Prof. Salim YÜCE

Personal Information

Office Phone: +90 212 383 4353
Fax Phone: +90 212 383 4353
Email: sayuce@yildiz.edu.tr
Web: http://www.salimyuce.com/
Address: Yıldız Teknik Üniversitesi Fen Edebiyat Fakültesi Matematik Bölümü FEF Dekanlık Binası E Blok Oda No:E-2051
34220 Esenler/İstanbul

International Researcher IDs
ScholarID: 8vsbTRMAAAAJ
ORCID: 0000-0002-8296-6495
Publons / Web Of Science ResearcherID: V-8016-2017
ScopusID: 55885816200
Yoksis Researcher ID: 8260

Education Information

Doctorate, Ondokuz Mayis University, Institute Of Science, Matematik, Turkey 1999 - 2004
Postgraduate, Ondokuz Mayis University, Institute Of Science, Matematik, Turkey 1996 - 1999
Undergraduate, Ondokuz Mayis University, Faculty Of Education, Matematik Öğretmenliği, Turkey 1992 - 1996

Dissertations

Doctorate, Homotetik hareketler altında Holditch teoreminin iki kapalı eğriye ve bir açık eğriye (Holditch hilalleri) genelleştirilmesi, Ondokuz Mayıs Üniversitesi, Fen Edebiyat Fakültesi, Matematik Bölümü, 2004
Postgraduate, Lorentz uzayında homoteti ve konneksiyon koruyan dönüşümler, Ondokuz Mayıs Üniversitesi, Fen Edebiyat Fakültesi, Matematik Bölümü, 1999

Research Areas

Mathematics, Geometry, Natural Sciences

Academic Titles / Tasks

Professor, Yildiz Technical University, Faculty Of Arts & Science, Department Of Mathemeatics, 2012 - Continues
Associate Professor, Yildiz Technical University, Faculty Of Arts & Science, Department Of Mathemeatics, 2006 - 2012
Assistant Professor, Yildiz Technical University, Faculty Of Arts & Science, Department Of Mathemeatics, 2006 - 2006
Research Assistant PhD, Ondokuz Mayis University, Fen Edebiyat Fakültesi, Matematik, 2004 - 2006
Research Assistant, Ondokuz Mayis University, Fen Edebiyat Fakültesi, Matematik Bölümü, 1999 - 2004
Research Assistant, Ondokuz Mayis University, Institute Of Science, Fen Bilimleri Enstitüsü, 1997 - 1999

Academic and Administrative Experience

Dean, Yildiz Technical University, Faculty Of Arts & Science, 2023 - Continues
Head of Department, Yildiz Technical University, Faculty Of Arts & Science, Department Of Mathemeatics, 2022 - Continues
Yıldız Teknik Üniversitesi, Fen Edebiyat Fakültesi, Matematik Bölümü, 2011 - Continues
Yıldız Teknik Üniversitesi, Rectorate, 2012 - 2016
Yıldız Teknik Üniversitesi, Tömer, 2013 - 2015
Yıldız Teknik Üniversitesi, Rectorate, 2012 - 2014
Yıldız Teknik Üniversitesi, 2012 - 2014
Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, 2009 - 2013
Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, 2009 - 2012
Yıldız Teknik Üniversitesi, Fen Edebiyat Fakültesi, 2009 - 2012

