

## Prof. Salim YÜCE

### Personal Information

Office Phone: [+90 212 383 4353](tel:+902123834353)

Fax Phone: [+90 212 383 4353](tel:+902123834353)

Email: [sayuce@yildiz.edu.tr](mailto: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

### Education Information

Doctorate, Ondokuz Mayıs University, Institute Of Science, Matematik, Turkey 1999 - 2004

Postgraduate, Ondokuz Mayıs University, Institute Of Science, Matematik, Turkey 1996 - 1999

Undergraduate, Ondokuz Mayıs 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, Yıldız Technical University, Faculty Of Arts & Science, Department Of Mathematics, 2012 - Continues

Associate Professor, Yıldız Technical University, Faculty Of Arts & Science, Department Of Mathematics, 2006 - 2012

Assistant Professor, Yıldız Technical University, Faculty Of Arts & Science, Department Of Mathematics, 2006 - 2006

Research Assistant PhD, Ondokuz Mayıs University, Fen Edebiyat Fakültesi, Matematik, 2004 - 2006

Research Assistant, Ondokuz Mayıs University, Fen Edebiyat Fakültesi, Matematik Bölümü, 1999 - 2004

Research Assistant, Ondokuz Mayıs University, Institute Of Science, Fen Bilimleri Enstitüsü, 1997 - 1999

### Academic and Administrative Experience

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, 2012 - 2014

Yıldız Teknik Üniversitesi, Rectorate, 2012 - 2014

Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, 2009 - 2013

## Advising Theses

- Yüce S.,  $E^4$  Öklid Uzayında Öteleme Hiperyüzeyleri, Postgraduate, İ.AKKILINÇ(Student), 2021
- Yüce S., Kuaterniyon n-Uzayının Cebirsel Yapıları ve Eğriler Teorisi, Doctorate, D.ALTUN(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-Parametrelili 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.AKBİYİK(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-Parametrelili 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-Parametrelili 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.AKBİYİK(Student), 2012
- YÜCE S., 2-Parametrelili Düzlemsel Hareketler, Postgraduate, F.YEŞİLTAS(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. **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 (Journal Indexed in SCI Expanded)
- II. **On metallic ratio in  $Z(p)$**   
Yamac Akbiyik S., AKBİYİK M., YÜCE S.  
MATHEMATICAL METHODS IN THE APPLIED SCIENCES, vol.42, no.16, pp.5535-5550, 2019 (Journal Indexed in SCI)
- III. **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 (Journal Indexed in SCI)
- IV. **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 (Journal Indexed in SCI)
- V. **Dual Quaternions and Dual Quaternionic Curves**

- Dağdeviren A., Yüce S.  
FILOMAT, vol.33, no.4, pp.1037-1046, 2019 (Journal Indexed in SCI)
- VI. **Serret-Frenet Frame and Curvatures of Bezier Curves**  
Erkan E., Yüce S.  
MATHEMATICS, vol.6, 2018 (Journal Indexed in SCI)
- VII. **The areas of the trajectory surface under the Galilean motions in the Galilean space**  
Akbiyik M., Yüce S.  
INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS, vol.15, no.9, 2018 (Journal Indexed in SCI)
- VIII. **GAUSSIAN DUAL FIBONACCI NUMBERS**  
Aydin F. T. , YÜCE S.  
UTILITAS MATHEMATICA, vol.106, pp.185-199, 2018 (Journal Indexed in SCI)
- IX. **A Geometric Aspect of the Two-Parameter Planar Lorentzian Motions**  
Şentürk G. Y. , Yüce S.  
MATHEMATICAL PROBLEMS IN ENGINEERING, vol.2018, 2018 (Journal Indexed in SCI)
- X. **Bertrand Offsets of Ruled Surfaces with Darboux Frame**  
ŞENTÜRK G. Y. , YÜCE S.  
RESULTS IN MATHEMATICS, vol.72, no.3, pp.1151-1159, 2017 (Journal Indexed in SCI)
- XI. **A New Approach to Jacobsthal Quaternions**  
Torunbalcı Aydın F., Yüce S.  
FILOMAT, vol.31, pp.5567-5579, 2017 (Journal Indexed in SCI)
- XII. **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 (Journal Indexed in SCI)
- XIII. **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 (Journal Indexed in SCI)
- XIV. **A New Aspect of Dual Fibonacci Quaternions**  
YÜCE S., Aydın F. T.  
ADVANCES IN APPLIED CLIFFORD ALGEBRAS, vol.26, no.2, pp.873-884, 2016 (Journal Indexed in SCI)
- XV. **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 (Journal Indexed in SCI)
- XVI. **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 (Journal Indexed in SCI)
- XVII. **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 (Journal Indexed in SCI)
- XVIII. **Dual Plane and Kinematics**  
YÜCE S., AKAR M.  
CHIANG MAI JOURNAL OF SCIENCE, vol.41, no.2, pp.463-469, 2014 (Journal Indexed in SCI)
- XIX. **On the Octonionic Inclined Curves in the 8-Dimensional Euclidean Space**  
Bektas O., Yüce S.  
MATHEMATICAL PROBLEMS IN ENGINEERING, 2014 (Journal Indexed in SCI)
- XX. **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 (Journal Indexed in SCI)

