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Education Information

Doctorate, Fırat University, Fen Bilimleri, İnşaat Mühendisliği-Mekanik, Turkey 1999 - 2004

Doctorate, Dokuz Eylül University, Mühendislik Fakültesi, İnşaat Müh. Yapı A.B.D., Turkey 1999 - 2003

Postgraduate, Fırat University, Fen Bilimleri, İnşaat Mühendisliği-Mekanik, Turkey 1996 - 1998

Undergraduate, Fırat University, Mühendislik Fakültesi, İnşaat Mühendisliği, Turkey 1992 - 1996

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Polinomal Diferansiyel Quadrature (PDQ) Metodu ile Elastik Zemine Oturan Plak ve Kabukların Geometrik Bakımdan Lineer Olmayan Statik ve Dinamik Analizi, Fırat University, Fen Bilimleri, İnşaat Mühendisliği-Mekanik, 2004

Postgraduate, Plak ve Kabukların Nöro-Fuzzy Tekniği ile Lineer ve Lineer Olmayan Statik-Dinamik Analizi, Fırat Üniversitesi, Fırat University, Fen Bilimleri, İnşaat Mühendisliği-Mekanik, 1998

Research Areas

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

Academic Titles / Tasks

Professor, Akdeniz University, Faculty of Engineering, İnşaat Mühendisliği, 2012 - Continues

Associate Professor, Akdeniz University, Faculty of Engineering, İnşaat Mühendisliği, 2006 - 2012

Assistant Professor, Akdeniz University, Faculty of Engineering, İnşaat Mühendisliği, 2004 - 2006

ADVISING THeses

- CİVALEK Ö., Grafen tabakaların membran ve plak ile modellenmesi, Postgraduate, S.Çakırtaş(Student), 2016
- CİVALEK Ö., Elastik zemine oturan grafen tabakaların mekanik özelliklerinin hesabı, Postgraduate, M.Cihad(Student), 2016
- CİVALEK Ö., Nano boyutlu sektör ve boşluklu sektör plakların lokal olmayan elastisite teorisi ile titreşim ve eğilme analizi, Doctorate, M.Gürses(Student), 2015
- CİVALEK Ö., Nano ve mikro yapıların yerel olmayan elastisite teorisi ile eğilme ve titreşim hesabı, Postgraduate, Ç.Işık(Student), 2011

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Aerodynamic stability and free vibration of FGP-Reinforced nano-fillers annular sector microplates exposed to supersonic flow**
Arshid E., Amir S., Loghman A., CİVALEK Ö.
Thin-Walled Structures, vol.197, 2024 (SCI-Expanded)
- II. **The mechanical response of nanobeams considering the flexoelectric phenomenon in the temperature environment**
Luu G. T., CİVALEK Ö., Van Tuyen B.
Archive of Applied Mechanics, vol.94, no.3, pp.493-514, 2024 (SCI-Expanded)
- III. **High frequency analysis of the functionally graded sandwich nanobeams embedded in elastic foundations using nonlocal quasi-3D theory**
Ghazwani M. H., Alnujaie A., Van Vinh P., CİVALEK Ö.
Physica B: Condensed Matter, vol.675, 2024 (SCI-Expanded)
- IV. **On shear-dependent vibration of nano frames**
Numanoğlu H. M., CİVALEK Ö.
International Journal of Engineering Science, vol.195, 2024 (SCI-Expanded)
- V. **Effect of two-dimensional material distribution on dynamic and buckling responses of graded ceramic-metal higher order beams with stretch effect**
Bensaid I., Saimi A., CİVALEK Ö.
Mechanics of Advanced Materials and Structures, vol.31, no.8, pp.1760-1776, 2024 (SCI-Expanded)
- VI. **Size-dependent nonlinear stability response of perforated nano/microbeams via Fourier series**
CİVALEK Ö., UZUN B., YAYLI M. Ö.
Archive of Applied Mechanics, vol.93, no.12, pp.4425-4443, 2023 (SCI-Expanded)
- VII. **Size-dependent Levinson beam theory for thermal vibration of a nanobeam with deformable boundary conditions**
CİVALEK Ö., DELİKTAŞ B., UZUN B., YAYLI M. Ö.
ZAMM Zeitschrift für Angewandte Mathematik und Mechanik, vol.103, no.12, 2023 (SCI-Expanded)
- VIII. **Fractional modelling of piezoelectric composite nanobeams via novel numerical schemes**
Salah M., CİVALEK Ö., Ragb O.
Applied Physics A: Materials Science and Processing, vol.129, no.11, 2023 (SCI-Expanded)
- IX. **Dynamics of a FG porous microbeam with metal foam under deformable boundaries**
CİVALEK Ö., ERSOY H., UZUN B., YAYLI M. Ö.
Acta Mechanica, vol.234, no.11, pp.5385-5404, 2023 (SCI-Expanded)
- X. **Thermomechanical vibration analysis of a restrained nanobeam**
CİVALEK Ö., UZUN B., YAYLI M. Ö.
Microsystem Technologies, vol.29, no.11, pp.1601-1613, 2023 (SCI-Expanded)
- XI. **On analysis of nanocomposite conical structures**
Dastjerdi S., CİVALEK Ö., Malikan M., AKGÖZ B.
International Journal of Engineering Science, vol.191, 2023 (SCI-Expanded)
- XII. **On nonlinear stability analysis of saturated embedded porous nanobeams**
CİVALEK Ö., UZUN B., YAYLI M. Ö.

