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Eğitim Bilgileri

Doktora, Fırat Üniversitesi, Fen Fakültesi, Matematik Bölümü, Türkiye 1977 - 1980

Yüksek Lisans, Dicle Üniversitesi, Fen Fakültesi, Matematik Bölümü, Türkiye 1975 - 1977

Lisans Yandal, Ege Üniversitesi, Fen Fakültesi, Astronomi Ve Uzay Bilimleri Bölümü, Türkiye 1968 - 1972

Lisans, Ege Üniversitesi, Fen Fakültesi, Matematik Bölümü, Türkiye 1968 - 1972

Yaptığı Tezler

Yüksek Lisans, Manifoldlar Üzerinde Kovaryant Türevler ve Tensör Alanları, Dicle Üniversitesi, Fen Fakültesi, Matematik Bölümü, 2018

Doktora, Çift Şemsiyeli Matris Lie Grupları, Fırat Üniversitesi, Fen Fakültesi, Matematik Bölümü, 1980

Akademik Unvanlar / Görevler

Prof. Dr., İstanbul Gelişim Üniversitesi, Mühendislik-Mimarlık Fakültesi, İnşaat Mühendisliği Bölümü, 2015 - Devam Ediyor

Prof. Dr., Bahçeşehir Üniversitesi, Fen-Edebiyat Fakültesi, Matematik-Bilgisayar Bölümü, 2004 - 2015

Prof. Dr., Ondokuz Mayıs Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, 1998 - 2004

Prof. Dr., Ondokuz Mayıs Üniversitesi, Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, 1993 - 1998

Doç. Dr., Ondokuz Mayıs Üniversitesi, Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, 1987 - 1993

Yrd. Doç. Dr., Ondokuz Mayıs Üniversitesi, Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, 1986 - 1987

Yrd. Doç. Dr., İnönü Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, 1982 - 1986

Akademik İdari Deneyim

İstanbul Gelişim Üniversitesi, 2018 - Devam Ediyor

İstanbul Gelişim Üniversitesi, 2016 - Devam Ediyor

İstanbul Gelişim Üniversitesi, 2016 - Devam Ediyor

Senato Üyesi, İstanbul Gelişim Üniversitesi, 2015 - Devam Ediyor

İstanbul Gelişim Üniversitesi, 2015 - 2019

İstanbul Gelişim Üniversitesi, 2015 - 2018

Bahçeşehir Üniversitesi, 2011 - 2014

Bahçeşehir Üniversitesi, 2004 - 2010

Ondokuz Mayıs Üniversitesi, 1998 - 2003

Ondokuz Mayıs Üniversitesi, 1998 - 2000
Ondokuz Mayıs Üniversitesi, 1996 - 2000
Dekan, Ondokuz Mayıs Üniversitesi, 1998 - 1998
Ondokuz Mayıs Üniversitesi, 1986 - 1998
Yüksekokul Müdürü, Ondokuz Mayıs Üniversitesi, 1988 - 1992
İnönü Üniversitesi, 1982 - 1985

Verdiği Dersler

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

Yönetilen Tezler

NURİ K., Q-üstel fonksiyonların incelenmesi, Yüksek Lisans, S.SEVDİBULDU(Öğrenci), 2018
NURİ K., Temel hipergeometrik fonksiyonlar ve bazı özellikleri, Yüksek Lisans, S.HARDAL(Öğrenci), 2016
NURİ K., 3-boyutlu Lorentz uzayında uzay hareketleri ve holditch-tipi teoremler, Doktora, H.YILDIRIM(Öğrenci), 2010
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NURİ K., IL3 Lorentz uzayında bertrand regle yüzey çiftleri, Doktora, E.KASAP(Öğrenci), 2000
NURİ K., Kompleks düzlemde 1-parametreli hareketler ve Holditch Teoremi, Yüksek Lisans, M.DÜLDÜL(Öğrenci), 2000
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NURİ K., nE de simetrik homotetik hareketlere iştirak eden genellleştirilmiş regle yüzey çiftlerinin integral invaryantları

