

Prof. NURİ KURUOĞLU

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International Researcher IDs

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Education Information

Doctorate, Firat University, Fen Fakültesi, Matematik Bölümü, Turkey 1977 - 1980

Postgraduate, Dicle University, Fen Fakültesi, Matematik Bölümü, Turkey 1975 - 1977

Undergraduate Minor, Ege University, Fen Fakültesi, Astronomi Ve Uzay Bilimleri Bölümü, Turkey 1968 - 1972

Undergraduate, Ege University, Fen Fakültesi, Matematik Bölümü, Turkey 1968 - 1972

Dissertations

Postgraduate, Manifoldlar Üzerinde Kovaryant Türevler ve Tensör Alanları, Dicle University, Fen Fakültesi, Matematik Bölümü, 2018

Doctorate, Çift Şemsiyeli Matris Lie Grupları, Firat University, Fen Fakültesi, Matematik Bölümü, 1980

Academic Titles / Tasks

Professor, Istanbul Gelisim University, Mühendislik-Mimarlık Fakültesi, İnşaat Mühendisliği Bölümü, 2015 - Continues

Professor, Bahcesehir University, Fen-Edebiyat Fakültesi, Matematik-Bilgisayar Bölümü, 2004 - 2015

Professor, Ondokuz Mayıs University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 1998 - 2004

Professor, Ondokuz Mayıs University, Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, 1993 - 1998

Associate Professor, Ondokuz Mayıs University, Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, 1987 - 1993

Assistant Professor, Ondokuz Mayıs University, Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, 1986 - 1987

Assistant Professor, Inonu University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 1982 - 1986

Academic and Administrative Experience

Istanbul Gelisim University, 2018 - Continues

Istanbul Gelisim University, 2016 - Continues

Istanbul Gelisim University, 2016 - Continues

Member of the Senate, Istanbul Gelisim University, 2015 - Continues

Istanbul Gelisim University, 2015 - 2019

Istanbul Gelisim University, 2015 - 2018

Bahcesehir University, 2011 - 2014

Bahcesehir University, 2004 - 2010

Ondokuz Mayıs University, 1998 - 2003

Ondokuz Mayıs University, 1998 - 2000

Ondokuz Mayıs University, 1996 - 2000
Dean, Ondokuz Mayıs University, 1998 - 1998
Ondokuz Mayıs University, 1986 - 1998
Director Of Junior College, Ondokuz Mayıs University, 1988 - 1992
Inonu University, 1982 - 1985

Courses

INS687 Seminer, Postgraduate, 2018 - 2019
ISF Dönem Projesi, Postgraduate, 2018 - 2019
MKF587 Teze Giriş ve Seminer, Postgraduate, 2018 - 2019
INF587 Teze Giriş ve Seminer, Postgraduate, 2018 - 2019
EEF587 Teze Giriş ve Seminer, Postgraduate, 2018 - 2019
MAT104 Lineer Cebir, Undergraduate, 2018 - 2019, 2017 - 2018, 2015 - 2016
MAT213 LİNEER CEBİR, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016
MAT105 Matematik I, Undergraduate, 2015 - 2016
MAT103 Matematik / Grup 1, Undergraduate, 2015 - 2016
MAT103 Matematik / Grup 2, Undergraduate, 2015 - 2016
MAT105 Matematik I / Grup 1, Undergraduate, 2015 - 2016
INF561 İleri Mühendislik Matematiği, Undergraduate, 2015 - 2016
MAT3006 Differential Geometry II, Undergraduate, 2013 - 2014
MAT6028 Geometriden seçme konular, Doctorate, 2013 - 2014
MAT4011 Seminar I, Undergraduate, 2013 - 2014
MAR4012 Seminar II, Undergraduate, 2013 - 2014
MAT3005 Differential Geometry I, Undergraduate, 2013 - 2014