International Journal of Engineering Science, vol.190, 2023 (SCI-Expanded)

- XIII. **An eigenvalue solution for nonlocal vibration of guide supported perfect/imperfect functionally graded power-law and sigmoid nanobeams on one-parameter elastic foundation**
CİVALEK Ö., UZUN B., YAYLI M. Ö.
ZAMM Zeitschrift für Angewandte Mathematik und Mechanik, vol.103, no.9, 2023 (SCI-Expanded)
- XIV. **A study on the crack presence effect on dynamical behaviour of bi-directional compositionally imperfect material graded micro beams**
Saimi A., Bensaid I., CİVALEK Ö.
Composite Structures, vol.316, 2023 (SCI-Expanded)
- XV. **Vibration of smart sandwich plate with an auxetic core and dual-FG nanocomposite layers integrated with piezoceramic actuators**
Nouraei M., Zamani V., CİVALEK Ö.
Composite Structures, vol.315, 2023 (SCI-Expanded)
- XVI. **Magneto-thermoelastic interactions in an unbounded orthotropic viscoelastic solid under the Hall current effect by the fourth-order Moore-Gibson-Thompson equation**
Abouelregal A. E., AKGÖZ B., CİVALEK Ö.
Computers and Mathematics with Applications, vol.141, pp.102-115, 2023 (SCI-Expanded)
- XVII. **Free-damped vibration tangential wave responses of FG-sandwich merged hemispherical-cylindrical shells under effects of artificial springs at merging and boundary conditions**
Sobhani E., Masoodi A. R., CİVALEK Ö., Reza Ahmadi-Pari A.
Engineering Structures, vol.284, 2023 (SCI-Expanded)
- XVIII. **A Hardening Nonlocal Elasticity Approach to Axial Vibration Analysis of an Arbitrarily Supported FG Nanorod**
UZUN B., CİVALEK Ö., YAYLI M. Ö.
Physical Mesomechanics, vol.26, no.3, pp.295-312, 2023 (SCI-Expanded)
- XIX. **A hardening nonlocal approach for vibration of axially loaded nanobeam with deformable boundaries**
UZUN B., CİVALEK Ö., YAYLI M. Ö.
Acta Mechanica, vol.234, no.5, pp.2205-2222, 2023 (SCI-Expanded)
- XX. **Higher order finite element models for transient analysis of strain gradient functionally graded microplates**
Karamanli A., Vo T. P., CİVALEK Ö.
European Journal of Mechanics, A/Solids, vol.99, 2023 (SCI-Expanded)
- XXI. **An improved first-order mixed plate element for static bending and free vibration analysis of functionally graded sandwich plates**
Van Vinh P., Belarbi M., AVCAR M., CİVALEK Ö.
Archive of Applied Mechanics, vol.93, no.5, pp.1841-1862, 2023 (SCI-Expanded)
- XXII. **An Accurate Computational Method for Buckling of Orthotropic Composite Plate with Non-Classical Boundary Restraints**
Zhang J., Zhao Q., Ullah S., Zhao D., Qi W., CİVALEK Ö.
International Journal of Structural Stability and Dynamics, vol.23, no.7, 2023 (SCI-Expanded)
- XXIII. **Natural frequency investigation of graphene oxide powder nanocomposite cylindrical shells surrounded by Winkler/Pasternak/Kerr elastic foundations with a focus on various boundary conditions**
Sobhani E., Koohestani M., CİVALEK Ö., AVCAR M.
Engineering Analysis with Boundary Elements, vol.149, pp.38-51, 2023 (SCI-Expanded)
- XXIV. **Torsional and axial vibration of restrained saturated nanorods via strain gradient elasticity**
UZUN B., CİVALEK Ö., YAYLI M. Ö.
Archive of Applied Mechanics, vol.93, no.4, pp.1605-1630, 2023 (SCI-Expanded)
- XXV. **Dynamic stability of hybrid fiber/nanocomposite-reinforced toroidal shells subjected to the periodic axial and pressure loadings**

