

# Prof. Mehmet Hakkı OMURTAG

## Personal Information

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## International Researcher IDs

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Yoksis Researcher ID: 9891

## Education Information

Doctorate, Istanbul Technical University, İnşaat Fakültesi, İnşaat Mühendisliği Bölümü, Turkey 1981 - 1990

Postgraduate, Bogazici University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, Turkey 1978 - 1980

Undergraduate, Bogazici University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, Turkey 1974 - 1978

## Foreign Languages

English, C1 Advanced

## Dissertations

Doctorate, Takviyeli, deęişken kesitli silindirik kabukların karışık sonlu eleman yöntemi ile çözümü, Istanbul Technical University, İnşaat Fakültesi, İnşaat Mühendisliği Bölümü, 1990

Postgraduate, Comparison of some methods for the analysis of frame shearwall systems, Bogazici University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 1980

## Research Areas

Civil Engineering

## Academic Titles / Tasks

Professor, Istanbul Medipol University, Mühendislik ve Doęa Bilimleri Fakültesi, İnşaat Mühendisliği Bölümü, 2019 - Continues

Professor, Istanbul Technical University, İnşaat Fakültesi, İnşaat Mühendisliği Bölümü, 2000 - 2019

Associate Professor, Istanbul Technical University, İnşaat Fakültesi, İnşaat Mühendisliği Bölümü, 1993 - 2000

Assistant Professor, Istanbul Technical University, İnşaat Fakültesi, İnşaat Mühendisliği Bölümü, 1991 - 1993

Research Assistant, Istanbul Technical University, İnşaat Fakültesi, İnşaat Mühendisliği Bölümü, 1981 - 1993

## Academic and Administrative Experience

Istanbul Technical University, 2012 - 2019  
Istanbul Technical University, 2004 - 2008  
Istanbul Technical University, 2000 - 2001  
Istanbul Technical University, 1996 - 2000

## Courses

Dinamik, Undergraduate, 2013 - 2014, 2011 - 2012, 2009 - 2010, 2007 - 2008, 2005 - 2006, 2003 - 2004, 2001 - 2002  
Çubukların Sonlu Eleman Yöntemiyle Modellenmesi, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010  
Finite Elements, Postgraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005  
Statik, Undergraduate, 2013 - 2014, 2011 - 2012, 2009 - 2010, 2007 - 2008, 2005 - 2006, 2003 - 2004, 2001 - 2002  
Mukavemet II, Undergraduate, 2012 - 2013, 2010 - 2011, 2008 - 2009, 2006 - 2007, 2004 - 2005, 2002 - 2003, 2000 - 2001  
Mukavemet I, Undergraduate, 2012 - 2013, 2010 - 2011, 2008 - 2009, 2006 - 2007, 2004 - 2005, 2002 - 2003, 2000 - 2001