Advising Theses

Yüce S., Hiperbolik Küresel Geometri, Postgraduate, R.Dilara(Student), 2024
Yüce S., GÜL REGLE YÜZEYLERİ, Postgraduate, D.BUDAK(Student), 2024
Yüce S., Split Kuaterniyonlarda Üstel, Logaritmik ve Trigonometrik Fonksiyonlar, Postgraduate, H.Feyza(Student), 2023
Yüce S., Split Kuaterniyonlarda Kombinasyon ve Faktöriyel Hesabı ile Kalkulus, Postgraduate, E.ERGÜL(Student), 2023
Yüce S., Split Kuaterniyon Diziler ve Seriler, Postgraduate, S.NUR(Student), 2023
Yüce S., Kuaterniyonik Manifoldların Alt Manifoldları, Doctorate, Ç.Ay(Student), 2023
Yüce S., Dual Uzay Üzerinde İç Çarpım Yapıları ve E. Study Dönüşümü, Postgraduate, M.KOLAY(Student), 2023
Yüce S., Kuaterniyon n-Uzayının Cebirsel Yapıları ve Eğriler Teorisi, Doctorate, D.ALTUN(Student), 2021
Yüce S., E^4 Öklid Uzayında Öteleme Hiperyüzeyleri, Postgraduate, İ.AKKILINÇ(Student), 2021
Yüce S., Kantor Kümesinin Fraktal Geometri Uygulamaları, Postgraduate, İ.Ebru(Student), 2021
Yüce S., Lorentz Uzayında ve Lorentz Düzleminde Temel Kavramlar, Postgraduate, S.Çoruh(Student), 2020
Yüce S., Lorentz Düzleminde 2-Parametreli Hareketler ve Kutup Eksen Yoğunluğu, Doctorate, G.YELİZ(Student), 2019
YÜCE S., Öklid Düzleminde ve Öklid Uzayında Bezier Eğrileri, Doctorate, E.ERKAN(Student), 2019
YÜCE S., Dual Kuaterniyonlar ve Dual Kuaterniyonik Eğriler, Doctorate, A.DAĞDEVİREN(Student), 2018
YÜCE S., Üç Boyutlu Galile Uzayında Kinematik, Doctorate, M.AKBIYIK(Student), 2018
YÜCE S., Dual Kuaterniyon Katsayılı Matrisler, Doctorate, K.Gökhan(Student), 2018
YÜCE S., Fibonacci Vektörlerin Öklid, Kompleks ve Lorentz Geometrisi, Postgraduate, K.ÇETİNBERK(Student), 2017
YÜCE S., 1-Parametreli Düzlemsel Hiperbolik Hareketler Altında Yüksek Mertebeden İvmeler ve Pol noktaları, Doctorate, S.ŞAHİN(Student), 2015
YÜCE S., Oktoniyonik Eğriler ve Karakteristik Özellikleri, Doctorate, Ö.BEKTAŞ(Student), 2015
YÜCE S., Afin Cayley-Klein Düzleminde 1-Parametreli Hareketler, Doctorate, N.(BAYRAK)(Student), 2014
YÜCE S., Dual Kuaterniyon Uzayında Fonksiyonel Analiz, Postgraduate, Ç.AY(Student), 2014
YÜCE S., Darboux Çatılı Regle Yüzeylerin Karakteristik Özellikleri, Postgraduate, G.Yeliz(Student), 2013
YÜCE S., Lorentz Matris Çarpımı ve Dual Matrislerin Özellikleri, Postgraduate, A.Dağdeviren(Student), 2013
YÜCE S., Düzlemsel Homotetik Hareketler Altında Kapalı Yörünge Eğrisinin Kutupsal Atalet Momenti için Holditch Tipi Teoremler, Doctorate, M.AKAR(Student), 2012
YÜCE S., Galilean Düzlemde Hareketli Koordinat Sistemi ve Euler Savary Formülü, Postgraduate, M.AKBIYIK(Student), 2012
YÜCE S., 2-Parametreli Düzlemsel Hareketler, Postgraduate, F.YEŞİLTAŞ(Student), 2011
YÜCE S., Düzlemsel Homotetik Hareketler Altında Yüksek Mertebeden İvmeler ve Pollar, Postgraduate, S.ŞAHİN(Student), 2009

Published journal articles indexed by SCI, SSCI, and AHCI

I. **On Vietoris' hybrid number sequence**
Gürses N., Saçlı G. Y., Yüce S.
TURKISH JOURNAL OF MATHEMATICS, vol.48, no.4, pp.658-672, 2024 (SCI-Expanded)

II. **On optical soliton solutions of the higher-order Lakshmanan-Porsezian-Daniel model having the cubic-quintic-septic law in the presence of spatio-temporal and chromatic dispersion**
Özdemir N., Secer A., Ozisik M., Bayram M., Yuce S.
Physica Scripta, vol.99, no.6, 2024 (SCI-Expanded)

III. **On Slant Submanifolds of Para-Quaternion Kaehler Manifolds (in press)**
Ay Ç., Yüce S.
TWMS JOURNAL OF PURE AND APPLIED MATHEMATICS, vol.0, no.0, 2024 (SCI-Expanded)

IV. **Optical solitons of the $(1 + 1)$-dimensional perturbed complex Ginzburg{Landau equation having the Kerr law in the absence of the chromatic dispersion**
ÖZDEMİR N., SEÇER A., ÖZIŞIK M., BAYRAM M., YÜCE S.
Modern Physics Letters B, 2024 (SCI-Expanded)

V. **Influences of Elastic Foundations and Material Gradient on the Dynamic Response of Polymer Cylindrical Pipes Patterned by Carbon Nanotube Subjected to Moving Pressures**
Deniz A., Avey M., Fantuzzi N., Sofiyev A., Turkaslan B. E., Yüce S., Schnack E.
NANOMATERIALS, vol.11, no.3075, pp.3075, 2021 (SCI-Expanded)