- XXI. **SPLIT QUATERNION MATRICES**  
ALAGÖZ Y., Oral K. H. , Yüce S.  
MISKOLC MATHEMATICAL NOTES, vol.13, no.2, pp.223-232, 2012 (Journal Indexed in SCI)
- XXII. **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 (Journal Indexed in SCI Expanded)
- XXIII. **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 (Journal Indexed in SCI)
- XXIV. **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 (Journal Indexed in SCI)
- XXV. **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 (Journal Indexed in SCI)
- XXVI. **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 (Journal Indexed in SCI)
- XXVII. **One-parameter plane hyperbolic motions**  
YÜCE S., Kuruoğlu N.  
ADVANCES IN APPLIED CLIFFORD ALGEBRAS, vol.18, no.2, pp.279-285, 2008 (Journal Indexed in SCI)
- XXVIII. **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 (Journal Indexed in SCI)
- XXIX. **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 (Journal Indexed in SCI)
- XXX. **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 (Journal Indexed in SCI)
- XXXI. **Some Properties of Ruled Surfaces under Homothety in  $E^3$**   
YÜCE S., KURUOĞLU N.  
MATHEMATICAL AND COMPUTATIONAL APPLICATIONS, vol.7, no.3, pp.235-239, 2002 (Journal Indexed in SCI Expanded)

## Articles Published in Other Journals

- I. **New Insight Into Quaternions and Their Matrices (accept)**  
Şentürk G. Y. , Gürses N., Yüce S.  
Communications Faculty of Sciences University of Ankara Series A1 Mathematics and Statistics, vol.0, 2022 (Journal Indexed in ESCI)
- II. **Investigating Generalized Quaternions with Dual-Generalized Complex Numbers (published online)**  
Gürses N., Şentürk G. Y. , Yüce S.  
Mathematica Bohemica, vol.0, no.0, 2022 (Journal Indexed in ESCI)
- III. **Construction of Dual-Generalized Complex Fibonacci and Lucas Quaternions (in press)**  
Şentürk G. Y. , Gürses N., Yüce S.  
Carpathian Mathematical Publications, vol.0, no.0, 2022 (Journal Indexed in ESCI)

- IV. **Algebraic Construction for Dual Quaternions with GCN**  
Şentürk G. Y. , Gürses N., Yüce S.  
BİTLİS EREN UNIVERSITY JOURNAL OF SCIENCE, vol.11, no.2, pp.586-593, 2022 (International Refereed University Journal)
- V. **Some New Properties of Octonionic Matrices**  
Bektaş Ö., Yüce S.  
Sigma Journal of Engineering and Natural Sciences, vol.0, no.0, pp.1, 2022 (Journal Indexed in ESCI)
- VI. **The Special Curves of Fibonacci and Lucas Curves**  
Ergül E., Yüce S.  
International Journal of Maps in Mathematics, vol.0, no.0, pp.1, 2022 (Other Refereed National Journals)
- VII. **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 (Journal Indexed in ESCI)
- VIII. **4-dimensional pseudo-Galilean geometry**  
Akbiyık M., Yüce S.  
Cumhuriyet Science Journal, vol.42, no.4, pp.890-905, 2021 (Refereed Journals of Other Institutions)
- IX. **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 (Journal Indexed in ESCI)
- X. **Algebraic structure and basics of analysis of n-dimensional quaternionic space**  
Altun D., Yüce S.  
HELIYON, vol.7, no.6, 2021 (Journal Indexed in ESCI)
- XI. **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 (Journal Indexed in ESCI)
- XII. **On The E. Study Maps For The Dual Quaternions**  
Yüce S.  
Applied Mathematics E-Notes, vol.21, pp.365-374, 2021 (Journal Indexed in ESCI)
- XIII. **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 (Other Refereed National Journals)
- XIV. **On Fibonacci Vectors**  
Çetinberk K., Yüce S.  
Hagia Sophia Journal of Geometry (HSJG) , vol.2, no.2, pp.12-25, 2020 (Other Refereed National Journals)
- XV. **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 (Refereed Journals of Other Institutions)
- XVI. **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 (Journal Indexed in ESCI)
- XVII. **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 (Journal Indexed in ESCI)
- XVIII. **Serret-Frenet formulas for octonionic curves**  
Bektaş Ö., Yüce S.  
Boletim da Sociedade Paranaense de Matematica, vol.38, pp.47-62, 2020 (Journal Indexed in ESCI)
- XIX. **Some New Properties of the Real Quaternion Matrices and Matlab Applications**  
NALBANT K. G. , YÜCE S.

