Prof. MURAT KEMAL KARACAN

Personal Information

Email: murat.karacan@usak.edu.tr
Web: https://avesis.usak.edu.tr/murat.karacan

International Researcher IDs
ORCID: 0000-0002-2832-9444
Publons / Web Of Science ResearcherID: AAH-6847-2019
Yoksis Researcher ID: 30856

Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 1997 - 2004
Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, Matematik (Yl) (Tezli), Turkey 1992 - 1995
Undergraduate, Erciyes University, Fen-Edebiyat Fakültesi, Matematik Pr., Turkey 1987 - 1991

Dissertations

Doctorate, İki parametreli hareketlerin kinematik uygulamaları, Ankara University, Fen Bilimleri Enstitüsü, Matematik (Dr), 2004
Postgraduate, Merkezi izdüşüm ve bu izdüşümde metrik tespitleri, Erciyes University, Fen Bilimleri Enstitüsü, Matematik (Yl) (Tezli), 1995

Academic Titles / Tasks

Professor, Usak University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2020 - Continues
Associate Professor, Usak University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2013 - 2020
Assistant Professor, Usak University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2008 - 2013
Research Assistant, Kahramanmaras Sutcu Imam University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2004 - 2008
Research Assistant, Ankara University, Fen Bilimleri Enstitüsü, Matematik (Dr), 1999 - 2004
Research Assistant, Kahramanmaras Sutcu Imam University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 1993 - 1999

Academic and Administrative Experience

Usak University, 2020 - Continues
Usak University, 2018 - Continues
Usak University, 2014 - Continues
Usak University, 2020 - 2023
Usak University, 2008 - 2014
Usak University, 2009 - 2011

Advising Theses

MURAT KEMAL K., Torsiyon ile modifiye edilmiş ortogonal çatıda eğriler ve regle yüzeyler, Doctorate, T.DEMİRKIRAN(Student), 2022

MURAT KEMAL K., Kontak geometride yüzeyler, Doctorate, H.İKİZ(Student), 2016

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Translation surfaces in affine 3-space**
    Lone M. S., KARACAN M. K., TUNÇER Y., ES H.
    Hacettepe Journal of Mathematics and Statistics, vol.49, no.6, pp.1944-1954, 2020 (SCI-Expanded)

II. **On Some Curves with Modified Orthogonal Frame in Euclidean 3-Space**
    Lone M. S., ES H., KARACAN M. K., Bukcu B.
    Iranian Journal of Science and Technology, Transaction A: Science, vol.43, no.4, pp.1905-1916, 2019 (SCI-Expanded)

III. **Characterizations of Adjoint Curves in Euclidean 3-Space**
    Nurkan S., Güven İ. A., KARACAN M. K.
    Proceedings of the National Academy of Sciences India Section A - Physical Sciences, vol.89, no.1, pp.155-161, 2019 (SCI-Expanded)

IV. **Mannheim curves with modified orthogonal frame in Euclidean 3-space**
    Lone M. S., ES H., KARACAN M. K., Bükcü B.
    Turkish Journal of Mathematics, vol.43, no.2, pp.648-663, 2019 (SCI-Expanded)

V. **Naturel mates of equiaffine space curves in affine 3-space**
    TUNÇER Y., Kocayigit H., KARACAN M. K.
    Thermal Science, vol.23, 2019 (SCI-Expanded)

VI. **On ruled surface in 3-dimensional almost contact metric manifold**
    KARACAN M. K., YÜKSEL N., Ikiz H.
    International Journal of Geometric Methods in Modern Physics, vol.14, no.5, 2017 (SCI-Expanded)

VII. **Translation surfaces of type 2 in the three dimensional simply isotropic space I_3^1**
    Bukcu B., KARACAN M. K., Yoon D. W.
    Bulletin of the Korean Mathematical Society, vol.54, no.3, pp.953-965, 2017 (SCI-Expanded)

VIII. **Translation surfaces in the 3-dimensional Galilean space satisfying $\Delta^{II} x_i = \lambda_i x_i$**
    Çakmak A., KARACAN M. K., KIZILTUĞ S., Yoon D. W.
    Bulletin of the Korean Mathematical Society, vol.54, no.4, pp.1241-1254, 2017 (SCI-Expanded)

IX. **Translation surfaces in the three-dimensional simply isotropic space I_3^1**
    KARACAN M. K., Yoon D. W., Bukcu B.
    International Journal of Geometric Methods in Modern Physics, vol.13, no.7, 2016 (SCI-Expanded)