VI. **On metallic ratio in Z(p)**
Yamac Akbiyik S., AKBIYIK M., YÜCE S.
MATHEMATICAL METHODS IN THE APPLIED SCIENCES, vol.42, no.16, pp.5535-5550, 2019 (SCI-Expanded)

VII. **A study on densities of sets of points and lines**
ŞENTÜRK G. Y., YÜCE S.
MATHEMATICAL METHODS IN THE APPLIED SCIENCES, vol.42, no.16, pp.5427-5437, 2019 (SCI-Expanded)

VIII. **De Moivre's and Euler's Formulas for the Matrices of Octonions**
BEKTAŞ Ö., YÜCE S.
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES INDIA SECTION A-PHYSICAL SCIENCES, vol.89, no.1, pp.113-127, 2019 (SCI-Expanded)

IX. **Dual Quaternions and Dual Quaternionic Curves**
Dağdeviren A., Yüce S.
FILOMAT, vol.33, no.4, pp.1037-1046, 2019 (SCI-Expanded)

X. **Serret-Frenet Frame and Curvatures of Bezier Curves**
Erkan E., Yüce S.
MATHEMATICS, vol.6, 2018 (SCI-Expanded)

XI. **The areas of the trajectory surface under the Galilean motions in the Galilean space**
Akbıyık M., Yüce S.
INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS, vol.15, no.9, 2018 (SCI-Expanded)

XII. **GAUSSIAN DUAL FIBONACCI NUMBERS**
Aydin F. T., YÜCE S.
UTILITAS MATHEMATICA, vol.106, pp.185-199, 2018 (SCI-Expanded)

XIII. **A Geometric Aspect of the Two-Parameter Planar Lorentzian Motions**
Şentürk G. Y., Yüce S.
MATHEMATICAL PROBLEMS IN ENGINEERING, vol.2018, 2018 (SCI-Expanded)

XIV. **Bertrand Offsets of Ruled Surfaces with Darboux Frame**
ŞENTÜRK G. Y., YÜCE S.
RESULTS IN MATHEMATICS, vol.72, no.3, pp.1151-1159, 2017 (SCI-Expanded)

XV. **A New Approach to Jacobsthal Quaternions**
Torunbalcı Aydın F., Yüce S.
FILOMAT, vol.31, pp.5567-5579, 2017 (SCI-Expanded)

XVI. **A new approach on electromagnetism with dual number coefficient octonion algebra**

Chanyal B. C., Chanyal S. K., BEKTAŞ Ö., YÜCE S.

INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS, vol.13, no.9, 2016 (SCI-Expanded)

XVII. **A New Expression for Higher Order Accelerations and Poles Under the One Parameter Planar Hyperbolic Homothetic Motions**

ŞAHİN S., YÜCE S.

ADVANCES IN APPLIED CLIFFORD ALGEBRAS, vol.26, no.3, pp.1061-1068, 2016 (SCI-Expanded)

XVIII. **A New Aspect of Dual Fibonacci Quaternions**

YÜCE S., Aydin F. T.

ADVANCES IN APPLIED CLIFFORD ALGEBRAS, vol.26, no.2, pp.873-884, 2016 (SCI-Expanded)

XIX. **One-Parameter Homothetic Motions and Euler-Savary Formula in Generalized Complex Number Plane C-J**

Gürses N., Akbiyik M., Yüce S.

ADVANCES IN APPLIED CLIFFORD ALGEBRAS, vol.26, no.1, pp.115-136, 2016 (SCI-Expanded)

XX. **One-Parameter Planar Motions in Generalized Complex Number Plane**

Gurses N., Yüce S.

ADVANCES IN APPLIED CLIFFORD ALGEBRAS, vol.25, no.4, pp.889-903, 2015 (SCI-Expanded)

XXI. **Characteristic properties of the ruled surface with Darboux frame in E-3**

Şentürk G. Y., Yüce S.

KUWAIT JOURNAL OF SCIENCE, vol.42, pp.14-33, 2015 (SCI-Expanded)

XXII. **Characteristic properties of the ruled surface with Darboux frame in E3**

ŞENTÜRK G. Y., YÜCE S.

Kuwait Journal of Science, vol.42, no.2, pp.14-33, 2015 (SCI-Expanded)

XXIII. **Dual Plane and Kinematics**

Yüce S., Akar M.

CHIANG MAI JOURNAL OF SCIENCE, vol.41, no.2, pp.463-469, 2014 (SCI-Expanded)

XXIV. **On the Octonionic Inclined Curves in the 8-Dimensional Euclidean Space**

Bektas O., Yüce S.