Advising Theses

NURİ K., Q-üstel fonksiyonların incelenmesi, Postgraduate, S.SEVDİBULDU(Student), 2018
NURİ K., Temel hipergeometrik fonksiyonlar ve bazı özellikleri, Postgraduate, S.HARDAL(Student), 2016
NURİ K., 3-boyutlu Lorentz uzayında uzay hareketleri ve holditch-tipi teoremler, Doctorate, H.YILDIRIM(Student), 2010
NURİ K., Homotetik hareketler altında Holditch teoreminin iki kapalı eğriye ve bir açık eğriye (Holditch hilalleri) genelleştirilmesi, Doctorate, S.YÜCE(Student), 2004
NURİ K., Homotetik uzay hareketleri ve Holditch teoremi, Doctorate, M.DÜLDÜL(Student), 2004
NURİ K., IRnv yarı-öklidiyen uzayında $(k+1)$ -boyutlu yarı-regle yüzeylerin eğrilikleri ve bazı karakterizasyonları, Postgraduate, S.CAN(Student), 2002
NURİ K., IRnv yarı-öklidiyen uzayında yarı-hiperregle yüzeylerin cebirsel değişmezleri, Postgraduate, B.UYAR(Student), 2002
NURİ K., IL3 Lorentz uzayında bertrand regle yüzey çiftleri, Doctorate, E.KASAP(Student), 2000
NURİ K., Kompleks düzlemde 1-parametrelili hareketler ve Holditch Teoremi, Postgraduate, M.DÜLDÜL(Student), 2000
NURİ K., Lorentz uzayında homoteti ve konneksiyon koruyan dönüşümler, Postgraduate, S.YÜCE(Student), 1999
NURİ K., Genelleştirilmiş paralel p-equidistant regle yüzeyler, Doctorate, M.BAYKUT(Student), 1997
NURİ K., Bertrand regle yüzey çiftleri ile ilgili yeni karakteristik özellikleri, Postgraduate, E.KASAP(Student), 1996
NURİ K., IL3 lorentz uzayında küresel eğriler ve joachimsthal teoremi, Doctorate, A.TUTAR(Student), 1994
NURİ K., Hiperinvers yüzeylerin bazı karakteristik özellikleri, Doctorate, A.SARIOĞLUGİL(Student), 1994
NURİ K., Paralel P-Aquidistante regle yüzeylerinin bazı yeni karakteristik özellikleri, Postgraduate, M.BAYKUT(Student), 1994
NURİ K., nE de simetrik homotetik hareketlere iştirak eden genelleştirilmiş regle yüzey çiftlerinin integral invaryantları ve kesit eğrilikleri, Postgraduate, İ.AYDEMİR(Student), 1992

NURİ K., Üç boyutlu öklid uzayı E3 de pedal eğrileri ve pedal yüzeylerinin bazı özellikleri, Postgraduate, A.SARIOĞLUGİL(Student), 1991
NURİ K., Matris lie grupları üzerine, Postgraduate, R.GÜNEŞ(Student), 1986