## Advising Theses

Mehmet Hakkı O., Static and dynamic analysis of non-circular helical bars based on exact geometry, Doctorate, M.ERMİŞ(Student), 2019  
Mehmet Hakkı O., Static and dynamic analyses of composite helicoidal rods with mixed finite element method, Doctorate, Ü.NECMETTİN(Student), 2019  
Mehmet Hakkı O., Elastik cisimlerde iki boyutlu doğrusal sürtünmesiz temas probleminin sonlu elemanlar metodu ile analizi, Postgraduate, O.ADALI(Student), 2018  
Mehmet Hakkı O., The dynamic analysis of non-cylindrical viscoelastic helical bars using mixed finite element method, Postgraduate, M.ERMİŞ(Student), 2015  
Mehmet Hakkı O., Large deflection and elasto-plastic analysis of Mindlin plates with mixed FEM, Doctorate, A.KUTLU(Student), 2013  
Mehmet Hakkı O., Analysis of dynamic behavior of viscoelastic helicoidal rods with mixed finite element method., Postgraduate, Ü.NECMETTİN(Student), 2012  
Mehmet Hakkı O., Anlık basınç yükü etkisindeki kompozit plakların doğrusal olmayan dinamik davranışının sonlu elemanlarla çözümü, Doctorate, C.AKSOYLAR(Student), 2010  
Mehmet Hakkı O., Keyfi doğrultuda ortotrop pasternak zeminine oturan mindlin plaklarının serbest titreşimlerinin karışık sonlu elemanlarla analizi, Postgraduate, A.KUTLU(Student), 2007  
Mehmet Hakkı O., Ortotrop pasternak zeminine oturan reissner plaklarının karışık sonlu eleman yöntemi ile statik analizi, Postgraduate, M.ARTIM(Student), 2004  
Mehmet Hakkı O., Helisel çubuklarda statik ve dinamik problemlerin karışık sonlu eleman metodu ile incelenmesi, Postgraduate, O.OLGUN(Student), 2004  
Mehmet Hakkı O., Tekillik içeren reissner plaklarının sonlu eleman çözümünde geçiş elemanları kullanılarak ağ sıklaştırması, Postgraduate, T.ÇELİK(Student), 2003  
Mehmet Hakkı O., Zeminle etkileşim içindeki ayırık plaklarda VLASOV parametrelerinin sonlu elemanlarla belirlenmesi, Postgraduate, A.FETTAHOĞLU(Student), 2003  
Mehmet Hakkı O., İki parametrelili vlasov zeminine oturan homojen izotrop plakların, karışık sonlu elemanlar metodu ile analizi, Postgraduate, A.ANIL(Student), 2002  
Mehmet Hakkı O., Elastik zemine oturan tabakalı kompozit plakaların karışık sonlu elemanlar metoduyla stabilite analizi, Postgraduate, E.GÜLAL(Student), 1999  
Mehmet Hakkı O., Elastik zemine oturan ince plakların karışık sonlu elemanlar metoduyla çözümü, Postgraduate,

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Warping included mixed finite elements for bending and stresses of functionally graded exact curved beams**  
ARIBAŞ Ü. N., Atalay M., OMURTAG M. H.  
Mechanics of Advanced Materials and Structures, vol.31, no.20, pp.5040-5056, 2024 (SCI-Expanded)
- II. **Cross-sectional warping and precision of the first-order shear deformation theory for vibrations of transversely functionally graded curved beams**  
Aribaş Ü. N., Aydın M., Atalay M., Omurtag M. H.  