MATHEMATICAL PROBLEMS IN ENGINEERING, 2014 (SCI-Expanded)

XXV. **Higher-Order Accelerations and Poles under the One-Parameter Planar Hyperbolic Motions and Their Inverse Motions**

Sahin S., Yüce S.

MATHEMATICAL PROBLEMS IN ENGINEERING, 2014 (SCI-Expanded)

XXVI. **SPLIT QUATERNION MATRICES**

ALAGÖZ Y., Oral K. H., Yüce S.

MISKOLC MATHEMATICAL NOTES, vol.13, no.2, pp.223-232, 2012 (SCI-Expanded)

XXVII. **Erratum to: Holditch theorem and Steiner formula for the planar hyperbolic motions**

YÜCE S., Kuruoğlu N.

Advances in Applied Clifford Algebras, vol.21, no.2, 2011 (SCI-Expanded)

XXVIII. **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)

XXIX. **Cauchy Formulas for Enveloping Curves in the Lorentzian Plane and Lorentzian Kinematics**

YÜCE S., Kuruoğlu N.

RESULTS IN MATHEMATICS, vol.54, pp.199-206, 2009 (SCI-Expanded)

XXX. **THE INVOLUTE-EVOLUTE OFFSETS OF RULED SURFACES**

Kasap E., YÜCE S., KURUOĞLU N.

IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY TRANSACTION A-SCIENCE, vol.33, pp.195-201, 2009 (SCI-Expanded)

XXXI. **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)

XXXII. **One-parameter plane hyperbolic motions**
YÜCE S., Kuruoğlu N.
ADVANCES IN APPLIED CLIFFORD ALGEBRAS, vol.18, no.2, pp.279-285, 2008 (SCI-Expanded)

XXXIII. **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, pp.207-212, 2007 (SCI-Expanded)

XXXIV. **On the generalizations of the polar inertia momentum of the closed curves obtained kinematically**
Yuce S., Duldul M., KURUOGLU N.
STUDIA SCIENTIARUM MATHEMATICARUM HUNGARICA, vol.42, no.1, pp.73-78, 2005 (SCI-Expanded)

XXXV. **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)

XXXVI. **Some Properties of Ruled Surfaces under Homothety in E3**
YÜCE S., KURUOĞLU N.
MATHEMATİCAL AND COMPUTATİONAL APPLİCATİONS, vol.7, no.3, pp.235-239, 2002 (SCI-Expanded)

Articles Published in Other Journals

I. **Inner Product Structures and E.Study Maps on Dual Spaces (in press)**
Yüce S., Kolay M.
HONAM MATHEMATICAL JOURNAL, vol.0, no.0, 2024 (ESCI)

II. **Application of Cantor Set to Fractal Geometry**
Karaçay İ. E., Yüce S.
INTERNATIONAL ELECTRONIC JOURNAL OF GEOMETRY, vol.17, no.2, pp.712-726, 2024 (ESCI)

III. **Matrix Theory on Lorentz-Minkowski Scalar Product**
Marangoz A., Yüce S.
AZERBAIJAN JOURNAL OF MATHEMATICS, vol.14, no.2, pp.65-78, 2024 (ESCI)

IV. **Dual Quaternion Matrices and MATLAB Applications**
Nalbant K. G., Yüce S.
Applications and Applied Mathematics: An International Journal, vol.19, no.1 (Article 5), 2024 (ESCI)

V. **Geometric Approaches to Establish the Fundamentals of Lorentz Spaces R2^3 and R1^2 (online first)**
Çoruh Şenocak S., Yüce S.
MATHEMATICA BOHEMICA, vol.0, no.0, pp.1-19, 2024 (ESCI)

VI. **A note on hyper-dual numbers with the Leonardo-Alwyn sequence**
Saçlı G. Y., Yüce S.
Turkish Journal of Mathematics and Computer Science, vol.16, no.1, pp.154-161, 2024 (Peer-Reviewed Journal)

VII. **Applications of Cantor Set to Fractal Geometry**
KARAÇAY İ. E., YÜCE S.
International Electronic Journal of Geometry, vol.17, no.2, pp.712-726, 2024 (ESCI)

VIII. **Higher-Order Accelerations And Poles under the One-Parameter Planar Dual Motions And Their Inverse Motion**
Şahin S., Akar M., Yüce S.
JOURNAL OF SCIENCE AND ARTS, vol.23, no.4, pp.909-916, 2023 (ESCI)

IX. **Some New Properties of Octonionic Matrices**
Bektaş Ö., Yüce S.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, vol.41, no.4, pp.848-857, 2023 (ESCI)