Articles Published in Other Journals

I. **Spherical Curves with Modified Orthogonal Frame with Torsion**
    YÜKSEL N., KARACAN M. K., DEMİRKIRAN T.
    Turkish Journal of Science, vol.7, no.2, pp.177-184, 2022 (Peer-Reviewed Journal)

II. **On the Gauss Map of Tubular Surfaces in Pseudo Galilean 3-Space**
    TUNÇER Y., KARACAN M. K., Yoon D. W.
    Kyungpook Mathematical Journal, vol.62, no.3, pp.497-507, 2022 (ESCI)

III. **Some Affine Surfaces in Simply Isotropic 3-Space**
    SOLMAZ G., KARACAN M. K.
    Uşak Üniversitesi Fen ve Doğa Bilimleri Dergisi, vol.5, no.2, pp.165-171, 2021 (Peer-Reviewed Journal)

IV. **Surfaces generated by translation surfaces of type 1 in i_3^1**
    KARACAN M. K., Çakmak A., KIZILTUĞ S., ES H.

Iranian Journal of Mathematical Sciences and Informatics, vol.16, no.1, pp.123-135, 2021 (ESCI)

V. **CONVULATION OF LN-TRANSLATION SURFACES IN EUCLIDEAN 3-SPACE**
YÜKSEL N., KARACAN M. K., TUNÇER Y.
Acta Universitatis Apulensis, vol.2021, no.68, pp.13-23, 2021 (Peer-Reviewed Journal)

VI. **Surfaces of Revolution of Type 1 in Galilean 3-Space**
ÇAKMAK A., ES H., KIZILTUĞ S., KARACAN M. K.
KYUNGPOOK MATHEMATICAL JOURNAL, vol.60, pp.587-599, 2020 (ESCI)

VII. **Classification of Conformal Surfaces of Revolution in Hyperbolic 3-Space**
YÜKSEL N., KARACAN M. K.
FACTA UNIVERSITATIS-SERIES MATHEMATICS AND INFORMATICS, vol.35, no.2, pp.333-349, 2020 (ESCI)

VIII. **Canal surfaces in pseudo-galilean 3-spaces**
TUNÇER Y., KARACAN M. K.
Kyungpook Mathematical Journal, vol.60, no.2, pp.361-373, 2020 (ESCI)

IX. **Spherical Indicatrices of Involute of a Space Curve in Euclidean 3-Space**
TUNÇER Y., ÜNAL KARAÇAM S., KARACAN M. K.
TAMKANG JOURNAL OF MATHEMATICS, vol.51, no.2, pp.113-121, 20 (ESCI)

X. **Ruled Surfaces According to Parallel Trasport Frame in E4**
DAMAR E., YÜKSEL N., KARACAN M. K.
International Journal of Mathematical Combinatorics, vol.1, pp.20-32, 2020 (Peer-Reviewed Journal)

XI. **Classifications of conformal rotational surfaces in euclidean 3-space∗**
KARACAN M. K., TUNÇER Y., YÜKSEL N.
Applied Mathematics E - Notes, vol.20, pp.535-544, 2020 (ESCI)

XII. **LCN-translation surfaces in affine 3-space**
KARACAN M. K., YÜKSEL N., TUNÇER Y.
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.69, no.1, pp.461-472, 2020 (ESCI)

XIII. **Indicatrices of curves in affine 3-space**
TUNÇER Y., Kocayiğit H., KARACAN M. K., Ahsan Z.
Palestine Journal of Mathematics, vol.9, no.2, pp.858-865, 2020 (Scopus)

XIV. **Classification of Translation Surfaces of Type 1 in Semi-Isotropic Space**
ÇAKMAK A., KARACAN M. K., YÜKSEL N., KIZILTUĞ S.
Journal of Mathematical Extension, vol.13, no.2, pp.137-156, 2019 (Peer-Reviewed Journal)

XV. **Corrigendum to Translation Surfaces in the 3-Dimensional Simply Isotropic Satisfying**
BÜKCÜ B., YOON D. W., KARACAN M. K.
Konuralp Journal of Mathematics, vol.7, no.1, pp.233-234, 2019 (Peer-Reviewed Journal)