APPLIED MATHEMATICS AND MECHANICS (ENGLISH EDITION), vol.44, pp.2109-2138, 2023 (SCI-Expanded)
- III. **Free vibration of axially FG curved beam on orthotropic Pasternak foundation via mixed FEM**  
Ermis M., Kutlu A., Erath N., OMURTAG M. H.  
Journal of the Brazilian Society of Mechanical Sciences and Engineering, vol.44, no.12, 2022 (SCI-Expanded)
- IV. **Two-dimensional solution of functionally graded piezoelectric-layered beams**  
ÇÖMEZ İ., ARIBAŞ Ü. N., Kutlu A., OMURTAG M. H.  
Journal of the Brazilian Society of Mechanical Sciences and Engineering, vol.44, no.3, 2022 (SCI-Expanded)
- V. **Forced vibration analysis of composite-geometrically exact elliptical cone helices via mixed FEM**  
ARIBAŞ Ü. N., Ermis M., Kutlu A., Erath N., OMURTAG M. H.  
Mechanics of Advanced Materials and Structures, vol.29, no.10, pp.1456-1474, 2022 (SCI-Expanded)
- VI. **The static and stress analyses of axially functionally graded exact super-elliptical beams via mixed FEM**  
ARIBAŞ Ü. N., Ermis M., OMURTAG M. H.  
Archive of Applied Mechanics, vol.91, no.12, pp.4783-4796, 2021 (SCI-Expanded)
- VII. **Contact problem between a rigid punch and a functionally graded orthotropic layer resting on a Pasternak foundation**  
ÇÖMEZ İ., OMURTAG M. H.  
Archive of Applied Mechanics, vol.91, no.9, pp.3937-3958, 2021 (SCI-Expanded)
- VIII. **The static and dynamic analyses of warping included composite exact conical helix by mixed FEM**  
Aribas Ü. N., Ermis M., Erath N., OMURTAG M. H.  
Composites Part B: Engineering, vol.160, pp.285-297, 2019 (SCI-Expanded)
- IX. **A combined boundary-finite element procedure for dynamic analysis of plates with fluid and foundation interaction considering free surface effect**  
Kutlu A., Uğurlu B., OMURTAG M. H.  
Ocean Engineering, vol.145, pp.34-43, 2017 (SCI-Expanded)
- X. **Static and dynamic analysis of conical helices based on exact geometry via mixed FEM**  
Ermis M., OMURTAG M. H.  
International Journal of Mechanical Sciences, vol.131-132, pp.296-304, 2017 (SCI-Expanded)
- XI. **Parametric analysis of viscoelastic hyperboloidal helical rod**  
Ermis M., Erath N., Argeso H., Kutlu A., OMURTAG M. H.  
Advances in Structural Engineering, vol.19, no.9, pp.1420-1434, 2016 (SCI-Expanded)
- XII. **A new mixed finite-element approach for the elastoplastic analysis of Mindlin plates**  
Kutlu A., Meschke G., OMURTAG M. H.  
Journal of Engineering Mathematics, vol.99, no.1, pp.137-155, 2016 (SCI-Expanded)
- XIII. **Dynamic analysis of helicoidal bars with non-circular cross-sections via mixed FEM**  
Erath N., Yilmaz M., Darılmaz K., OMURTAG M. H.  
Structural Engineering and Mechanics, vol.57, no.2, pp.221-238, 2016 (SCI-Expanded)
- XIV. **Large deflection of 3D curved rods: An objective formulation with principal axes transformations**  
Yilmaz M., OMURTAG M. H.