X. **Investigating Generalized Quaternions with Dual-Generalized Complex Numbers**
Gürses N., Şentürk G. Y., Yüce S.

MATHEMATICA BOHEMICA, vol.148, no.3, pp.329-348, 2023 (ESCI)

XI. **The Special Curves of Fibonacci and Lucas Curves**
Ergül E., Yüce S.
International Journal of Maps in Mathematics, vol.6, no.1, pp.2-21, 2023 (Peer-Reviewed Journal)

XII. **New Insight Into Quaternions and Their Matrices**
Şentürk G. Y., Gürses N., Yüce S.
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.72, no.1, pp.43-58, 2023 (ESCI)

XIII. **THE ADJOINT MAP AND DUAL MAP OF MULTILINEAR MAP**
Yüce S.
JOURNAL OF SCIENCE AND ARTS, vol.23, no.1, pp.177-186, 2023 (ESCI)

XIV. **Translation Hypersurfaces in Euclidean 4-Space**
Akkılınç İ., Yüce S.
PUNJAB UNIVERSITY JOURNAL OF MATHEMATICS, vol.54, no.12, pp.44-53, 2022 (ESCI)

XV. **Algebraic Construction for Dual Quaternions with GCN**
ŞENTÜRK G. Y., GÜRSES N., YÜCE S.
Bitlis Eren Üniversitesi Fen Bilimleri Dergisi, vol.11, no.2, pp.586-593, 2022 (Peer-Reviewed Journal)

XVI. **A comprehensive survey of dual-generalized complex Fibonacci and Lucas numbers**
GÜRSES N., ŞENTÜRK G. Y., YÜCE S.
Sigma Journal of Engineering and Natural Sciences, vol.40, no.1, pp.179-187, 2022 (ESCI)

XVII. **Construction of dual-generalized complex Fibonacci and Lucas quaternions**
ŞENTÜRK G. Y., GÜRSES N., YÜCE S.
Carpathian Mathematical Publications, vol.14, no.2, pp.406-418, 2022 (ESCI)

XVIII. **Fundamental properties of extended Horadam numbers**
ŞENTÜRK G. Y., GÜRSES N., YÜCE S.
NOTES ON NUMBER THEORY AND DISCRETE MATHEMATICS, vol.27, no.4, pp.219-235, 2021 (ESCI)

XIX. **4-dimensional pseudo-Galilean geometry**
Akbıyık M., Yüce S.
Cumhuriyet Science Journal, vol.42, no.4, pp.890-905, 2021 (Peer-Reviewed Journal)

XX. **Algebraic structure and basics of analysis of n-dimensional quaternionic space**
Altun D., Yüce S.
HELIYON, vol.7, no.6, 2021 (ESCI)

XXI. **On The E. Study Maps For The Dual Quaternions**
Yüce S.
Applied Mathematics E-Notes, vol.21, pp.365-374, 2021 (ESCI)

XXII. **Holditch-Type Theorems for the Polar Moment of Inertia under the 1-Parameter Closed Planar Homothetic Motion**
Akar M., Yüce S.
Journal of Science and Arts, vol.55, no.2, pp.329-336, 2021 (ESCI)

XXIII. **A Study on Dual-Generalized Complex and Hyperbolic-Generalized Complex Numbers**
Gürses N., Şentürk G. Y., Yüce S.
Gazi University Journal of Science, vol.34, no.1, pp.180-194, 2021 (Scopus)

XXIV. **On Fibonacci Vectors**
Çetinberk K., Yüce S.
Hagia Sophia Journal of Geometry (HSJG) , vol.2, no.2, pp.12-25, 2020 (Peer-Reviewed Journal)

XXV. **Some Notes On Geometry Of Bezier Curves In Euclidean 4-Space**
Erkan E., Yüce S.
Journal of Engineering Technology and Applied Sciences, vol.5, no.3, pp.93-101, 2020 (Peer-Reviewed Journal)

XXVI. **Examination of sets of points and non-null lines under the two-parameter Lorentzian motion**
Şentürk G. Y., Yüce S.
Journal of Science and Arts, vol.51, no.2, pp.369-386, 2020 (ESCI)

XXVII. **ON RULED NON-DEGENERATE SURFACES WITH DARBOUX FRAME IN MINKOWSKI 3-SPACE**
Şentürk G. Y., Yüce S.
TWMS JOURNAL OF APPLIED AND ENGINEERING MATHEMATICS, vol.10, no.2, pp.499-511, 2020 (ESCI)

