

Personal Information

Email: kepceler@yildiz.edu.tr

Web: <https://avesis.yildiz.edu.tr/kepceler>

Education Information

Doctorate, Yildiz Technical University, Makina, Makina Müh., Turkey Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **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.
INTERNATIONAL JOURNAL OF SOLIDS AND STRUCTURES, vol.100, pp.195-210, 2016 (SCI-Expanded)
- II. **Dispersion of Axisymmetric Longitudinal Waves in A Bi-Material Compound Solid Cylinder Made of Viscoelastic Materials**
AKBAROV S., Kocal T., KEPCELER T.
CMC-COMPUTERS MATERIALS & CONTINUA, vol.51, no.2, pp.105-143, 2016 (SCI-Expanded)
- III. **On the torsional wave dispersion in a hollow sandwich circular cylinder made from viscoelastic materials**
AKBAROV S., KEPCELER T.
APPLIED MATHEMATICAL MODELLING, vol.39, no.13, pp.3569-3587, 2015 (SCI-Expanded)
- IV. **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., KEPCELER T., Egilmez M. M.
MECHANICS OF COMPOSITE MATERIALS, vol.49, no.3, pp.297-304, 2013 (SCI-Expanded)
- V. **On the Some Particularities of the Torsional Wave Dispersion in a Finitely Pre-Deformed Hollow Sandwich Cylinder**
AKBAROV S., KEPCELER T., EGILMEZ M. M.
CMC-COMPUTERS MATERIALS & CONTINUA, vol.30, no.1, pp.83-97, 2012 (SCI-Expanded)
- VI. **Torsional Wave Propagation in Sandwich Hollow Cylinder With Pre-Strained Face (Core) Layers (Layer)**
Kepçeler T., Eğilmez M. M., DİKMEN F.
Advanced Materials Research, vol.445, pp.1094-1099, 2012 (SCI-Expanded)
- VII. **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, no.2, pp.91-109, 2011 (SCI-Expanded)
- VIII. **Torsional wave dispersion in a finitely pre-strained hollow sandwich circular cylinder**
AKBAROV S., KEPCELER T., EGILMEZ M. M.
JOURNAL OF SOUND AND VIBRATION, vol.330, pp.4519-4537, 2011 (SCI-Expanded)
- IX. **Dispersion relations of axisymmetric wave propagation in initially twisted bi-material compounded cylinders**

- AKBAROV S., GULIEV M. S., KEPCELER T.
JOURNAL OF SOUND AND VIBRATION, vol.330, no.8, pp.1644-1664, 2011 (SCI-Expanded)
- X. **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, no.6, pp.627-638, 2011 (SCI-Expanded)
- XI. **Torsional wave dispersion relations in a pre-stressed bi-material compounded cylinder with an imperfect interface**
KEPCELER T.
APPLIED MATHEMATICAL MODELLING, vol.34, no.12, pp.4058-4073, 2010 (SCI-Expanded)
- XII. **Cluster PIUD control of viaduct road vibration**
YUKSEK F., Kepceler T., Guclu R., YAGIZ N.
INTERNATIONAL APPLIED MECHANICS, vol.41, no.10, pp.1204-1209, 2005 (SCI-Expanded)

Articles Published in Other Journals

- I. **INFLUENCE OF IMPERFECT CONTACT CONDITIONS ON THE TORSIONAL WAVE DISPERSION IN PRE-STRAINED MANY LAYERED HOLLOW CYLINDER MADE OF HIGHLY ELASTIC MATERIALS**
Karafaki E., KEPCELER T.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.38, no.2, pp.545-561, 2020 (ESCI)
- II. **Sliding Mode Control of a Planar Flexible Single-Arm Robot**
KEPCELER T.
POLİTEKNİK DERGİSİ, vol.4, no.2, 2001 (Peer-Reviewed Journal)
- III. **Sliding Modes Control of Vehicle Suspension Systems**
KEPCELER T.
YTÜD Yıldız Teknik Üniversitesi Dergisi, pp.148-156, 2000 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **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, Osaka, Japan, 01 February 2016, pp.24-29
- II. **Viskoelastik Malzemededen Yapılmış İki Katlı İçi Boş Dairesel Silindirde Eksenel Simetrik Boyuna Dalgaların Dispersiyonu**
Akbarov S., Koçal T., Kepceler T.
XIX. Ulusal Mekanik Kongresi, Trabzon, Turkey, 24 - 28 August 2015, vol.1, pp.1-12
- III. **The influence of the bonded imperfectness 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
- IV. **Torsional Wave Propagation in a Bi-Layered Hollow Cylinder Made of Viscoelastic Material**
AKBAROV S., KEPCELER T., KOÇAL T.
XVIII International Conference on Mechanics of Composite Materials, Riga, Latvia, 2 - 06 June 2014, pp.22
- V. **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