- Computers and Structures, vol.163, pp.71-82, 2016 (SCI-Expanded)
- XV. **Dynamic analysis of linear viscoelastic cylindrical and conical helicoidal rods using the mixed FEM**  
Erathı N, Argeso H, Çalim F. F., TEMEL B., OMURTAG M. H.  
Journal of Sound and Vibration, vol.333, pp.3671-3690, 2014 (SCI-Expanded)
- XVI. **Effects of the non-homogeneity and elastic medium on the critical torsional load of the orthotropic cylindrical shell**  
Sofiyev A., Deniz A., AVCAR M., ÖZYİĞİT P., OMURTAG M. H.  
Acta Physica Polonica A, vol.123, no.4, pp.728-730, 2013 (SCI-Expanded)
- XVII. **Large deflection bending analysis of elliptic plates on orthotropic elastic foundation with mixed finite element method**  
Kutlu A., OMURTAG M. H.  
International Journal of Mechanical Sciences, vol.65, no.1, pp.64-74, 2012 (SCI-Expanded)
- XVIII. **Dynamic response of Mindlin plates resting on arbitrarily orthotropic Pasternak foundation and partially in contact with fluid**  
Kutlu A., Uğurlu B., OMURTAG M. H., Ergin A.  
Ocean Engineering, vol.42, pp.112-125, 2012 (SCI-Expanded)
- XIX. **Nonlinear transient analysis of FGM and FML plates under blast loads by experimental and mixed FE methods**  
Aksoylar C., Ömercikoğlu A., Mecitoğlu Z., OMURTAG M. H.  
Composite Structures, vol.94, no.2, pp.731-744, 2012 (SCI-Expanded)
- XX. **Mixed finite element analysis of composite plates under blast loading Anlık Basınç Yükü Altındaki Kompozit Plakların Karişik SEM ile Analizi**  
Aksoylar C., OMURTAG M. H.  
Teknik Dergi/Technical Journal of Turkish Chamber of Civil Engineers, vol.22, no.4, pp.5689-5711, 2011 (SCI-Expanded)
- XXI. **Finite element analysis of functionally graded plates for coupling effect of extension and bending**  
Orakdöğen E., Küçükarslan S., Sofiyev A., OMURTAG M. H.  
Meccanica, vol.45, no.1, pp.63-72, 2010 (SCI-Expanded)
- XXII. **The vibration and stability of orthotropic conical shells with non-homogeneous material properties under a hydrostatic pressure**  
Sofiyev A., OMURTAG M. H., Schnack E.  
Journal of Sound and Vibration, vol.319, no.3-5, pp.963-983, 2009 (SCI-Expanded)
- XXIII. **Dynamics of a rectangular plate resting on an elastic foundation and partially in contact with a quiescent fluid**  
Uğurlu B., Kutlu A., Ergin A., OMURTAG M. H.  
Journal of Sound and Vibration, vol.317, no.1-2, pp.308-328, 2008 (SCI-Expanded)
- XXIV. **A simplified solution of the torsional rigidity of the composite beams by using FEM**  
Saygün A., OMURTAG M. H., Orakdöğen E., Girgin K., Küçükarslan S., Darılmaz K.  
Advances in Structural Engineering, vol.10, no.5, pp.467-473, 2007 (SCI-Expanded)
- XXV. **Determination of the Vlasov foundation parameters -quadratic variation of elasticity modulus-using FE analysis**  
Çelik M., OMURTAG M. H.  
Structural Engineering and Mechanics, vol.19, no.6, pp.619-637, 2005 (SCI-Expanded)
- XXVI. **Stability analysis of composite-plate foundation interaction by mixed FEM**  
Doğruoğlu A. N., OMURTAG M. H.  
Journal of Engineering Mechanics, vol.126, no.9, pp.928-936, 2000 (SCI-Expanded)
- XXVII. **Two plane punches on a nonlocal elastic half plane**  
Artan R., OMURTAG M. H.  
International Journal of Engineering Science, vol.38, no.4, pp.395-403, 2000 (SCI-Expanded)
- XXVIII. **Free-vibration analysis of thin/thick laminated structures by layer-wise shell models**  
Başar Y., OMURTAG M. H.