XXVIII. **Serret-Frenet formulas for octonionic curves**
Bektaş Ö., Yüce S.
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XXIX. **Some New Properties of the Real Quaternion Matrices and Matlab Applications**
NALBANT K. G., YÜCE S.
Cumhuriyet Science Journal, 2019 (Peer-Reviewed Journal)

XXX. **FRENET-SERRET FORMULAS OF q-CURVES**
Altun D., Yüce S.
Fundamental Journal of Mathematics and Mathematical Sciences, vol.11, no.2, pp.35-45, 2019 (Peer-Reviewed Journal)

XXXI. **Weingarten Map of the Hypersurface in Euclidean 4-Space and its Applications**
YÜCE S.
Hagia Sophia Journal of Geometry, vol.1, no.1, pp.1-8, 2019 (Peer-Reviewed Journal)

XXXII. **A Survey on the Base, Rolling and Roulette Curves on Generalized Complex Number Plane C_J**
Akbıyık M., Gürses N., Yüce S.
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XXXIII. **On the Moving Coordinate System and Euler-Savary Formula in Affine Cayley-Klein Planes**
Gürses N., Yüce S.
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XXXIV. **ON THE EVOLUTE OFFSETS OF RULED SURFACES USING THE DARBOUX FRAME**
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COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.68, no.2, pp.1256-1264, 2019 (ESCI)

XXXV. **How to determine properties of the special curves using real Octonions in Euclidean 8-Space**
BEKTAŞ Ö., YÜCE S.
Mathematical Modelling: Theory and Applications, no.1, 2018 (Peer-Reviewed Journal)

XXXVI. **A Method for Mannheim Offsets of Ruled Surfaces**
ŞENTÜRK G. Y., YÜCE S.
JOURNAL OF SCIENCE AND ARTS, vol.4, no.45, pp.827-836, 2018 (ESCI)

XXXVII. **On the Dual Hyperbolic Numbers and the Complex Hyperbolic Numbers**
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Journal of Computer Science & Computational Mathematics, vol.8, no.1, pp.1-6, 2018 (Peer-Reviewed Journal)

XXXVIII. **8-Boyutlu Oktoniyon Uzayında Reel Oktoniyonları Kullanarak Oktoniyonik Rektifiyan, Oskülatör ve Normal Eğrilerin Özelliklerinin Belirlenmesi**
BEKTAŞ Ö., YÜCE S.
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.11, no.1, pp.31-46, 2018 (Peer-Reviewed Journal)

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ŞENTÜRK G. Y., YÜCE S.
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XL. **Some new associated curves of an admissible Frenet curve in 3-dimensional and 4-dimensional Galilean Spaces**
Macit N., AKBIYIK M., YÜCE S.
Romanian Journal of Mathematics and Computer Science, vol.7, no.2, pp.110-122, 2017 (Peer-Reviewed Journal)

XLI. **Generalized Dual Pell Quaternions**
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LXXXVI. **On the Generalizations of the Polar Moments of Inertia under the Homothetic Motions**
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LXXXVII. **On the Polar Moment of Inertia under the 1-Parameter Closed Homothetic Motions in Lorentzian 3-Space**
yıldırım h., YÜCE S., KURUOĞLU N.
International Congress in Honour of Professor H. M. Srivastava on his 70th Birth Anniversary, Uludag University, Bursa, Turkey, 18 August 2010, pp.1

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VIII. GEOMETRİ SEMPOZYUMU, Antalya, Turkey, 29 April - 02 May 2010, pp.1

LXXXIX. **The generalizations of the Holditch-Type Theorems for the closed projection curves in Euclidean 3-space**
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Yıldırım H., Yüce S., Kuruoğlu N.
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XCII. **Holditch-Type Theorems for the Polar Moment Of Inertia in Lorentzian 3-space**

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VI. Geometri Sempozyumu, Uludağ Üniversitesi, Bursa, Turkey, 04 July 2008, pp.1

XCIII. **3-BOYUTLU ÖKLİD UZAYINDA İZDÜŞÜM EĞRİLERİ İÇİN HOLDITCH TİPİ TEOREMLERİN GENELLEŞTİRİLMELERİ**

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VI. Geometri Sempozyumu, Uludağ Üniversitesi, Bursa, Türkiye, 04 Temmuz 2008, ss.1, Bursa, Turkey, 4 - 06 July 2008, pp.1

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yıldırım h., YÜCE S., KURUOĞLU N.

V. Geometri Sempozyum, Sakarya, Turkey, 04 July 2007, pp.1

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yıldırım h., YÜCE S., KURUOĞLU N.