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Influences of elastic foundations on the nonlinear free vibration of composite shells containing carbon nanotubes within shear deformation theory**
Avey M., Fantuzzi N., Sofiyev A., Kuruoglu N.
Composite Structures, vol.286, 2022 (SCI-Expanded)
- II. **Influences of elastic foundations and thermal environments on the thermoelastic buckling of nanocomposite truncated conical shells**
Avey M., Sofiyev A., Kuruoglu N.
Acta Mechanica, vol.233, no.2, pp.685-700, 2022 (SCI-Expanded)
- III. **On the primary resonance of non-homogeneous orthotropic structures with viscous damping within shear deformation theory**
Sofiyev A., Turan F., Kuruoğlu N.
Thin-Walled Structures, vol.171, 2022 (SCI-Expanded)
- IV. **An approach to the solution of nonlinear forced vibration problem of structural systems reinforced with advanced materials in the presence of viscous damping**
Sofiyev A., Avey M., Kuruoglu N.
Mechanical Systems and Signal Processing, vol.161, 2021 (SCI-Expanded)
- V. **Primary resonance of double-curved nanocomposite shells using nonlinear theory and multi-scales method: Modeling and analytical solution**
Avey M., Sofiyev A., Fantuzzi N., Kuruoglu N.
International Journal of Non-Linear Mechanics, vol.137, 2021 (SCI-Expanded)
- VI. **Nonlinear vibration of multilayer shell-type structural elements with double curvature consisting of CNT patterned layers within different theories**
Avey M., Fantuzzi N., Sofiyev A., Kuruoglu N.
Composite Structures, vol.275, 2021 (SCI-Expanded)
- VII. **Influences of material gradient and nonlinearity on the forced vibration of orthotropic shell structures**
Sofiyev A., Turan F., Kuruoglu N.
Composite Structures, vol.271, 2021 (SCI-Expanded)
- VIII. **Free vibration of thin-walled composite shell structures reinforced with uniform and linear carbon nanotubes: Effect of the elastic foundation and nonlinearity**
Avey M., Tornabene F., Dimitri R., Kuruoglu N.
Nanomaterials, vol.11, no.8, 2021 (SCI-Expanded)
- IX. **Modeling and solution of large amplitude vibration problem of construction elements made of nanocomposites using shear deformation theory**
Deniz A., Fantuzzi N., Sofiyev A. H., Kuruoglu N.
Materials, vol.14, no.14, 2021 (SCI-Expanded)
- X. **Influence of elastic foundations and carbon nanotube reinforcement on the hydrostatic buckling pressure of truncated conical shells**
Sofiyev A., Pirmamedov I., Kuruoglu N.
Applied Mathematics and Mechanics (English Edition), vol.41, no.7, pp.1011-1026, 2020 (SCI-Expanded)
- XI. **Buckling behavior of FG-CNT reinforced composite conical shells subjected to a combined loading**
Sofiyev A. H., Tornabene F., Dimitri R., Kuruoglu N.
Nanomaterials, vol.10, no.3, 2020 (SCI-Expanded)
- XII. **Dynamic behavior of FGM viscoelastic plates resting on elastic foundations**

Sofiyev A., Zerin Z., Kuruoglu N.

Acta Mechanica, vol.231, no.1, pp.1-17, 2020 (SCI-Expanded)

- XIII. **Energy harvesting techniques for wireless sensor networks/radio-frequency identification: A review**
Alsharif M. H., Kim S., Kuruoğlu N.
Symmetry, vol.11, no.7, 2019 (SCI-Expanded)
- XIV. **On the free vibration of orthotropic and inhomogeneous with spatial coordinates plates resting on the inhomogeneous viscoelastic foundation**
Hacıyev V., Sofiyev A., Kuruoglu N.
Mechanics of Advanced Materials and Structures, vol.26, no.10, pp.886-897, 2019 (SCI-Expanded)
- XV. **Free bending vibration analysis of thin bidirectionally exponentially graded orthotropic rectangular plates resting on two-parameter elastic foundations**
Hacıyev V., Sofiyev A., Kuruoglu N.
Composite Structures, vol.184, pp.372-377, 2018 (SCI-Expanded)
- XVI. **Determination of the excitation frequencies of laminated orthotropic non-homogeneous conical shells**
Sofiyev A., Kuruoglu N.
Composites Part B: Engineering, vol.132, pp.151-160, 2018 (SCI-Expanded)
- XVII. **On the 3-parameter spatial motions in lorentzian 3-space**
YILDIRIM H., Kuruoğlu N.
Filomat, vol.32, no.4, pp.1183-1192, 2018 (SCI-Expanded)
- XVIII. **Influences of elastic foundations and shear deformations on the buckling behavior of functionally graded material truncated conical shells under axial compression**
Sofiyev A. H., Kadioğlu F., KURUOĞLU N.
Mechanics of Advanced Materials and Structures, vol.24, no.16, pp.1353-1366, 2017 (SCI-Expanded)
- XIX. **Combined effects of transverse shear stresses and nonlinear elastic foundations on the nonlinear dynamic response of heterogeneous orthotropic cylindrical shells**
Sofiyev A., Kuruoglu N.
Composite Structures, vol.166, pp.153-162, 2017 (SCI-Expanded)
- XX. **Extension of the Darboux frame into Euclidean 4-space and its invariants**
DÜLDÜL M., UYAR DÜLDÜL B., Kuruoğlu N., Özdamar E.
Turkish Journal of Mathematics, vol.41, no.6, pp.1628-1639, 2017 (SCI-Expanded)
- XXI. **Thermoelastic buckling of FGM conical shells under non-linear temperature rise in the framework of the shear deformation theory**
Sofiyev A., Zerin Z., Kuruoglu N.
Composites Part B: Engineering, vol.108, pp.279-290, 2017 (SCI-Expanded)
- XXII. **The stability of FGM truncated conical shells under combined axial and external mechanical loads in the framework of the shear deformation theory**
Sofiyev A., KURUOĞLU N.
Composites Part B: Engineering, vol.92, pp.463-476, 2016 (SCI-Expanded)
- XXIII. **Combined effects of elastic foundations and shear stresses on the stability behavior of functionally graded truncated conical shells subjected to uniform external pressures**
Sofiyev A., Kuruoglu N.
Thin-Walled Structures, vol.102, pp.68-79, 2016 (SCI-Expanded)
- XXIV. **Domains of dynamic instability of FGM conical shells under time dependent periodic loads**
Sofiyev A., Kuruoglu N.
Composite Structures, vol.136, pp.139-148, 2016 (SCI-Expanded)
- XXV. **On Gosper's q-trigonometric function**
Belaghi M. J. S., Kuruoğlu N.
Journal of Computational Analysis and Applications, vol.20, no.2, pp.381-387, 2016 (SCI-Expanded)
- XXVI. **Combined effects of heterogeneity and non-linearity on the critical time parameters of orthotropic conical shells**