- Shahmohammadi M. A., Mirfatah S. M., Salehipour H., Azhari F., Civalek O.
MECHANICS OF ADVANCED MATERIALS AND STRUCTURES, vol.30, no.8, pp.1574-1590, 2023 (SCI-Expanded)
- XXVI. **Bending and free vibration analysis of porous functionally graded sandwich plate with various porosity distributions using an extended layerwise theory**
Belarbi M., Daikh A. A., Garg A., Hirane H., Houari M. S. A., CİVALEK Ö., Chalak H.
Archives of Civil and Mechanical Engineering, vol.23, no.1, 2023 (SCI-Expanded)
- XXVII. **On a comprehensive analysis for mechanical problems of spherical structures**
Dastjerdi S., Alibakhshi A., AKGÖZ B., CİVALEK Ö.
International Journal of Engineering Science, vol.183, 2023 (SCI-Expanded)
- XXVIII. **Critical buckling loads of embedded perforated microbeams with arbitrary boundary conditions via an efficient solution method**
UZUN B., CİVALEK Ö., Yaylı M. Ö.
Zeitschrift für Naturforschung - Section A Journal of Physical Sciences, vol.78, no.2, pp.195-207, 2023 (SCI-Expanded)
- XXIX. **On vibrational-based numerical simulation of a jet engine cowl shell-like structure**
Sobhani E., Masoodi A. R., CİVALEK Ö.
Mechanics of Advanced Materials and Structures, vol.30, no.19, pp.4016-4027, 2023 (SCI-Expanded)
- XXX. **The influence of non-linear carbon nanotube reinforcement on the natural frequencies of composite beams**
AVCAR M., Hadji L., CİVALEK Ö.
Advances in Nano Research, vol.14, no.5, pp.421-433, 2023 (SCI-Expanded)
- XXXI. **Nonlinear stability analysis of embedded restrained nanobeams using the Stokes' transformation**
UZUN B., CİVALEK Ö., YAYLI M. Ö.
Mechanics Based Design of Structures and Machines, 2023 (SCI-Expanded)
- XXXII. **Torsional static and free vibration analysis of noncircular short-fiber-reinforced microwires with arbitrary boundary conditions**
CİVALEK Ö., UZUN B., YAYLI M. Ö.
Polymer Composites, 2023 (SCI-Expanded)
- XXXIII. **Thermal buckling analysis of a saturated porous thick nanobeam with arbitrary boundary conditions**
CİVALEK Ö., UZUN B., YAYLI M. Ö.
Journal of Thermal Stresses, vol.46, no.1, pp.1-21, 2023 (SCI-Expanded)
- XXXIV. **On nonlinear forced vibration of micro scaled panels**
Shahmohammadi M. A., Mirfatah S. M., Salehipour H., CİVALEK Ö.
International Journal of Engineering Science, vol.182, 2023 (SCI-Expanded)
- XXXV. **Viscoelasticity in Large Deformation Analysis of Hyperelastic Structures**
Dastjerdi S., AKGÖZ B., CİVALEK Ö.
Materials, vol.15, no.23, 2022 (SCI-Expanded)
- XXXVI. **Size dependent torsional vibration of a restrained single walled carbon nanotube (SWCNT) via nonlocal strain gradient approach**
CİVALEK Ö., UZUN B., YAYLI M. Ö.
Materials Today Communications, vol.33, 2022 (SCI-Expanded)
- XXXVII. **Buckling Analysis of Functionally Graded Tapered Microbeams via Rayleigh-Ritz Method**
AKGÖZ B., CİVALEK Ö.
Mathematics, vol.10, no.23, 2022 (SCI-Expanded)
- XXXVIII. **Nonlinear analysis of fiber-reinforced folded shells enriched by nano-additives using a coupled FEM-IGA formulation**
Amin Shahmohammadi M., Azhari M., Salehipour H., Fantuzzi N., Amabili M., CİVALEK Ö.
Composite Structures, vol.301, 2022 (SCI-Expanded)
- XXXIX. **Nonlocal strain gradient approach for axial vibration analysis of arbitrary restrained nanorod**
UZUN B., CİVALEK Ö., YAYLI M. Ö.
Journal of the Brazilian Society of Mechanical Sciences and Engineering, vol.44, no.11, 2022 (SCI-Expanded)