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XCVI. **Holditch-Type Theorems under Homothetic Motions**

YÜCE S., KURUOĞLU N.

III. Geometri Sempozyumu, Eskişehir, Turkey, 04 July 2005, pp.1

XCVII. **The Steiner Formula for the open planar Homothetic motions.**

Yüce S., Kuruoğlu N.

II. Geometri Sempozyumu, Sakarya, Turkey, 1 - 05 August 2004, pp.1

XCVIII. **A generalization of the Holditch theorem for the planar Homothetic motions.**

Yüce S., Kuruoğlu N.

I. Geometri Sempozyumu, Elazığ, Turkey, 1 - 05 July 2003, pp.1

XCIX. **The generalized Holditch theorem for the homothetic motions on the planar kinematics**

Kuruoğlu N., Yüce S.

XV. Ulusal Matematik Sempozyumu, Mersin, Turkey, 1 - 05 August 2002, pp.1

C. **A Formula for Higher-Order Accelerations under the One-Parameter Planar Dual Inverse Motion**

Şahin S., Akar M., Yüce S.

Seventh International Conference on Dynamic Systems and Applications & Fifth International Conference on Neural, Paralel, and Scientific Computations, Georgia, United States Of America, 27 - 30 May 2015, pp.1

CI. **Lorentz Uzayında Homoteti ve Konneksiyon Koruyan Dönüşümler**

YÜCE S., KURUOĞLU N.

XII. Ulusal Matematik sempozyumu, Malatya, Turkey, 06 September 1999, pp.1

Other Publications

I. **Üniversite Tercihinizi Yaparken Hayallerinizin Peşinden Gitmekten Korkmayin! (Akademiya)**

Yüce S.

Technical Report, 2024

II. **Fen-Edebiyat Fakültelerinin Yeniden Yükselişine Doğru Öncü Bir Adım: "Ytü-Fef Temel Bilimler Eğitimi Modeli" (Akademiya)**

Yüce S.

Technical Report, 2024

III. **ALTIN ORAN'IN GİZEMİ (Ophthalmology Life)**

Yüce S.

Technical Report, pp.14-17, 2022

Supported Projects

Derviş D. D., Yüce S., TUBITAK Project, Fermat-Asal Sayı Yaklaşımı ve Modüler Aritmetik Prensipleri Yardımıyla Tek

Mükemmel Sayının Varlığının İncelenmesi ve Sonucunun RSA Şifreleme Algoritmasına Katkısı, 2024 - 2025

Yüce S., Denktaş C., Sezer Y., Türkoğlu N., Karaçay İ. E., Acartürk A. B., Aydın ., Ghaffarı Vahdat K. Z., Project Supported by Higher Education Institutions, Üç Boyutlu Yazıcıda Basılmış Scutoid Yapılarda Hücre Davranışının İncelenmesi, 2024 - 2025

YÜCE S., Ergin R. D., Project Supported by Higher Education Institutions, Hiperbolik Küresel Trigonometri, 2023 - 2024

Yüce S., Gözütok U., TUBITAK Project, İki boyutlu rasyonel cebirsel eğrilerin projektif/afin denklikleri ve simetrilerinin yeni ve etkili bir algoritma ile saptanması, 2022 - 2024

Yüce S., Kaplan İ., Ayan R., Aykut H. F., Ergül E., TUBITAK Project, MATRİSLER TEORİSİ: KOMPLEKS ve DUAL SAYILAR, 2020 - 2021

YÜCE S., çoruh s., Project Supported by Higher Education Institutions, Lorentz uzayında ve Lorentz düzleminde temel kavramlar, 2018 - 2021

Yüce S., Karaman A., TUBITAK Project, MATRİSLER TEORİSİ: KUATERNİYONLAR, 2020 - 2020

Yüce S., Ergin R. D., Aktaş S. N., Ergen M., TUBITAK Project, MATEMATİK VE GEOMETRİ ÖĞRETİMİNE İSPATLARLA YAKLAŞIM, 2019 - 2020

Yüce S., Ertaş M. A., Topal M. B., TUBITAK Project, SAYILAR ve GEOMETRİ: GALILE DÜZLEMİ ve DUAL SAYILAR, 2018 - 2019

Yüce S., Ademir B., Gülfidan K., Açıkgöz S., TUBITAK Project, SAYILAR ve GEOMETRI: ÖKLID UZAYI ve KUATERNİYONLAR, 2018 - 2019

YÜCE S., dağdeviren a., Project Supported by Higher Education Institutions, DUAL KUATERNİYONLAR VE DUAL QUATERNİYONİK EĞRİLER, 2018 - 2019