- AVEY A., KURUOĞLU N.
Composite Structures, vol.130, pp.163-173, 2015 (SCI-Expanded)
- XXVII. **Parametric instability of shear deformable sandwich cylindrical shells containing an FGM core under static and time dependent periodic axial loads**
AVEY A., KURUOĞLU N.
International Journal of Mechanical Sciences, vol.101-102, pp.114-123, 2015 (SCI-Expanded)
- XXVIII. **Buckling of non-homogeneous orthotropic conical shells subjected to combined load**
AVEY A., KURUOĞLU N.
Steel and Composite Structures, vol.19, no.1, pp.1-19, 2015 (SCI-Expanded)
- XXIX. **On the solution of the buckling problem of functionally graded truncated conical shells with mixed boundary conditions**
AVEY A., KURUOĞLU N.
Composite Structures, vol.123, pp.282-291, 2015 (SCI-Expanded)
- XXX. **On a problem of the vibration of functionally graded conical shells with mixed boundary conditions**
AVEY A., KURUOĞLU N.
Composites Part B: Engineering, vol.70, pp.122-130, 2015 (SCI-Expanded)
- XXXI. **Large-amplitude vibration of the geometrically imperfect FGM truncated conical shell**
AVEY A., KURUOĞLU N.
JVC/Journal of Vibration and Control, vol.21, no.1, pp.142-156, 2015 (SCI-Expanded)
- XXXII. **Influence of mixed boundary conditions and heterogeneity on the vibration behavior of orthotropic truncated conical shells**
AVEY A., Huseynov S., KURUOĞLU N.
Archives of Mechanics, vol.67, no.4, pp.331-348, 2015 (SCI-Expanded)
- XXXIII. **Dynamic instability of three-layered cylindrical shells containing an FGM interlayer**
AVEY A., KURUOĞLU N.
Thin-Walled Structures, vol.93, pp.10-21, 2015 (SCI-Expanded)
- XXXIV. **Buckling and vibration of shear deformable functionally graded orthotropic cylindrical shells under external pressures**
AVEY A., KURUOĞLU N.
Thin-Walled Structures, vol.78, pp.121-130, 2014 (SCI-Expanded)
- XXXV. **On the solution of nonlinear vibration of truncated conical shells covered by functionally graded coatings**
Najafov A., AVEY A., KURUOĞLU N.
Acta Mechanica, vol.225, no.2, pp.563-580, 2014 (SCI-Expanded)
- XXXVI. **Vibration analysis of nonhomogeneous orthotropic cylindrical shells including combined effect of shear deformation and rotary inertia**
Najafov A., AVEY A., KURUOĞLU N.
Meccanica, vol.49, no.10, pp.2491-2502, 2014 (SCI-Expanded)
- XXXVII. **Combined influences of shear deformation, rotary inertia and heterogeneity on the frequencies of cross-ply laminated orthotropic cylindrical shells**
AVEY A., KURUOĞLU N.
Composites Part B: Engineering, vol.66, pp.500-510, 2014 (SCI-Expanded)
- XXXVIII. **Non-linear buckling of an FGM truncated conical shell surrounded by an elastic medium**
AVEY A., KURUOĞLU N.
International Journal of Pressure Vessels and Piping, vol.107, pp.38-49, 2013 (SCI-Expanded)
- XXXIX. **Torsional vibration and stability of functionally graded orthotropic cylindrical shells on elastic foundations**
Najafov A., Avey A., Kuruoğlu N.
Meccanica, vol.48, no.4, pp.829-840, 2013 (SCI-Expanded)
- XL. **Effect of a functionally graded interlayer on the non-linear stability of conical shells in elastic medium**