- VI. **Torsional wave propagation in sandwich hollow cylinder with pre-strained face (Core) Layers (Layer)**
AKBAROV S., KEPCELER T., Mert Egilmez M., DİKMEN F.
14th International Conference on Advances in Materials and Processing Technologies, AMPT 2011, İstanbul, Turkey, 13 - 16 July 2011, vol.445, pp.1094-1099
- VII. **Torsional wave dispersion in a pre-strained hollow sandwich cylinder with soft core**
Akbarov S., Kepceler T., Mert Egilmez M.
ASME 2011 International Mechanical Engineering Congress and Exposition, IMECE 2011, Denver, CO, United States Of America, 11 - 17 November 2011, vol.8, pp.821-830
- VIII. **Torsional Wave Propagation In A Pre-Strained Hollow Three-Layered Circular Cylinder**
KEPCELER T.
The 10th International Conference on Vibration Problems (ICOVP 2011), 01 September 2011
- IX. **17. Ulusal Mekanik Kongresi (TUMTMK 2011), Fırat Üniversitesi, Elazığ,**
KEPCELER T.
Sonlu Önsenkildeğiştirilmesi Olan İçi Boş Çift Katmanlı Dairesel Bileşik Silindirde Aksisimetrik Burulma Dalga Dispersiyonu, 01 September 2011
- X. **Torsional wave propagation in a pre-strained hollow three-layered circular cylinder**
Akbarov S., KEPCELER T., Egilmez M. M.
10th International Conference on Vibration Problems, ICOVP 2011, Prague, Czech Republic, 5 - 08 September 2011, vol.139, pp.681-686
- XI. **On some particularities of the axisymmetric wave propagation in the initially twisted circular compound cylinders**
Akbarov S., Guliev M., KEPCELER T.
ASME 2010 10th Biennial Conference on Engineering Systems Design and Analysis, ESDA2010, İstanbul, Turkey, 12 - 14 July 2010, vol.2, pp.91-98
- XII. **On Some Particularities of the Axisymmetric Wave Propagation in the Initially Twisted Circular Compound Cylinders**
KEPCELER T.
ASME 2010 10th Biennial Conference on Engineering System Design and Analysis (ESDA 2010), İstanbul, Turkey, 01 July 2010
- XIII. **On the Axisymmetric Torsional Wave Dispersion and Its Controlling in the Finitely Pre-stretched Bi-material Compound Circular Cylinder**
KEPCELER T.
ASME 2010 10th Biennial Conference on Engineering System Design and Analysis (ESDA 2010), 01 July 2010
- XIV. **The Axisymmetric Torsional Wave Dispersion In The Finitely Pre-Stretched Hollow Bi-Material Compound Circular Cylinder**
KEPCELER T.
XVI. International Conference on Mechanics of Composite Materials (MCM 2010), Riga, Latvia, 01 May 2010
- XV. **Axisymmetric Wave Propagation In The Initially Twisted Bi-Material Compound Circular Cylinder (Soft Inner And Stiff Outer Cylinders)**
KEPCELER T.
XVI. International Conference on Mechanics of Composite Materials (MCM 2010), May 2010, Riga, Latvia, 01 May 2010
- XVI. **The effect of the finite pre-straining of the covering cylindrical layer on the torsional wave dispersion in the Bi-material Compound Circular Cylinder**
KEPCELER T.
International Conference on Computational & Experimental Engineering and Sciences (ICCES'10), Las Vegas, USA, 01 March 2010
- XVII. **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, İstanbul, Turkey, 12 - 24 July 2010, pp.91-98

XVIII. Öngerilmeli Bileşik Silindirdeki Burulma Dalga Yayılımına Temas Koşullarının Etkisi

KEPCELER T.

16. Ulusal Mekanik Kongresi (TUMTMK 2009) Erciyes Üniversitesi, Kayseri, 01 June 2009

XIX. 4x4 Çekişli Arazi Aracın Transfer Mekanizmasında Dinamik Gerilmelerin Analizi

KEPCELER T.

OTEKON 2006, Bursa, 01 June 2006

XX. Bir Deprem Simülatörüne Ait Hidrolik Sistemin Bulanık Mantık Yaklaşımıyla Konum Kontrolü

KEPCELER T.

Akıllı Sistemlerde Yenilikler ve Uygulamalar Sempozyumu, ASYU 2004, 01 September 2004

XXI. Rüzgar Türbini Kanatlarının Katı modellenmesi

KEPCELER T.

Mühendis ve Makina, 01 June 2004

XXII. Vibration Control of a Two Degrees Freedom Flexible Robot Arm by Sliding Mode Control Theory

KEPCELER T.

32nd International Symposium on Robotics, Korea, 01 April 2001

XXIII. Active Vibration Control of Elastic Robot Arm

KEPCELER T.

Structural Dynamics and Vibration ASME ,USA, Houston, Texas, 01 February 1999

XXIV.

KEPCELER T.

Supported Projects

Akşit M. F., Umurkan N., Dikmen F., Demir C., Kepceler T., TUBITAK Project, Milli Rüzgâr Enerji Sistemleri Geliştirilmesi ve Prototip Türbin Üretimi (MILRES), 2011 - 2013

KEPCELER T., Project Supported by Higher Education Institutions, Elektronik kontrollü robot kol tasarımı, 2005 - 2007

Metrics

Publication: 41

Citation (WoS): 101

Citation (Scopus): 111

H-Index (WoS): 5

H-Index (Scopus): 5