROV S., Köşker R.
01 July 2000, pp.477-478

On the finite element analysis of the influence of the local structural damage of the multilayered thick plate material to the stress distribution
Akbarov S., Yahnioglu N.
5th International Conference on Computer Aided Assessment and Control of Localized Damage and Fracture Mechanics, Bologna, Italy, 01 January 1998, pp.187-196

On distribution of self-balanced stressed in a composite material with antphasisically periodically distorted layers
AKBAROV S., Verdiyev M.
01 May 1990, pp.184-190

On the method of problems solution in mechanics of materials with curved layers in geometrically non-linear formulation
AKBAROV S., Movsumov E.
01 May 1989, pp.130-131

On the mechanism of composite materials fracture, resulting from the curving of reinforcing elements, Structural Fracture Mechanism of Composites
AKBAROV S.
01 May 1988, pp.5-6

On the influence of the form of local curving in the structure of laminated composites on the distribution of self-equilibrated stresses (model of piecewise homogenous body)
AKBAROV S.
01 May 1987, pp.20-22
On the distribution of self equilibrated stresses in laminated composite material with partial curvings in the structure
AKBAROV S., Aliyev S.
01 May 1986, pp.428-433

On the stressed state in the laminated composite material with spatially curved layers. Non-classical and mixed problem of deformable body mechanics
AKBAROV S., Verdiyev M.
Institute of Mechanics of the Academy of Sci. of the UKR. SSR, 01 May 1985, pp.2-5

On the stressed state in the infinite viscoelastic matrix, reinforced by a single curved fiber, Creep in structures
AKBAROV S.
01 May 1984, pp.96-97

Dynamic response to a time-harmonic moving load of a system comprising of viscoelastic layer covering a viscoelastic half-space
Akbarov S., İlhan N., Sahin S.
18th International Conference on Mechanics of Composite Materials, Riga, Latvia, 2 - 06 June 2014, vol.1, pp.21

On the forced vibration of the system consisting of a initially strained highly elastic plate, compressible viscous fluid and rigid wall
AKBAROV S., Aliyev S., Ismailov M.
The 2017 World Congress on Advances in Structural Engineering and Mechanics (ASEM17), South Korea, vol.1, no.1, pp.67

On the influence of the initial stresses on the critical velocity on moving ring loadacting in the interior of the hollow cylinder surrounded by an infinite elastic medium
AKBAROV S., Mehdiyev M.
The 2017 World Congress on Advances in Structural Engineering and Mechanics (ASEM17), South Korea, vol.1, no.1, pp.47

**Supported Projects**

Akbarov S., Selim S., Demiriz I., Tarm E., Project Supported by Higher Education Institutions, Delik ve Çatlak İçeren Kompozit Plakların Çekme Durumundaki Yerel Stabilite Kaybına Ait Matematik Modellenin Geliştirilmesi ve Sonlu Elemanlar Yöntemi İle İncelenmesi, 2005 - 2008

Akbarov S., Project Supported by Higher Education Institutions, Viskoelastik kompozit malzemelerden hazırlanmış yapı elemanlarının üç boyutlu stabilite problemleri, 1999 - 2002

Akbarov S., Selim S., Demiriz I., Project Supported by Higher Education Institutions, Non-Lineer Elastisite Teorisi Denklemlerinin Sonlu Alanlar İçin Olan Sınır Değer Problemlerinin Perturbasyon Yöntemiyle İncelenmesi, 1997 - 2002

Akbarov S., Ören D., Project Supported by Higher Education Institutions, Parçalı homojen ortamların basınç altında dağılmının teorik olarak incelenmesi, 1999 - 2001

Akbarov S., TUBITAK Project, Viskoelastik kompozit malzemelerden hazırlanmış yapı elemanlarının üç boyutlu stabilite problemleri, 1998 - 2001

Akbarov S., Şişman T. T., Project Supported by Higher Education Institutions, Lokal ve eğrisel yapıya sahip kompozit malzemeden düzenlenmiş yapı elemanlarının sonlu elemanlar metodu ile statik büyüklüklerinin hesaplanması, 1995 - 1998

**Invited Congress and Symposium Activities**

XX. Ulusal Mekanik Kongresi, Invited Speaker, Bursa, Turkey, 2017


**Citations**

Total Citations (WOS):1880
h-index (WOS): 23