YÜCE S., ŞENTÜRK G. Y., Project Supported by Higher Education Institutions, Lorentz Düzleminde 2-Parametreli Hareketler ve Kutup Eksen Yoğunluğu, 2018 - 2019

YÜCE S., Project Supported by Higher Education Institutions, 1-Parametreli Düzlemsel Hiperbolik Hareketler Altında Yüksek Mertebeden İvmeler ve Pol Noktaları, 2013 - 2015

YÜCE S., Project Supported by Higher Education Institutions, Düzlemsel Homotetik Hareketler Altında Kapalı Yörünge Eğrisinin Kutupsal Atalet Momenti için Holditch-Tipi Teoremlerin Genelleştirilmesi, 2010 - 2012

Activities in Scientific Journals

RECEP TAYYİP ERDOĞAN ÜNIVERSITY JOURNAL OF SCIENCE AND ENGINEERING, Editor, 2020 - Continues
HAGIA SOPHIA JOURNAL OF GEOMETRY (HSJG), First Editor, 2019 - Continues

Memberships / Tasks in Scientific Organizations

Geometriciler Derneği, Regional Representative, 2020 - Continues, Turkey
Matematikçiler Derneği, Member, 2016 - Continues, Turkey

Tasks In Event Organizations

Yüce S., internaTional symposiUm on Research in mAthematics and mechaNics (TURAN24), Scientific Congress, İstanbul, Turkey, Eylül 2024

Yüce S., 2209A, 2209B Çalıştayı , Workshop Organization, İstanbul, Turkey, Mayıs 2024

Yüce S., YTÜ-FEF-Panel Moderatörlüğü-Konuşmacı: Prof. Dr. Misir Mardanov, Konuşma Başlığı: Azerbaycan'da Eğitimin Gelişme Aşamaları, Türk Eğitimi ile İlişkiler, Social Activities, İstanbul, Turkey, Mayıs 2024

Yüce S., Temel Bilimler Farkındalık Çalıştayı, Workshop Organization, İstanbul, Turkey, Nisan 2024

Yüce S., Gürses N., 11th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2022), Scientific Congress, İstanbul, Turkey, Eylül 2022

Yüce S., 19th International Geometry Symposium, Scientific Congress, Edirne, Turkey, Haziran 2022

Yüce S., 3. International Conference on Life and Engineering Sciences (ICOLES 2020), Scientific Congress, İstanbul, Turkey, Aralık 2020

Yüce S., Gürses N., Aydoğdu İ., Köklü K., 13. Geometri Sempozyumu-YTÜ, Scientific Congress, İstanbul, Turkey, Temmuz 2015

Scientific Research / Working Group Memberships

Yüce Research Group, Yildiz Technical University, Türkiye, https://avesis.yildiz.edu.tr/arastirma-grubu/yucerg, 2006 - Continues

Metrics

Publication: 237
Citation (WoS): 125
Citation (Scopus): 217
H-Index (WoS): 7
H-Index (Scopus): 9

Invited Talks

"Fen Edebiyat Fakültesi Sadece Öğretmen Yetiştirmez!, Workshop, Yıldız Teknik Üniversitesi, Turkey, April 2024
New Horizons on Holditch Theorem, Conference, 19th International Geometry Symposium, Turkey, June 2022
Derslerden Ötesi: Matematik, Seminar, Yıldız Teknik Üniversitesi, Turkey, March 2021
Tecrübe Konuşuyor: Geleceğin Meslekleri, Seminar, İhlas Koleji, Turkey, March 2020
Yükseköğretim Mevzuatında Güncel Başlıklar, Seminar, Recep Tayyip Erdoğan Üniversitesi, Turkey, January 2020
Sayılar ve Geometri, Seminar, Beykent Üniversitesi, Turkey, December 2019
Akademisyenlik Hakkında, Seminar, Yıldız Teknik Üniversitesi, Turkey, March 2019
Neden Matematik, Doğru Üniversite Tercihi,, Seminar, İstanbul Kartal Anadolu İmam Hatip Lisesi, Turkey, April 2018
Akademisyenlik, Seminar, İstanbul Ali Fuat Cebesoy Kız İmam Hatip Lisesi, Turkey, December 2017
II. Marmara Matematik Günleri, Workshop, Marmara Üniversitesi, Turkey, October 2016
1-Parameter Planar Motions, Conference, Issyk-Kul International Mathematical Forum, Turkey, June 2015
Akademisyen Olmanın Yolları, Seminar, Sivil Toplum Hareketi Kariyer Okumaları, Turkey, February 2015

Non Academic Experience

Other Public Institution, TBMM, TBMM
OMU