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A.SARIOĞLU(Öğrenci), 1991

NURİ K., Matris lie grupları üzerine, Yüksek Lisans, R.GÜNEŞ(Öğrenci), 1986

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- 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, cilt.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, cilt.233, sa.2, ss.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.
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- 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, cilt.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, cilt.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.
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- VII. **Influences of material gradient and nonlinearity on the forced vibration of orthotropic shell structures**
Sofiyev A., Turan F., Kuruoglu N.
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- 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, cilt.11, sa.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, cilt.14, sa.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), cilt.41, sa.7, ss.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, cilt.10, sa.3, 2020 (SCI-Expanded)

- XII. **Dynamic behavior of FGM viscoelastic plates resting on elastic foundations**
Sofiyev A., Zerin Z., Kuruoglu N.
Acta Mechanica, cilt.231, sa.1, ss.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, cilt.11, sa.7, 2019 (SCI-Expanded)
- XIV. **On the free vibration of orthotropic and inhomogeneous with spatial coordinates plates resting on the inhomogeneous viscoelastic foundation**
Haciye V., Sofiyev A., Kuruoglu N.
Mechanics of Advanced Materials and Structures, cilt.26, sa.10, ss.886-897, 2019 (SCI-Expanded)
- XV. **Free bending vibration analysis of thin bidirectionally exponentially graded orthotropic rectangular plates resting on two-parameter elastic foundations**
Haciye V., Sofiyev A., Kuruoglu N.
Composite Structures, cilt.184, ss.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, cilt.132, ss.151-160, 2018 (SCI-Expanded)
- XVII. **On the 3-parameter spatial motions in lorentzian 3-space**
YILDIRIM H., Kuruoğlu N.
Filomat, cilt.32, sa.4, ss.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, cilt.24, sa.16, ss.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, cilt.166, ss.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, cilt.41, sa.6, ss.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.
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- 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.
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- 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.
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- XXIV. **Domains of dynamic instability of FGM conical shells under time dependent periodic loads**
Sofiyev A., Kuruoglu N.
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- XXV. **On Gosper's q-trigonometric function**
Belaghi M. J. S., Kuruoğlu N.
Journal of Computational Analysis and Applications, cilt.20, sa.2, ss.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, cilt.130, ss.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, cilt.101-102, ss.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, cilt.19, sa.1, ss.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.
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- XXX. On a problem of the vibration of functionally graded conical shells with mixed boundary conditions**
 AVEY A., KURUOĞLU N.
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- XXXI. Large-amplitude vibration of the geometrically imperfect FGM truncated conical shell**
 AVEY A., KURUOĞLU N.
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- XXXII. Influence of mixed boundary conditions and heterogeneity on the vibration behavior of orthotropic truncated conical shells**
 AVEY A., Huseynov S., KURUOĞLU N.
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- XXXIII. Dynamic instability of three-layered cylindrical shells containing an FGM interlayer**
 AVEY A., KURUOĞLU N.
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- XXXIV. Buckling and vibration of shear deformable functionally graded orthotropic cylindrical shells under external pressures**
 AVEY A., KURUOĞLU N.
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- XXXV. On the solution of nonlinear vibration of truncated conical shells covered by functionally graded coatings**
 Najafov A., AVEY A., KURUOĞLU N.
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- XXXVI. Vibration analysis of nonhomogeneous orthotropic cylindrical shells including combined effect of shear deformation and rotary inertia**
 Najafov A., AVEY A., KURUOĞLU N.
 Meccanica, cilt.49, sa.10, ss.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, cilt.66, ss.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, cilt.107, ss.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, cilt.48, sa.4, ss.829-840, 2013 (SCI-Expanded)
- XL. Effect of a functionally graded interlayer on the non-linear stability of conical shells in elastic**

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AVEY A., KURUOĞLU N.

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- XLI. **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, cilt.45, sa.1, ss.1133-1142, 2013 (SCI-Expanded)

- XLII. **Buckling analysis of nonhomogeneous orthotropic thin-walled truncated conical shells in large deformation**

AVEY A., KURUOĞLU N.