- Computers and Structures, vol.74, no.4, pp.409-427, 2000 (SCI-Expanded)
- XXIX. **Free vibration analysis of orthotropic plates resting on Pasternak foundation by mixed finite element formulation**  
OMURTAG M. H., Kadioğlu F.  
Computers and Structures, vol.67, no.4, pp.253-265, 1998 (SCI-Expanded)
- XXX. **Free vibration analysis of kirchhoff plates resting on elastic foundation by mixed finite element formulation based on Gâteaux differential**  
OMURTAG M. H., Özütok A., Aköz A. Y., Özçelkørs Y.  
International Journal for Numerical Methods in Engineering, vol.40, no.2, pp.295-317, 1997 (SCI-Expanded)
- XXXI. **Analysis of orthotropic plate-foundation interaction by mixed finite element formulation using Gâteaux differential**  
ÖZÇELİKÖRS Y., OMURTAG M. H., Demir H.  
Computers and Structures, vol.62, no.1, pp.93-106, 1997 (SCI-Expanded)

### Articles Published in Other Journals

- I. **An Exact Elasticity Solution for Monoclinic Functionally Graded Beams**  
ÇÖMEZ İ., ARIBAŞ Ü. N., Kutlu A., OMURTAG M. H.  
Arabian Journal for Science and Engineering, vol.46, no.5, pp.5135-5155, 2021 (Scopus)
- II. **BUCKLING OF RECTANGULAR FSDT PLATES RESTING ON ORTHOTROPIC FOUNDATION BY MIXED FEM**  
KUTLU A., OMURTAG M. H.  
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, 2020 (ESCI)
- III. **Elastically Damped Transient Response of Axially FG Straight Beams**  
ARIBAŞ Ü. N., ERMİŞ M., KUTLU A., ERATLI N., OMURTAG M. H.  
International Journal of Theoretical and Applied Mechanics, vol.4, pp.19-25, 2019 (Peer-Reviewed Journal)
- IV. **The static response of sandwich exact conical helices via MFEM**  
ARIBAŞ Ü. N., OMURTAG M. H.  
Journal of Structural Engineering & Applied Mechanics (Online), vol.2, no.4, pp.153-163, 2019 (Peer-Reviewed Journal)
- V. **The dynamic analysis of a linear viscoelastic planar elliptical beam**  
ERMİŞ M., KUTLU A., ERATLI N., OMURTAG M. H.  
Sigma Journal of Engineering and Natural Sciences, vol.9, no.2, 2018 (Peer-Reviewed Journal)
- VI. **Forced Vibration Analysis of Warping Considered Curved Composite Beams Resting on Viscoelastic Foundation**  
ARIBAŞ Ü. N., ERMİŞ M., KUTLU A., ERATLI N., OMURTAG M. H.  
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.31, no.4, pp.1093-1105, 2018 (Scopus)
- VII. **Static and free vibration analysis of composite straight beams on the Pasternak Foundation**  
Ermis M., ARIBAŞ Ü. N., Eratlı N., OMURTAG M. H.  
WSEAS Transactions on Applied and Theoretical Mechanics, vol.12, pp.113-122, 2017 (Scopus)
- VIII. **The Effects of Viscous Bulk Compressibility for Noncylindrical Helices**  
ERATLI N., ARGEŞO A. H., OMURTAG M. H.  
Int. Journal of Civil and Structural Engineering IJCSE, vol.2, no.2, pp.307-311, 2015 (Peer-Reviewed Journal)
- IX. **Free vibration analysis of helicoidal bars within walled circular tube cross section via mixed finite element method**  
ERATLI N., ERMİŞ M., OMURTAG M. H.  
Sigma Journal of Engineering and Natural Sciences, vol.33, pp.200-218, 2015 (Peer-Reviewed Journal)
- X. **Dynamic analysis of cylindrical and conical helices by mixed FEM Silindirik ve konik helislerin karışık SEM ile dinamik analizi**  
Girgin K., Olgun O., Darılmaz K., OMURTAG M. H.

- Teknik Dergi/Technical Journal of Turkish Chamber of Civil Engineers, vol.18, no.1, pp.4081-4101, 2007 (Scopus)
- XI. **Dynamic analysis of cylindrical and conical helices by mixed FEM Silindirik ve konik helislerin karışık SEM ile dinamik analizi**  
Girgin K., Olgun O., Darılmaz K., OMURTAG M. H.  
Teknik Dergi/Technical Journal of Turkish Chamber of Civil Engineers, vol.17, no.4, pp.4003-4023, 2006 (Scopus)
- XII. **New functional for hyperbolic paraboloid shell using refined field equations and a mixed FE solution**  
OMURTAG M. H.  
Teknik Dergi/Technical Journal of Turkish Chamber of Civil Engineers, vol.9, no.DEC., pp.531-535, 1998 (Scopus)
- XIII. **Isoparametric mixed finite element formulation of orthotropic cylindrical shells**  
OMURTAG M. H., Aköz A.  
Computers and Structures, vol.55, no.5, pp.915-924, 1995 (Scopus)
- XIV. **Hyperbolic paraboloid shell analysis via mixed finite element formulation**  
OMURTAG M. H., Aköz A.  
International Journal for Numerical Methods in Engineering, vol.37, no.18, pp.3037-3056, 1994 (Scopus)
- XV. **A compatible cylindrical shell element for stiffened cylindrical shells in a mixed finite element formulation**  
OMURTAG M. H., Aköz A.  
Computers and Structures, vol.49, no.2, pp.363-370, 1993 (Scopus)
- XVI. **The mixed finite element solution of helical beams with variable cross-section under arbitrary loading**  
OMURTAG M. H., Aköz A.  
Computers and Structures, vol.43, no.2, pp.325-331, 1992 (Scopus)
- XVII. **Mixed finite element formulation of eccentrically stiffened cylindrical shells**  
OMURTAG M. H., Aköz A.  
Computers and Structures, vol.42, no.5, pp.751-768, 1992 (Scopus)
- XVIII. **Mixed finite element formulation of cylindrical shells of varying cross-section**  
Akoz Y., OMURTAG M. H.  
Teknik Dergi/Technical Journal of Turkish Chamber of Civil Engineers, vol.3, no.1, pp.156-162, 1992 (Scopus)
- XIX. **Mixed finite element formulation of three dimensional straight and circular bars**  
Akoz A., OMURTAG M. H.  
Teknik Dergi/Technical Journal of Turkish Chamber of Civil Engineers, vol.3, no.1, pp.171-175, 1992 (Scopus)
- XX. **The mixed finite element formulation for three-dimensional bars**  
Aköz A., OMURTAG M. H., Doğruoğlu A. N.  
International Journal of Solids and Structures, vol.28, no.2, pp.225-234, 1991 (Scopus)