XVI. **Dual Surfaces Defined by z=f(u)g(v) in Simply Isotropic 3-Space I31**
ÇAKMAK A., KARACAN M. K., KIZILTUĞ S.
COMMUNICATIONS OF THE KOREAN MATHEMATICAL SOCIETY, vol.34, no.1, pp.267-277, 2019 (Scopus)

XVII. **Dual translation surfaces in the three dimensional simply isotropic space**
Lone M. S., KARACAN M. K.
Tamkang Journal of Mathematics, vol.49, no.1, pp.67-77, 2018 (Scopus)

XVIII. **Dual translation surfaces in the three dimensional simply isotropic space i1/3**
Lone M. S., KARACAN M. K.
Tamkang Journal of Mathematics, vol.49, no.1, pp.67-77, 2018 (Scopus)

XIX. **The Relation Between Base Curve of The Ruled Surface And Its Adjoint Curve**
YÜKSEL N., KARACAN M. K., BÜKCÜ B., İKİZ H.
Hadronic Press, Algebras Groups And Geometries, vol.34, no.2, pp.203-212, 2017 (Peer-Reviewed Journal)

XX. **Helicoidal surfaces in the three dimensional simply isotropic space ⟩31**
KARACAN M. K., Yoon D., KIZILTUĞ S.
Tamkang Journal of Mathematics, vol.48, no.2, pp.123-134, 2017 (Scopus)

XXI. **Surfaces of Revolution in the Three Dimensional Simply Isotropic Space**

KARACAN M. K., YOON D. W., BÜKCÜ B.

Asia Pacific Journal of Mathematics, vol.4, no.1, pp.1-10, 2017 (Peer-Reviewed Journal)

XXII. **Helicoidal Surfaces in the three dimensional Simply Isotropic space**

KARACAN M. K., YOON D. W., KIZILTUĞ S.

Tamkang Journal of Mathematics, vol.48, no.2, pp.123-134, 2017 (Peer-Reviewed Journal)

XXIII. **Non-null weakened mannheim curves in Minkowski 3-space**

TUNÇER Y., KARACAN M. K., Yoon D. W.

Analele Stiintifice ale Universitatii Al I Cuza din Iasi - Matematica, vol.63, no.F2, pp.403-412, 2017 (Scopus)

XXIV. **Weakened Mannheim curves in pseudo-Galilean 3-space**

KARACAN M. K., TUNÇER Y.

Thai Journal of Mathematics, vol.15, no.1, pp.141-151, 2017 (Scopus)

XXV. **Geodesics on rotational surfaces in pseudo-Galilean space**

Yoon D. W., KARACAN M. K., Bukcu B.

Journal of Geometry and Symmetry in Physics, vol.45, pp.87-94, 2017 (Scopus)

XXVI. **Classification of Some Special Types Ruled Surfaces in Simply Isotropic 3-Space**

KARACAN M. K., YOON D. W., YÜKSEL N.

Analele Universitati de Vest, Timişoara Seria Matematica- Informatica, vol.55, no.1, pp.87-98, 2017 (Peer-Reviewed Journal)

XXVII. **Darboux rotation axis of a null curve in Minkowski 3-space**

NURKAN S., KARACAN M. K., TUNÇER Y.

J. Math. Comput. Sci.,, vol.6, no.5, pp.706-711, 2016 (Peer-Reviewed Journal)

XXVIII. **Homothetic Bishop Motion of Euclidean Submanifoldsin Euclidean 3 Space**

TUNÇER Y., KARACAN M. K., Yoon D. W.

Palestine Journal of Mathematics, vol.2016, no.5(2), pp.183-194, 2016 (Peer-Reviewed Journal)

XXIX. **On Curves Of Constant Breadth In a 3 Dimensıonal Lıe Group**

Yoon D. W., TUNÇER Y., KARACAN M. K.

ACTA MATHEMATICA UNIVERSITATIS COMENIANAE, vol.85, no.1, pp.81-86, 2016 (Scopus)

XXX. **Spherical Curves with Modified Orthogonal Frame**

BÜKCÜ B., KARACAN M. K.

Journal of New Results in Science (JNRS), vol.5, no.10, pp.60-68, 2016 (Peer-Reviewed Journal)

XXXI. **On The Modified Orthogonal Frame with Curvature and Torsion in 3 Space**

BÜKCÜ B., KARACAN M. K.