- XL. **Wave propagation analysis of sandwich FGM nanoplate surrounded by viscoelastic foundation**
Eyvazian A., Zhang C., CİVALEK Ö., Khan A., Sebaey T. A., Farouk N.
Archives of Civil and Mechanical Engineering, vol.22, no.4, 2022 (SCI-Expanded)
- XLl. **Size-dependent dynamic stability of nanocomposite enriched micro-shell panels in thermal environment using the modified couple stress theory**
Mirfatah S. M., Shahmohammadi M. A., Salehipour H., CİVALEK Ö.
Engineering Analysis with Boundary Elements, vol.143, pp.483-500, 2022 (SCI-Expanded)
- XLII. **Interaction of the lateral buckling strength with the axial load for FG micro-sized I-section beam-columns**
Soltani M., Soltani A., CİVALEK Ö.
Thin-Walled Structures, vol.179, 2022 (SCI-Expanded)
- XLIII. **A Novel Nonlinear Elasticity Approach for Analysis of Nonlinear and Hyperelastic Structures**
Dastjerdi S., Alibakhshi A., AKGÖZ B., CİVALEK Ö.
Engineering Analysis with Boundary Elements, vol.143, pp.219-236, 2022 (SCI-Expanded)
- XLIV. **Geometrically nonlinear electro-thermo-static analysis of piezoelectric/CNT/GPL/fibre/polymer sandwich panels with double curvature resting on elastic foundation**
Emadi S., Badarloo B., Tayebikhorami S., Salehipour H., CİVALEK Ö.
Composite Structures, vol.295, 2022 (SCI-Expanded)
- XLV. **Hyperelastic Microcantilever AFM: Efficient Detection Mechanism Based on Principal Parametric Resonance**
Alibakhshi A., Rahmanian S., Dastjerdi S., Malikan M., Karami B., AKGÖZ B., CİVALEK Ö.
Nanomaterials, vol.12, no.15, 2022 (SCI-Expanded)
- XLVI. **Nonlocal thermoelastic vibration of a solid medium subjected to a pulsed heat flux via Caputo-Fabrizio fractional derivative heat conduction**
Abouelregal A. E., AKGÖZ B., CİVALEK Ö.
Applied Physics A: Materials Science and Processing, vol.128, no.8, 2022 (SCI-Expanded)
- XLVII. **Nonlinear forced vibration analysis of laminated composite doubly-curved shells enriched by nanocomposites incorporating foundation and thermal effects**
Badarloo B., Tayebikhorami S., Mirfatah S. M., Salehipour H., CİVALEK Ö.
Aerospace Science and Technology, vol.127, 2022 (SCI-Expanded)
- XLVIII. **Novel size-dependent finite element formulation for modal analysis of cracked nanorods**
Numanoğlu H. M., CİVALEK Ö.
Materials Today Communications, vol.31, 2022 (SCI-Expanded)
- XLIX. **Torsional and longitudinal vibration analysis of a porous nanorod with arbitrary boundaries**
CİVALEK Ö., UZUN B., YAYLI M. Ö.
Physica B: Condensed Matter, vol.633, 2022 (SCI-Expanded)
- L. **Natural frequency analysis of FG-GOP/ polymer nanocomposite spheroid and ellipsoid doubly curved shells reinforced by transversely-isotropic carbon fibers**
Sobhani E., Masoodi A. R., CİVALEK Ö., AVCAR M.
Engineering Analysis with Boundary Elements, vol.138, pp.369-389, 2022 (SCI-Expanded)
- LI. **Parametric vibration of a dielectric elastomer microbeam resonator based on a hyperelastic cosserat continuum model**
Alibakhshi A., Dastjerdi S., AKGÖZ B., CİVALEK Ö.
COMPOSITE STRUCTURES, vol.287, 2022 (SCI-Expanded)
- LII. **An eigenvalue solution for torsional vibrations of restrained porous nanorods using doublet mechanics theory**
CİVALEK Ö., UZUN B., YAYLI M. Ö.
JOURNAL OF THE BRAZILIAN SOCIETY OF MECHANICAL SCIENCES AND ENGINEERING, vol.44, no.4, 2022 (SCI-Expanded)
- LIII. **An effective analytical method for buckling solutions of a restrained FGM nonlocal beam**
CİVALEK Ö., UZUN B., YAYLI M. Ö.