Thin-Walled Structures, cilt.62, ss.131-141, 2013 (SCI-Expanded)

- XLIII. **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, cilt.77, sa.1, ss.131-145, 2012 (SCI-Expanded)

- XLIV. **Effect of the two-parameter elastic foundation on the critical parameters of nonhomogeneous orthotropic shells**

AVEY A., Schnack E., Haciye V., KURUOĞLU N.

International Journal of Structural Stability and Dynamics, cilt.12, sa.5, 2012 (SCI-Expanded)

- XLV. **Stress analysis of a substrate coated by nanomaterials with vacancies subjected to uniform extension load**

Alizada A., AVEY A., KURUOĞLU N.

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- XLVI. **The effect of non-homogeneity on the non-linear buckling behavior of laminated orthotropic conical shells**

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- XLVII. **Natural frequency of laminated orthotropic shells with different boundary conditions and resting on the Pasternak type elastic foundation**

AVEY A., KURUOĞLU N.

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- XLVIII. **Analytical solution of the dynamic behavior of non-homogenous orthotropic cylindrical shells on elastic foundations under moving loads**

AVEY A., Halilov H., KURUOĞLU N.

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- XLIX. **The non-linear buckling analysis of cross-ply laminated orthotropic truncated conical shells**

AVEY A., KURUOĞLU N.

Composite Structures, cilt.93, sa.11, ss.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, cilt.31, sa.1, ss.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, cilt.34, sa.7, ss.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, cilt.212, sa.1-2, ss.93-114, 2010 (SCI-Expanded)

- LIII. **Holditch theorem and Steiner formula for the planar hyperbolic motions**

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- Advances in Applied Clifford Algebras, cilt.20, sa.1, ss.195-200, 2010 (SCI-Expanded)
- LIV. **Buckling of FGM hybrid truncated conical shells subjected to hydrostatic pressure**
AVEY A., KURUOĞLU N., Turkmen M.
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- LV. **Cauchy formulas for enveloping curves in the Lorentzian plane and Lorentzian kinematics**
YÜCE S., KURUOĞLU N.
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- LVI. **The involute-evolute offsets of ruled surfaces**
Kasap E., YÜCE S., KURUOĞLU N.
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- LVII. **Holditch theorem and Steiner formula for the planar hyperbolic motions**
YÜCE S., KURUOĞLU N.
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- LVIII. **One-parameter plane hyperbolic motions**
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- LIX. **Steiner formula and Holditch-Type Theorems for homothetic Lorentzian motions**
YÜCE S., KURUOĞLU N.
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- LX. **On the generalizations of the polar inertia momentum of the closed curves obtained kinematically**
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- LXI. **The generalized Holditch Theorem for the homothetic motions on the planar kinematics**
KURUOĞLU N., YÜCE S.
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- LXII. **The generalization of Holditch theorem for closed space curves**
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- LXIII. **Generalization of Steiner formula for the homothetic motions on the planar kinematics**
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- LXIV. **Distribution of eigenvalues for the discontinuous boundary-value problem with functional-manypoint conditions**
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- LXV. **The Steiner formula and the Holditch theorem for the homothetic motions on the planar kinematics**
Tutar A., KURUOĞLU N.
Mechanism and Machine Theory, cilt.34, sa.1, ss.1-6, 1999 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Kabin Memurlarında Psikolojik Ayrıcalık ve İstismarçı Yönetimin Örgütsel Sapma Üzerindeki Etkisi**
ULUFER KANSOY S., NALBANTOĞLU C. B.
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- 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.
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- III. **Addition theorem for exton's q-exponential functions**
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- Journal of Computational Analysis and Applications, cilt.28, sa.3, ss.567-572, 2020 (Scopus)
- IV. **On timelike parallel pi-equidistant ruled surfaces with a timelike base curve in the Minkowski 3-space (Formula presented.)**
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- V. **Some new characteristic properties of the A-Pedal hypersurfaces in E_{n+1}**
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- VI. **Computation of polar moments of inertia with holditch type theorem**
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- 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**
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- VIII. **The polar moment of inertia of the projection curve**
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- IX. **On the volume of the trajectory surfaces under the homothetic motions**
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- X. **The Holditch sickles for the open homothetic motions**
 Yüçet S., KURUOĞLU N.
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