## **Books & Book Chapters**

- I. **Mukavemet Çözümlü Problemler Cilt 1**  
OMURTAG M. H.  
Birsen, İstanbul, 2022
- II. **Statik**  
OMURTAG M. H.  
Birsen, İstanbul, 2019
- III. **Çözümlü Statik Problemleri**  
OMURTAG M. H.  
Birsen, 2018
- IV. **Mukavemet Çözümlü Problemler Cilt 2**  
OMURTAG M. H.  
Birsen, 2018
- V. **Mukavemet 1**

- OMURTAG M. H.  
Birsen, İstanbul, 2018
- VI. **Mukacemet 2**  
OMURTAG M. H.  
Birsen, İstanbul, 2018
- VII. **Dinamik Çözümlü Problemler**  
OMURTAG M. H.  
Birsen, 2018
- VIII. **Dinamik**  
OMURTAG M. H.  
Birsen, 2015
- IX. **Çözümlü Statik ve Mukavemet Problemleri Skalar Mekanik**  
OMURTAG M. H.  
Birsen, İstanbul, 2015
- X. **Statik ve Mukavemet Skalar Mekanik**  
OMURTAG M. H.  
Birsen, İstanbul, 2015
- XI. **Çözümlü Çubuk Sonlu Eleman Problemleri**  
OMURTAG M. H., ERATLI N.  
Birsen, 2010

### **Refereed Congress / Symposium Publications in Proceedings**

- I. **Static analysis of axially FG straight beams on generalized Winkler foundation via mixed FEM**  
BAB Y., ERMİŞ M., KUTLU A., ERATLI N., OMURTAG M. H.  
4th International Conference on Materials Design and Applications, 07 June 2022, pp.72
- II. **FONKSİYONEL DERECELİ DAİRESEL KİRİŞLERİN DİNAMİK ANALİZİ**  
ARIBAŞ Ü. N., ATALAY M., AYDIN M., ERMİŞ M., OMURTAG M. H.  
22. Ulusal Mekanik Kongresi, 06 September 2021
- III. **EKSENEL FONKSİYONEL DERECELENDİRİLMİŞ ELİPTİK KİRİŞLERİN SONLU ELEMAN YÖNTEMİ İLE SERBEST TİTREŞİM ANALİZİ**  
Aydoğan G., ERMİŞ M., ARIBAŞ Ü. N., OMURTAG M. H.  
22. Ulusal Mekanik Kongresi, 06 September 2021
- IV. **EKSENEL FONKSİYONEL DERECELENDİRİLMİŞ ELİPTİK KİRİŞLERİN SONLU ELEMAN YÖNTEMİ İLE STATİK ANALİZİ**  
Kır O., ERMİŞ M., ARIBAŞ Ü. N., OMURTAG M. H.  
22. Ulusal Mekanik Kongresi, 06 September 2021
- V. **The static responses and stresses of functionally graded exact curved beams**  
ARIBAŞ Ü. N., ATALAY M., OMURTAG M. H.  
7th International Conference on Mechanics of Composites, 01 September 2021
- VI. **KOMPOZİT EĞRİSEL KİRİŞLERİN ÇARPILMA ETKİSİ GÖZETİLEN GERİLME DAĞILIMININ KARIŞIK SONLU ELEMANLARLA ANALİZİ**  
ARIBAŞ Ü. N., ERMİŞ M., KUTLU A., ERATLI N., OMURTAG M. H.  
21. Ulusal Mekanik Kongresi, Niğde, Turkey, 2 - 06 September 2019, pp.303-312
- VII. **Forced Vibration Analysis of Axially FG Straight Beams by Mixed FEM**  
ERMİŞ M., ARIBAŞ Ü. N., KUTLU A., ERATLI N., OMURTAG M. H.  
IV. Eurasian Conference on Civil and Environmental Engineering, 17 - 18 June 2019
- VIII. **Free Vibration Analysis of Axially FG Straight Beam by Mixed FEM**  
ERMİŞ M., ARIBAŞ Ü. N., KUTLU A., ERATLI N., OMURTAG M. H.  
International Civil Engineering and Architecture Conference 2019/ICEARC'19, Trabzon, Turkey, 17 - 20 April 2019