COMPUTATIONAL & APPLIED MATHEMATICS, vol.41, no.2, 2022 (SCI-Expanded)

- LIV. **Finite element formulation for nano-scaled beam elements**
CİVALEK Ö., UZUN B., YAYLI M. Ö.
ZAMM-ZEITSCHRIFT FÜR ANGEWANDTE MATHEMATIK UND MECHANIK, vol.102, no.3, 2022 (SCI-Expanded)
- LV. **Dynamic Analysis of Functionally Graded Porous Microbeams under Moving Load**
Akbaş Ş. D., Dastjerdi S., AKGÖZ B., CİVALEK Ö.
Transport in Porous Media, vol.142, no.1-2, pp.209-227, 2022 (SCI-Expanded)
- LVI. **Thermo-elastic damped nonlinear dynamic response of the initially stressed hybrid GPL/CNT/fiber/polymer composite toroidal shells surrounded by elastic foundation**
Mirfatah S. M., Tayebikhorami S., Shahmohammadi M. A., Salehipour H., CİVALEK Ö.
COMPOSITE STRUCTURES, vol.283, 2022 (SCI-Expanded)
- LVII. **Buckling and free vibrations of CNT-reinforced cross-ply laminated composite plates**
Civalek O., Dastjerdi S., AKGÖZ B.
MECHANICS BASED DESIGN OF STRUCTURES AND MACHINES, vol.50, no.6, pp.1914-1931, 2022 (SCI-Expanded)
- LVIII. **An analytical solution for vibration response of CNT/GPL/fibre/polymer hybrid composite micro/nanoplates**
Salehipour H., Shahmohammadi M. A., Folkow P. D., CİVALEK Ö.
Mechanics of Advanced Materials and Structures, 2022 (SCI-Expanded)
- LIX. **Torsional vibrations of functionally graded restrained nanotubes**
CİVALEK Ö., UZUN B., YAYLI M. Ö.
EUROPEAN PHYSICAL JOURNAL PLUS, vol.137, no.1, 2022 (SCI-Expanded)
- LX. **Axial and torsional free vibrations of restrained single-walled boron nitride nanotube (SWBNNT) embedded in an elastic medium via nonlocal strain gradient theory**
UZUN B., CİVALEK Ö., YAYLI M. Ö.
Waves in Random and Complex Media, 2022 (SCI-Expanded)
- LXI. **A Fourier sine series solution of static and dynamic response of nano/micro micro-scaled FG rod under torsional effect**
CİVALEK Ö., UZUN B., YAYLI M. Ö.
Advances in Nano Research, vol.12, no.5, pp.467-482, 2022 (SCI-Expanded)
- LXII. **Static deflection and free vibration analysis of functionally graded and porous cylindrical micro/nano shells based on the three-dimensional elasticity and modified couple stress theories**
Salehipour H., Shahgholian-Ghahfarokhi D., Shamsavar A., CİVALEK Ö., Edalati M.
MECHANICS BASED DESIGN OF STRUCTURES AND MACHINES, vol.50, no.6, pp.2184-2205, 2022 (SCI-Expanded)
- LXIII. **On the deformation and frequency analyses of SARS-CoV-2 at nanoscale**
Dastjerdi S., Malikan M., AKGÖZ B., CİVALEK Ö., Wiczenbach T., Eremeyev V. A.
International Journal of Engineering Science, vol.170, 2022 (SCI-Expanded)
- LXIV. **A new heat conduction model for viscoelastic micro beams considering the magnetic field and thermal effects**
Abouelregal A. E., ERSOY H., CİVALEK Ö.
WAVES IN RANDOM AND COMPLEX MEDIA, 2021 (SCI-Expanded)
- LXV. **Longitudinal vibration analysis of FG nanorod restrained with axial springs using doublet mechanics**
CİVALEK Ö., UZUN B., YAYLI M. Ö.
WAVES IN RANDOM AND COMPLEX MEDIA, 2021 (SCI-Expanded)
- LXVI. **Higher-order time-differential heat transfer model with three-phase lag including memory-dependent derivatives**
Abouelregal A. E., CİVALEK Ö., ÖZTOP H. F.
INTERNATIONAL COMMUNICATIONS IN HEAT AND MASS TRANSFER, vol.128, 2021 (SCI-Expanded)
- LXVII. **Derivation of nonlocal FEM formulation for thermo-elastic Timoshenko beams on elastic matrix**
Numanoglu H. M., Ersoy H., Civalek O., Ferreira A. J. M.
COMPOSITE STRUCTURES, vol.273, 2021 (SCI-Expanded)
- LXVIII. **An accurate numerical approach for studying perovskite solar cells**