Mathematical Sciences and Applications E-Notes, vol.4, no.1, pp.184-188, 2016 (Peer-Reviewed Journal)

XXXII. **Translation surfaces in the 3 Dimensional Simply Isotropic space Satisfying delta xi III lamba xi**

BÜKCÜ B., KARACAN M. K., YOON D. W.

Konuralp Journal of Mathematics, vol.4, no.1, pp.275-281, 2016 (Peer-Reviewed Journal)

XXXIII. **Characterization of the Parallel Curve of the Adjoint Curve in E3**

KESKİN Ö., YÜKSEL N., KARACAN M. K., İKİZ H.

General Mathematics Notes, vol.35, no.1, pp.9-18, 2016 (Peer-Reviewed Journal)

XXXIV. **Bäcklund transformations according to Bishop frame in E31**

KARACAN M. K., TUNÇER Y.

Acta et Commentationes Universitatis Tartuensis de Mathematica, vol.19, no.2, pp.75-85, 2015 (Scopus)

XXXV. **Backlund transformations According to Bishop Frame in Minkowski 3 Space**

KARACAN M. K., TUNÇER Y.

Acta et Commentationes Universitatis Tartuensis de Mathematica, 2015 (Peer-Reviewed Journal)

XXXVI. **Tubular surface of Weingarten Types in Minkowski 3 Space**

KARACAN M. K., YOON D. W., TUNÇER Y.

General Matematics Notes, vol.22, no.1, pp.44-56, 2014 (Peer-Reviewed Journal)

XXXVII. **Ruled Weingarten Surfaces Related to Dual Spherical Curves**

Karacan M. K., Güven İ., Nurkan S.

General Matematics Notes, vol.24, no.2, pp.10-17, 2014 (Peer-Reviewed Journal)

XXXVIII. **Smarandache Curves According to Bishop Frame in Euclidean 3 Space**
Çetin M., KARACAN M. K., TUNÇER Y., ARIK F., ÇAKIR M., SAĞIR A.
General Mathematics Notes, vol.20, no.2, pp.50-56, 2014 (Peer-Reviewed Journal)

XXXIX. **Tubular surfaces of Weingarten types in Minkowski 3 space**
KARACAN M. K., Won Yoon D., TUNÇER Y.
General Math. Notes, vol.1, no.22, pp.44-56, 2014 (Peer-Reviewed Journal)

XL. **Generalized Mannheim Quaternionic Curves in Euclidean 4 Space**
Dae Won Y., TUNÇER Y., KARACAN M. K., TEKİN Ü. E., TAMKAŞ M., KESİCİ S., ATASEVEN DOĞRU B., ÇETİNER E. M.
Applied Mathematical Sciences, vol.7, no.132, pp.6583-6592, 2013 (Peer-Reviewed Journal)

XLI. **Tubular surfaces of Weingarten types in Galilean and pseudo Galilean space**
KARACAN M. K., TUNÇER Y., ALTUNIŞIK E., ÇELİK T., ÇELİK T., ÇELİK T.
Bulletin of Mathematical Analysis and Applications, vol.5, no.2, pp.87-100, 2013 (Peer-Reviewed Journal)

XLII. **Tubular Surfaces of Weingarten Types in Galilean and Pseudo Galilean 3 Spaces**
KARACAN M. K., TUNÇER Y.
Bulletin of Mathematical Analysis and Applications, vol.5, no.2, pp.87-100, 2013 (Peer-Reviewed Journal)

XLIII. **Weakened Mannheim Curves in Galilean 3 Space**
KARACAN M. K., TUNÇER Y., ALPER B.
International Electronic Journal of Geometry, vol.5, no.2, pp.10-18, 2012 (Peer-Reviewed Journal)

XLIV. **Bäcklund Transformations According to Bishop Frame in Euclidean 3 Space**
KARACAN M. K., TUNÇER Y.
Šiauliai Mathematical Seminar, vol.7, no.15, pp.41-49, 2012 (Peer-Reviewed Journal)

XLV. **Weakened Mannheim Curves**
KARACAN M. K.
International Journal of the Physical Sciences, vol.6, no.20, pp.4700-4705, 2011 (Peer-Reviewed Journal)

XLVI. **Bishop Motion in Minkowski 3 Space**
KARACAN M. K., Çetin M., TUNÇER Y., ERŞAN M.
International Journal of Physical and Mathematical Sciences, vol.2, no.1, pp.25-32, 2011 (Peer-Reviewed Journal)