- IX. **The Warping Effect on the Structural Response of Sandwich Exact Conical Rods**  
ARIBAŞ Ü. N., ERMİŞ M., KUTLU A., ERATLI N., OMURTAG M. H.  
International Civil Engineering and Architecture Conference 2019/ICEARC'19, Trabzon, Turkey, 17 - 20 April 2019
- X. **Elastically Damped Transient Response of Axially FG Straight Beams**  
ARIBAŞ Ü. N., ERMİŞ M., KUTLU A., ERATLI N., OMURTAG M. H.  
12th International Conference on FINITE DIFFERENCES, FINITE ELEMENTS, FINITE VOLUMES, BOUNDARY ELEMENTS, Roma, Italy, 25 - 27 May 2019, pp.19-25
- XI. **The Comparison of Exact and Approximate Geometry of Conical Helix Over Static and Dynamic Analysis**  
ERMİŞ M., AYHAN B., KUTLU A., ERATLI N., OMURTAG M. H.  
13th International Congress on Advances in Civil Engineering - ACE 2018, İzmir, Turkey, 12 - 14 September 2018
- XII. **Free Vibration Analysis of a Planar Elliptical Beam**  
ERMİŞ M., ARIBAŞ Ü. N., ERATLI N., OMURTAG M. H.  
16th European Conference on Earthquake Engineering, Thessaloniki, Greece, 18 - 21 June 2018
- XIII. **Forced Vibration Analysis of a Planar Elliptical Beam**  
ERMİŞ M., ARIBAŞ Ü. N., ERATLI N., OMURTAG M. H.  
16th European Conference on Earthquake Engineering/16ECEE, Selanik, Greece, 18 - 21 June 2018
- XIV. **Ortotrop zemine oturan süper eliptik kesitli akışkan tankı ince taban plağının serbest titreşim analizi**  
KUTLU A., UĞURLU B., OMURTAG M. H.  
20. Ulusal Mekanik Kongresi, Bursa, Turkey, 5 - 09 September 2017, pp.433-442
- XV. **Viskoelastik zemine oturan eğri eksenli kompozit çubukların dinamik analizi**  
ARIBAŞ Ü. N., ERMİŞ M., KUTLU A., ERATLI N., OMURTAG M. H.  
20. Ulusal Mekanik Kongresi, Bursa, Turkey, 5 - 09 September 2017, pp.118-129
- XVI. **Viskoelastik eliptik düzlem çubukların dinamik analizi**  
ERMİŞ M., KUTLU A., ERATLI N., OMURTAG M. H.  
20. Ulusal Mekanik Kongresi, Bursa, Turkey, 5 - 09 September 2017, pp.147-156
- XVII. **Kompozit Eğrisel Kirişlerin Statik ve Dinamik Analizinde Burulma Rijitliğinin Etkisi**  
ARIBAŞ Ü. N., YILMAZ M., OMURTAG M. H.  
20. Ulusal Mekanik Kongresi, Bursa, Turkey, 5 - 09 September 2017, pp.56-65
- XVIII. **Forced Vibration of a Planar Curved Beam on Pasternak Foundation**  
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