- Ragb O., Mohamed M., Matbuly M. S., CİVALEK Ö.
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, vol.45, no.11, pp.16456-16477, 2021 (SCI-Expanded)
- LXIX. **On the mechanical analysis of microcrystalline cellulose sheets**
DASTJERDI S., NAEIJIAN F., AKGÖZ B., CİVALEK Ö.
INTERNATIONAL JOURNAL OF ENGINEERING SCIENCE, vol.166, 2021 (SCI-Expanded)
- LXX. **On the generalized model of shell structures with functional cross-sections**
DASTJERDI S., MALIKAN M., EREMEYEV V. A., AKGÖZ B., CİVALEK Ö.
COMPOSITE STRUCTURES, vol.272, 2021 (SCI-Expanded)
- LXXI. **Solution of Moore-Gibson-Thompson Equation of an Unbounded Medium with a Cylindrical Hole**
Abouelregal A. E., ERSOY H., CİVALEK Ö.
MATHEMATICS, vol.9, no.13, 2021 (SCI-Expanded)
- LXXII. **Dynamic Analysis of a Fiber-Reinforced Composite Beam under a Moving Load by the Ritz Method**
Albas S. D., ERSOY H., AKGÖZ B., CİVALEK Ö.
MATHEMATICS, vol.9, no.9, 2021 (SCI-Expanded)
- LXXIII. **Forced Vibration Analysis of Composite Beams Reinforced by Carbon Nanotubes**
Civalek O., Akbas S. D., AKGÖZ B., DASTJERDI S.
NANOMATERIALS, vol.11, no.3, 2021 (SCI-Expanded)
- LXXIV. **Mechanical simulation of artificial gravity in torus-shaped and cylindrical spacecraft**
DASTJERDI S., MALIKAN M., EREMEYEV V. A., AKGÖZ B., Civalek O.
ACTA ASTRONAUTICA, vol.179, pp.330-344, 2021 (SCI-Expanded)
- LXXV. **Vibration analysis of carbon nanotube-reinforced composite microbeams**
Civalek O., Dastjerdi S., Akbas S. D., AKGÖZ B.
MATHEMATICAL METHODS IN THE APPLIED SCIENCES, 2021 (SCI-Expanded)
- LXXVI. **On the shell model for human eye in Glaucoma disease**
DASTJERDI S., AKGÖZ B., Civalek O.
INTERNATIONAL JOURNAL OF ENGINEERING SCIENCE, vol.158, 2021 (SCI-Expanded)
- LXXVII. **On the non-linear dynamics of torus-shaped and cylindrical shell structures**
Dastjerdi S., AKGÖZ B., Civalek O., MALIKAN M., EREMEYEV V. A.
INTERNATIONAL JOURNAL OF ENGINEERING SCIENCE, vol.156, 2020 (SCI-Expanded)
- LXXVIII. **Application of Chebyshev-Ritz method for static stability and vibration analysis of nonlocal microstructure-dependent nanostructures**
EBRAHIMI F., BARATI M. R., CİVALEK Ö.
ENGINEERING WITH COMPUTERS, vol.36, no.3, pp.953-964, 2020 (SCI-Expanded)
- LXXIX. **Size-dependent transverse and longitudinal vibrations of embedded carbon and silica carbide nanotubes by nonlocal finite element method**
Civalek O., UZUN B., YAYLI M. Ö., AKGÖZ B.
EUROPEAN PHYSICAL JOURNAL PLUS, vol.135, no.4, 2020 (SCI-Expanded)
- LXXX. **On the effect of viscoelasticity on behavior of gyroscopes**
Dastjerdi S., AKGÖZ B., Civalek O.
INTERNATIONAL JOURNAL OF ENGINEERING SCIENCE, vol.149, 2020 (SCI-Expanded)
- LXXXI. **3-D magneto-electro-thermal analysis of layered nanoplate including porous core nanoplate and piezomagnetic face-sheets**
AREFI M., KIANI M., CİVALEK Ö.
APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING, vol.126, no.1, 2020 (SCI-Expanded)
- LXXXII. **Vibration analysis of magnetically affected graphene oxide-reinforced nanocomposite beams**
Ebrahimi F., Dabbagh A., CİVALEK Ö.
JOURNAL OF VIBRATION AND CONTROL, vol.25, no.23-24, pp.2837-2849, 2019 (SCI-Expanded)
- LXXXIII. **On the dynamics of small-sized structures**
Numanoglu H. M., CİVALEK Ö.
INTERNATIONAL JOURNAL OF ENGINEERING SCIENCE, vol.145, 2019 (SCI-Expanded)
- LXXXIV. **On the torsional vibration of nanorods surrounded by elastic matrix via nonlocal FEM**