XLVII. **Tabular Surfaces With Bishop Frame Of Weingarten Types In Euclidean 3 Space**
YÜKSEL N., TUNÇER Y., KARACAN M. K., ÖZTÜRK H. İ.
Acta Universitatis Apulensis, vol.27, pp.39-50, 2011 (Peer-Reviewed Journal)

XLVIII. **Tubular Surfaces with Bishop Frame of Weingarten Types in Euclidean 3 Space**
YÜKSEL N., TUNÇER Y., KARACAN M. K.
Acta Universitatis Apulensis Seria Mathematics-Informatics, vol.27, pp.39-50, 2011 (Peer-Reviewed Journal)

XLIX. **Darboux Rotation Axis Of The Curve In Galilean And Pseudo Galilean Spaces**
KARACAN M. K., TUNÇER Y., DORUK M.
Journal of Vectorial Relativity, vol.6, no.1, pp.107-116, 2011 (Peer-Reviewed Journal)

L. **Serret Frenet Motion in Minkowski 3 Space**
Çetin M., KARACAN M. K., TUNÇER Y., Alibakan G.
International Journal of Physical and Mathematical Sciences, vol.2, no.1, pp.33-38, 2011 (Peer-Reviewed Journal)

LI. **New Characterizations for Bertrand Curves in Minkowski 3 Space**
BÜKCÜ B., KARACAN M. K.
International Journal of Mathematical Combinatorics, vol.2, pp.98-103, 2011 (Peer-Reviewed Journal)

LII. **Characterization of Slant Helix in Galilean and Pseudo Galilean Spaces**
KARACAN M. K., TUNÇER Y.
Sakarya Üniversitesi Fen Edebiyat Dergisi, vol.12, no.1, pp.43-53, 2010 (Peer-Reviewed Journal)

LIII. **Bishop Frame of The Spacelike curve with a Spacelike Binormal in Minkowski 3 Space**
BÜKCÜ B., KARACAN M. K., AYRAL ÇINAR D.
Selcuk Journal of Applied Mathematics, vol.11, no.1, pp.15-25, 2010 (Peer-Reviewed Journal)

LIV. **Characterization Of Slant Helix In Galilean and Pseudo Galilean Spaces SAÜ Fen Edebiyat Dergisi**
KARACAN M. K., TUNÇER Y., BAL İNCEBACAK B., BÜYÜKGÖZE KAVAS A., TABAK A., ATAR YILMAZ A., BULUT Y., SİVRİKAYA ŞERİFOĞLU F., EROĞLU D., TÜRKÖZ T., et al.

SAÜ Fen Edebiyat Dergisi, vol.12, no.1, pp.43-53, 2010 (Peer-Reviewed Journal)

LV. **On Natural Curvatures of Bishop Frame**
KARACAN M. K., BÜKCÜ B., GEÇKİL E.
Journal of Vectorial Relativity, vol.5, no.4, pp.34-41, 2010 (Peer-Reviewed Journal)

LVI. **Tubular W Surfaces in 3 Space**
KARACAN M. K., TUNÇER Y.
Journal of Scientia Manga, vol.6, no.3, pp.55-62, 2010 (Peer-Reviewed Journal)

LVII. **The Slant Helices Acording to Bishop Frame of The Spacelike Curve in Lorentzian space**
BÜKCÜ B., KARACAN M. K.
JOURNAL OF INTERDISCIPLINARY MATHEMATICS, vol.12, no.5, pp.691-700, 2009 (Scopus)

LVIII. **Special Bishop Motion and Bishop Darboux Rotation Axis of The Timelike Curve in Minkowski 3 Space**
BÜKCÜ B., KARACAN M. K.
Kochi Journal of Mathematics, vol.4, no.1, pp.109-117, 2009 (Peer-Reviewed Journal)

LIX. **On The Elliptic Cylindrical Tzitzeica Curves in Minkowski 3 Space**
KARACAN M. K., BÜKCÜ B.
Scientia Manga, vol.5, no.3, pp.44-48, 2009 (Peer-Reviewed Journal)

LX. **The Bishop Darboux Rotation Axis of the Spacelike Curves with a Spacelike Principal Normal in Minkowski 3 Space**
KARACAN M. K., BÜKCÜ B.
Revista Notas de Matematica, vol.5, no.2, pp.29-35, 2009 (Peer-Reviewed Journal)