AVEY A., KURUOĞLU N.

Composite Structures, vol.99, pp.296-308, 2013 (SCI-Expanded)

- XLII. **Torsional vibration and buckling of the cylindrical shell with functionally graded coatings surrounded by an elastic medium**
Avey A., Kuruoğlu N.
Composites Part B: Engineering, vol.45, no.1, pp.1133-1142, 2013 (SCI-Expanded)
- XLIII. **Buckling analysis of nonhomogeneous orthotropic thin-walled truncated conical shells in large deformation**
AVEY A., KURUOĞLU N.
Thin-Walled Structures, vol.62, pp.131-141, 2013 (SCI-Expanded)
- XLIV. **Vibration analysis of FGM truncated and complete conical shells resting on elastic foundations under various boundary conditions**
AVEY A., KURUOĞLU N.
Journal of Engineering Mathematics, vol.77, no.1, pp.131-145, 2012 (SCI-Expanded)
- XLV. **Effect of the two-parameter elastic foundation on the critical parameters of nonhomogeneous orthotropic shells**
AVEY A., Schnack E., Hacıyev V., KURUOĞLU N.
International Journal of Structural Stability and Dynamics, vol.12, no.5, 2012 (SCI-Expanded)
- XLVI. **Stress analysis of a substrate coated by nanomaterials with vacancies subjected to uniform extension load**
Alizada A., AVEY A., KURUOĞLU N.
Acta Mechanica, vol.223, no.7, pp.1371-1383, 2012 (SCI-Expanded)
- XLVII. **The effect of non-homogeneity on the non-linear buckling behavior of laminated orthotropic conical shells**
AVEY A., Najafov A., KURUOĞLU N.
Composites Part B: Engineering, vol.43, no.3, pp.1196-1206, 2012 (SCI-Expanded)
- XLVIII. **Natural frequency of laminated orthotropic shells with different boundary conditions and resting on the Pasternak type elastic foundation**
AVEY A., KURUOĞLU N.
Composites Part B: Engineering, vol.42, no.6, pp.1562-1570, 2011 (SCI-Expanded)
- XLIX. **Analytical solution of the dynamic behavior of non-homogeneous orthotropic cylindrical shells on elastic foundations under moving loads**
AVEY A., Halilov H., KURUOĞLU N.
Journal of Engineering Mathematics, vol.69, no.4, pp.359-371, 2011 (SCI-Expanded)
- L. **The non-linear buckling analysis of cross-ply laminated orthotropic truncated conical shells**
AVEY A., KURUOĞLU N.
Composite Structures, vol.93, no.11, pp.3006-3012, 2011 (SCI-Expanded)
- L. **Holditch theorem for the closed space curves in Lorentzian 3-space**
YILDIRIM H., YÜCE S., KURUOĞLU N.
Acta Mathematica Scientia, vol.31, no.1, pp.172-180, 2011 (SCI-Expanded)
- LI. **The vibration and stability of non-homogeneous orthotropic conical shells with clamped edges subjected to uniform external pressures**
AVEY A., KURUOĞLU N., Halilov H.
Applied Mathematical Modelling, vol.34, no.7, pp.1807-1822, 2010 (SCI-Expanded)
- LII. **On the solution of eigenvalue problems of laminated non-homogeneous orthotropic circular shells with clamped edges subjected to hydrostatic pressure**
AVEY A., KURUOĞLU N., Isayev F.
Acta Mechanica, vol.212, no.1-2, pp.93-114, 2010 (SCI-Expanded)
- LIIL. **Holditch theorem and Steiner formula for the planar hyperbolic motions**
YÜCE S., KURUOĞLU N.
Advances in Applied Clifford Algebras, vol.20, no.1, pp.195-200, 2010 (SCI-Expanded)