- Numanoglu H. M., CİVALEK Ö.
INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES, vol.161, 2019 (SCI-Expanded)
- LXXXV. **On dynamic instability of magnetically embedded viscoelastic porous FG nanobeam**
Jalaei M. H., CİVALEK Ö.
INTERNATIONAL JOURNAL OF ENGINEERING SCIENCE, vol.143, pp.14-32, 2019 (SCI-Expanded)
- LXXXVI. **Buckling analysis of graphene oxide powder-reinforced nanocomposite beams subjected to non-uniform magnetic field**
Ebrahimir F., Nouraeil M., Dabbagh A., CİVALEK Ö.
STRUCTURAL ENGINEERING AND MECHANICS, vol.71, no.4, pp.351-361, 2019 (SCI-Expanded)
- LXXXVII. **Free vibration and static deflection analysis of functionally graded and porous micro/nanoshells with clamped and simply supported edges**
Salehipour H., Shahsavari A., CİVALEK Ö.
COMPOSITE STRUCTURES, vol.221, 2019 (SCI-Expanded)
- LXXXVIII. **A nonlocal strain gradient refined plate theory for dynamic instability of embedded graphene sheet including thermal effects**
Jalaei M. H., CİVALEK Ö.
COMPOSITE STRUCTURES, vol.220, pp.209-220, 2019 (SCI-Expanded)
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