LXI. **Singular Points of Tubular Surface**
ES H., KARACAN M. K., YAYLI Y.
Journal of Xuzhou Normal University (Natural Science Edition), vol.24, no.4, pp.30-33, 2009 (Peer-Reviewed Journal)

LXII. **The Slant Helices According to Bishop Frame**
BÜKCÜ B., KARACAN M. K.
International Journal of Computational and Mathematical Sciences, vol.3, no.11, pp.1039-1042, 2009 (Peer-Reviewed Journal)

LXIII. **On the Dual Bishop Darboux Rotation Axis of the Dual Spacelike curve with a Spacelike Binormal**
YÜKSEL N., KARACAN M. K., BÜKCÜ B.
Antarctica Journal of Mathematics, vol.6, no.2, pp.177-186, 2009 (Peer-Reviewed Journal)

LXIV. **On the instantaneous Screw Axes of Two Parameter Motions in Lorentzian space**
KARACAN M. K., KULA L.
Scientia Manga, vol.5, no.1, pp.65-72, 2009 (Peer-Reviewed Journal)

LXV. **On Involute and Evolute Curves of Spacelike Curve with a Spacelike Principal Normal in Minkowski 3 Space**
BÜKCÜ B., KARACAN M. K.
International Journal of Mathematical Combinatorics, vol.1, pp.27-37, 2009 (Peer-Reviewed Journal)

LXVI. **-**
BÜKCÜ B., Karacan M. K.
Communications Faculty of Sciences University of Ankara Series A1: Mathematics and Statistics, vol.57, no.1, pp.13-22, 2008 (Peer-Reviewed Journal)

LXVII. **Bishop Frame of The Timelike Curve in Minkowski 3 Space**
KARACAN M. K., BÜKCÜ B., DEMİRKESEN ÇAKIR S., ŞEKER O., SADIKOĞLU E.
SDÜ Fen Edebiyat Fakültesi Fen Dergisi (E-Dergi), vol.3, no.1, pp.80-90, 2008 (Peer-Reviewed Journal)

LXVIII. **On The Hyperbolic Cylindrical Tzitzeica Curves in Minkowski 3 Space**
KARACAN M. K., BÜKCÜ B., GÜLSOY H. Ö.
Balıkesir Üniversitesi Fen Bilimler Enstitüsü, vol.10, no.1, pp.46-51, 2008 (Peer-Reviewed Journal)

LXIX. **On the Dual Bishop Darboux Rotation Axis of the Timelike Dual Curve**
BÜKCÜ B., KARACAN M. K., YÜKSEL N.

Far East Journal of Mathematical Sciences, vol.31, no.2, pp.301-310, 2008 (Peer-Reviewed Journal)

LXX. **Parallel Offset Curves in Lorentzian Plane**
KARACAN M. K., BÜKCÜ B.
Erciyes University Journal of the Institute of Science and Technology, vol.24, no.1-2, pp.334-345, 2008 (Peer-Reviewed Journal)

LXXI. **On The Slant Helices According To Bishop Frame of The Timelike Curve in Lorentzian Space**
BÜKCÜ B., KARACAN M. K., ASLAN D., AYDEMİR M.
Tamkang Journal of Mathematics, vol.39, no.3, pp.255-262, 2008 (Peer-Reviewed Journal)

LXXII. **An Alternative Moving Frame for A Tubular Surface Around A Spacelike Curve with a Spacelike Normal in Minkowski 3 Space**
KARACAN M. K., BÜKCÜ B.
Rendiconti Del Circolo Matematico Di Palermo, vol.57, no.2, pp.193-201, 2008 (Peer-Reviewed Journal)

LXXIII. **Special Bishop Motion and Bishop Darboux Rotation Axis of the Space Curve**
BÜKCÜ B., KARACAN M. K., Akın R., Akın R.
JOURNAL OF DYNAMICAL SYSTEMS AND GEOMETRIC THEORIES, vol.6, no.1, pp.27-34, 2008 (Peer-Reviewed Journal)

LXXIV. **On The Dual Bishop Darboux Rotation Axis of The Dual Space Curve**
KARACAN M. K., BÜKCÜ B.
Applied Sciences, vol.10, no.1, pp.115-120, 2008 (Peer-Reviewed Journal)