- LIV. **Buckling of FGM hybrid truncated conical shells subjected to hydrostatic pressure**
 AVEY A., KURUOĞLU N., Turkmen M.
 Thin-Walled Structures, vol.47, no.1, pp.61-72, 2009 (SCI-Expanded)
- LV. **Cauchy formulas for enveloping curves in the Lorentzian plane and Lorentzian kinematics**
 YÜCE S., KURUOĞLU N.
 Results in Mathematics, vol.54, no.1-2, pp.199-206, 2009 (SCI-Expanded)
- LVI. **The involute-evolute offsets of ruled surfaces**
 Kasap E., YÜCE S., KURUOĞLU N.
 Iranian Journal of Science and Technology, Transaction A: Science, vol.33, no.2, pp.195-201, 2009 (SCI-Expanded)
- LVII. **Holditch theorem and Steiner formula for the planar hyperbolic motions**
 YÜCE S., KURUOĞLU N.
 Advances in Applied Clifford Algebras, vol.19, no.1, pp.155-160, 2009 (SCI-Expanded)
- LVIII. **One-parameter plane hyperbolic motions**
 YÜCE S., KURUOĞLU N.
 Advances in Applied Clifford Algebras, vol.18, no.2, pp.279-285, 2008 (SCI-Expanded)
- LIX. **Steiner formula and Holditch-Type Theorems for homothetic Lorentzian motions**
 YÜCE S., KURUOĞLU N.
 Iranian Journal of Science and Technology, Transaction A: Science, vol.31, no.2, pp.207-212, 2007 (SCI-Expanded)
- LX. **On the generalizations of the polar inertia momentum of the closed curves obtained kinematically**
 YÜCE S., DÜLDÜL M., KURUOĞLU N.
 Studia Scientiarum Mathematicarum Hungarica, vol.42, no.1, pp.73-78, 2005 (SCI-Expanded)
- LXI. **The generalized Holditch Theorem for the homothetic motions on the planar kinematics**
 KURUOĞLU N., YÜCE S.
 Czechoslovak Mathematical Journal, vol.54, no.2, pp.337-340, 2004 (SCI-Expanded)
- LXII. **The generalization of Holditch theorem for closed space curves**
 DÜLDÜL M., KURUOĞLU N., Tutar A.
 ZAMM Zeitschrift für Angewandte Mathematik und Mechanik, vol.84, no.1, pp.60-64, 2004 (SCI-Expanded)
- LXIII. **Generalization of Steiner formula for the homothetic motions on the planar kinematics**
 KURUOĞLU N., DÜLDÜL M., Tutar A.
 Applied Mathematics and Mechanics (English Edition), vol.24, no.8, pp.945-949, 2003 (SCI-Expanded)
- LXIV. **Distribution of eigenvalues for the discontinuous boundary-value problem with functional-manypoint conditions**
 Mukhtarov O. S., Kandemir M., KURUOĞLU N.
 Israel Journal of Mathematics, vol.129, pp.143-156, 2002 (SCI-Expanded)
- LXV. **The Steiner formula and the Holditch theorem for the homothetic motions on the planar kinematics**
 Tutar A., KURUOĞLU N.
 Mechanism and Machine Theory, vol.34, no.1, pp.1-6, 1999 (SCI-Expanded)