LXXV. **An Alternative Moving Frame for Tubular Surface around the Spacelike Curve with a Spacelike Binormal in Minkowski 3 Space**
KARACAN M. K., BÜKCÜ B.
Mathematica Moravica, vol.11, pp.47-54, 2007 (Peer-Reviewed Journal)

LXXVI. **On the Involute and Evolute Curves of the Timelike Curve in Minkowski 3 Space**
BÜKCÜ B., KARACAN M. K., BAŞ B., AKTÜRK B.
Demonstratio Mathematica, vol.40, no.3, pp.721-732, 2007 (Peer-Reviewed Journal)

LXXVII. **The Bishop Darboux Rotation Axis Of The Spacelike Curve in Minkowski 3 Space**
BÜKCÜ B., KARACAN M. K., MUTLUGÜN E.
Ege University, Journal of the Faculty of Science, vol.30, pp.1-5, 2007 (Peer-Reviewed Journal)

LXXVIII. **On The Instantaneous Screw Axes of Two Parameter Motions**
KARACAN M. K., YAYLI Y.
Facta Universitatis, Series: Mechanics, Automatic Control and Robotics, vol.6, no.1, pp.81-88, 2007 (Peer-Reviewed Journal)

LXXIX. **On the Involute and Evolute Curves of the Spacelike Curve with a Spacelike Binormal in Minkowski 3 Space**
BÜKCÜ B., KARACAN M. K.
Int. Journal of Contemporary Mathematical Sciences, vol.2, no.5, pp.221-232, 2007 (Peer-Reviewed Journal)

LXXX. **Singular Points of Tubular Surfaces in Minkowski 3 Space**
KARACAN M. K., ES H., YAYLI Y.
Sarajevo Journal of Mathematics, vol.2, no.14, pp.73-82, 2006 (Peer-Reviewed Journal)

LXXXI. **Formulas for the Exponential of a Semi Skew Symetric Matrix of Order 4**
KULA L., KARACAN M. K., YAYLI Y.
Mathematical and Computational Applications, vol.10, no.1, pp.99-104, 2005 (Peer-Reviewed Journal)

LXXXII. **General Two Parameter Motion**
KARACAN M. K., YAYLI Y.
Hadronic Journal, Algebras, Groups And Geometries, vol.22, no.1, pp.137-144, 2005 (Peer-Reviewed Journal)

LXXXIII. **Special Two Parameter Motion**
KARACAN M. K., YAYLI Y.
Mathematical and Computational Applications, vol.10, no.1, pp.27-34, 2005 (Peer-Reviewed Journal)

LXXXIV. **Special Two Parameter Motion in Lorentzian Plane**
KARACAN M. K., YAYLI Y.

Thai Journal of Mathematics, vol.2, no.2, pp.239-246, 2004 (Peer-Reviewed Journal)

LXXXV. **Cayley Sayıları ve Cisim Yapıları**
YAYLI Y., HACISALİHOĞLU H. H., KARACAN M. K.
Fırat Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.16, no.3, pp.425-432, 2004 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **Surfaces with Constant Negative Gaussian Curvature in The Simply Isotropic 3-Space**
NURKAN S., GÜRGİL İ., KARACAN M. K.
19th International Geometry Symposium, Edirne, Turkey, 27 - 30 June 2022

II. **Ruled Surface of the Curve Generated by a Curve with Constant Torsion**
SALTIK B., YÜKSEL N., KARACAN M. K.
19th International Geometry Symposium, Edirne, Turkey, 27 - 30 June 2022

III. **3-Boyutlu Öklid Uzayında Paralel Eğrinin Adjoint Eğrisi İle Karakterizasyonu**
Keskin Ö., İKİZ H., YÜKSEL N., KARACAN M. K.
13. Geometri Sempozyumu, Turkey, 27 July 2015 - 30 July 2019

IV. **Classification of Conformal Surfaces of Revolution in Hyperbolic 3-Space**
YÜKSEL N., KARACAN M. K., DAMAR E.
IECMSA-2018, KİEV, Ukraine, 26 - 31 August 2018

V. **Surfaces of Revolution in G_3**
ÇAKMAK A., KARACAN M. K., KIZILTUĞ S., ES H.
16th International Geometry Symposium, Manisa, Turkey, 4 - 07 July 2018

VI. **Special Curves In Euclidean 3-Space**
TUNÇER Y., KOCAYİĞİT H., KARACAN M. K., Çümen H.
16th International Geometry Symposium, Manisa, Turkey, 4 - 07 July 2018

VII. **Right Conoid in Euclidean 3-Space**
KARACAN M. K., YÜKSEL N., TUNÇER Y., SALTIK B.
16th International Geometry Symposium, Manisa, Turkey, 4 - 07 July 2018

VIII. **Indicatrices of The Curves In Affine 3-Space**
TUNÇER Y., KOCAYİĞİT H., KARACAN M. K.
16th International Geometry Symposium, Manisa, Turkey, 4 - 07 July 2018

IX. **Ruled Surfaces in Contact Geometry**
YÜKSEL N., KARACAN M. K., İKİZ H., ODABAŞI Ç. Z.
6th International Eurasian Conference on Mathematical Sciences and Applications, 15 - 18 August 2017

X. **Ruled Surfaces According to Parallel Trasport Framein E⁴**
DAMAR E., YÜKSEL N., KARACAN M. K.
15th International Geometry Symposium, Amasya University, Amasya, Turkey, July 3-6 , 2017, 3 - 06 July 2017

XI. **Twisted Surfaces in Isotropic 3-Space**
NURKAN S., GÜVEN İ., KARACAN M. K., DOLAŞIR S.
15th International Geometry Symposium, Amasya University, Amasya, Turkey, July 3-6 , 2017, 3 - 06 July 2017

XII. **Spherical Indicatrices with Modified Orthogonal Frame**
BÜKCÜ B., KARACAN M. K.
14.Uluslararası Geometri Sempozyumu, 25 - 28 May 2016

XIII. **Sperical Curves with Modified Orthogonal frame**
BÜKCÜ B., KARACAN M. K.
14.Uluslararası Geometri Sempozyumu, 25 - 28 May 2016

XIV. **3-Boyutlu Öklid Uzayında Baz Eğrisinin Adjoint Eğrisi İle Regle Yüzeyler Arasındaki İlişki**
İKİZ H., Keskin Ö., YÜKSEL N., KARACAN M. K.
13. Geometri Sempozyumu, İstanbul, Turkey, 27 - 30 July 2015

XV. **On Characterizations of New Curves in 3 space**

NURKAN S., KARACAN M. K., arslan güven i., TUNÇER Y.

XII. Geometri Sempozyumu, Bilecik, Turkey, 23 - 26 June 2014

XVI. **Paralel Curves and Helices in Minkowski 3 space**

KARACAN M. K., YÜKSEL N., İKİZ H.

12.Ulusal Geometri Sempozyumu, Bilecik, Turkey, 23 - 26 June 2014

XVII. **On the characterizations of new curves in 3-space**

KARACAN M. K., NURKAN S.

12.Ulusal Geometri Sempozyumu, Turkey, 23 - 26 June 2014

XVIII. **A study on ruled surface of Weingarten type**

GÜVEN İ., NURKAN S., KARACAN M. K.

X.Ulusal Geometri Sempozyumu, Balıkesir, Turkey, 13 - 16 June 2012

XIX. **X Geometri Sempozyumu**

KARACAN M. K., TUNÇER Y., NURKAN S.

X. Geometri Sempozyumu, Bursa, Turkey, 13 - 16 June 2012

XX. **Darboux Rotation Axis of a Null Curve in Minkowski 3-space**

KARACAN M. K., TUNÇER Y., NURKAN S.

X. Geometri Sempozyumu, Balıkesir, Balıkesir, Turkey, 13 - 16 June 2012

XXI. **Bishop Frame in Minkowski 3-Space**

KARACAN M. K., BÜKCÜ B.

IV. International Geometry Symposium, Zonguldak, Turkey, 17 June - 21 July 2006

XXII. **Timelike Quaternion Frenet Frame**

BÜKCÜ B., KARACAN M. K.

IV. International Geometry Symposium, Turkey, 17 - 21 July 2006

XXIII. **Dual Sayı Üçlülerinin Değişmeli Çarpımı**

KULA L., KARACAN M. K., YAYLI Y.

II.Geometri Sempozyumu, Sakarya, Sakarya, Turkey, 30 June - 03 July 2004

XXIV. **Genel İki Parametreli Hareketler**

KARACAN M. K., YAYLI Y., KULA L.

II.Geometri Sempozyumu, Sakarya, Sakarya, Turkey, 30 June - 03 July 2004

Metrics

Publication: 118

Citation (Scopus): 74

H-Index (WoS): 1

H-Index (Scopus): 6