Articles Published in Other Journals

- I. **Kabin Memurlarında Psikolojik Ayrıcalık ve İstismarcı Yönetimin Örgütsel Sapma Üzerindeki Etkisi**
 ULUFER KANSOY S., NALBANTOĞLU C. B.
 International Journal of Human Sciences, vol.20, no.4, pp.461-476, 2023 (Peer-Reviewed Journal)
- II. **Buckling analysis of shear deformable composite conical shells reinforced by CNTs subjected to combined loading on the two-parameter elastic foundation**
 Sofiyev A., Kuruoglu N.
 Defence Technology, vol.18, no.2, pp.205-218, 2022 (Scopus)
- III. **Addition theorem for exton's q-exponential functions**
 Belaghi M. J. S., Kuruoglu N.
 Journal of Computational Analysis and Applications, vol.28, no.3, pp.567-572, 2020 (Scopus)

- IV. **On timelike parallel pi-equidistant ruled surfaces with a timelike base curve in the Minkowski 3-space (Formula presented.)**
Masal M., KURUOĞLU N.
Boletim da Sociedade Paranaense de Matematica, vol.33, no.2, pp.133-141, 2015 (Scopus)
- V. **Some new characteristic properties of the A-Pedal hypersurfaces in E_{n+1}**
Sarioğlugil A., Tül S., KURUOĞLU N.
Missouri Journal of Mathematical Sciences, vol.24, no.2, pp.156-166, 2012 (Scopus)
- VI. **Computation of polar moments of inertia with holditch type theorem**
DÜLDÜL M., KURUOĞLU N.
Applied Mathematics E - Notes, vol.8, pp.271-278, 2008 (Scopus)
- VII. **On sectional curvatures of the generalized surfaces correspond to each other under symmetric helical motion of order k in the Euclidean space E_n**
Tosun M., KURUOĞLU N.
Carpathian Journal of Mathematics, vol.24, no.1, pp.130-138, 2008 (Scopus)
- VIII. **The polar moment of inertia of the projection curve**
DÜLDÜL M., KURUOĞLU N.
Applied Sciences, vol.10, pp.81-87, 2008 (Scopus)
- IX. **On the volume of the trajectory surfaces under the homothetic motions**
DÜLDÜL M., KURUOĞLU N.
Acta Mathematica Universitatis Comenianae, vol.76, no.2, pp.241-246, 2007 (Scopus)
- X. **The Holditch sickles for the open homothetic motions**
Yücet S., KURUOĞLU N.
Applied Mathematics E - Notes, vol.7, pp.175-178, 2007 (Scopus)
- XI. **On polar moments of inertia of Lorentzian circles**
YÜCE S., KURUOĞLU N.
Journal of Applied Sciences, vol.6, no.2, pp.383-386, 2006 (Scopus)
- XII. **The Steiner formulas for the open planar homothetic motions**
YÜCE S., KURUOĞLU N.
Applied Mathematics E - Notes, vol.6, pp.26-32, 2006 (Scopus)
- XIII. **A generalization of the Holditch Theorem for the planar homothetic motions**
YÜCE S., KURUOĞLU N.
Applications of Mathematics, vol.50, no.2, pp.87-91, 2005 (Scopus)
- XIV. **On the polar moment of inertia of the projection curve**
DÜLDÜL M., KURUOĞLU N.
Applied Mathematics E - Notes, vol.5, pp.124-128, 2005 (Scopus)
- XV. **Some properties of ruled surfaces under homothety in E_3**
Kasap E., YÜCE S., KURUOĞLU N.
Mathematical and Computational Applications, vol.7, no.3, pp.235-239, 2002 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **A Study on Mannheim Offsets of Ruled Surfaces**
ŞENTÜRK G. Y., YÜCE S., KURUOĞLU N.
16 th international geometry symposium, Manisa, Turkey, 4 - 07 July 2018
- II. **Derivative Equations of Timelike Ruled Surfaces in $R_{1,n}$**
AYDEMİR İ., KURUOĞLU N.
International Conference on Computational and Statistical Methods in Applied Sciences, Samsun, Turkey, 9 - 11 November 2017
- III. **Properties of the timelike ruled surfaces with Darboux frame in $E_{3,1}$**
ŞENTÜRK G. Y., YÜCE S., KURUOĞLU N.

15th International Geometry Symposium, Amasya, Turkey, 3 - 06 July 2017

IV. Properties of Integral Invariants of The Involute Evolute Offsets of Ruled Surfaces

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