Cumhuriyet Science Journal, 2019 (International Refereed University Journal)

- XX. **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 (Refereed Journals of Other Institutions)
- XXI. **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 (Refereed Journals of Other Institutions)
- XXII. **ON THE EVOLUTE OFFSETS OF RULED SURFACES USING THE DARBOUX FRAME**  
ŞENTÜRK G. Y. , YÜCE S.  
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.68, no.2, pp.1256-1264, 2019 (Journal Indexed in ESCI)
- XXIII. **On the Moving Coordinate System and Euler-Savary Formula in Affine Cayley-Klein Planes**  
Gürses N., Yüce S.  
DOKUZ EYLÜL ÜNİVERSİTESİ MÜHENDİSLİK FAKÜLTESİ FEN VE MÜHENDİSLİK DERGİSİ, vol.21, no.0, pp.137-148, 2019 (International Refereed University Journal)
- XXIV. **A Survey on the Base, Rolling and Roulette Curves on Generalized Complex Number Plane  $C_J$**   
Akbiyık M., Gürses N., Yüce S.  
Konuralp Journal of Mathematics (KJM), vol.7, no.1, pp.228-232, 2019 (Refereed Journals of Other Institutions)
- XXV. **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 (Refereed Journals of Other Institutions)
- XXVI. **On the Dual Hyperbolic Numbers and the Complex Hyperbolic Numbers**  
Akar M., Yüce S., Şahin S.  
Journal of Computer Science & Computational Mathematics, vol.8, no.1, pp.1-6, 2018 (Refereed Journals of Other Institutions)
- XXVII. **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 (National Refereed University Journal)
- XXVIII. **A METHOD FOR MANNHEIM OFFSETS OF RULED SURFACES**  
ŞENTÜRK G. Y. , YÜCE S.  
JOURNAL OF SCIENCE AND ARTS, no.4, pp.827-836, 2018 (Journal Indexed in ESCI)
- XXIX. **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 (International Refereed University Journal)
- XXX. **Generalized Dual Pell Quaternions**  
TORUNBALCI AYDIN F., KÖKLÜ K., YÜCE S.  
NOTES ON NUMBER THEORY AND DISCRETE MATHEMATICS, vol.23, no.4, pp.66-84, 2017 (Journal Indexed in ESCI)
- XXXI. **On the Quaternionic Focal Curves**  
Gürses N., Bektaş Ö., Yüce S.  
SÜLEYMAN DEMİREL ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, vol.21, no.2, pp.357-366, 2017 (International Refereed University Journal)
- XXXII. **Some New Generalizations of the Lucas Sequence**  
Torunbalcı Aydın F., Yüce S.  
International Journal of Mathematical Combinatorics, pp.36-52, 2017 (Refereed Journals of Other Institutions)
- XXXIII. **On The Volume Of The Trajectory Surface Under The Galilean Motions In The Galilean Space**

- Akbıyık M., Yüce S.  
APPLIED MATHEMATICS E-NOTES, vol.17, pp.297-306, 2017 (Journal Indexed in ESCI)
- XXXIV. **Dual Pell Quaternions**  
Torunbalcı Aydın F., Yüce S.  
JOURNAL OF ULTRA SCIENTIST OF PHYSICAL SCIENCES, vol.28, no.7, pp.328-339, 2016 (Refereed Journals of Other Institutions)
- XXXV. **Generalized Dual Fibonacci Quaternions**  
Yuce S., Torunbalcı Aydın F.  
Applied Mathematics E-Notes, vol.16, pp.276-289, 2016 (Refereed Journals of Other Institutions)
- XXXVI. **Generalized Dual Fibonacci Sequence**  
Yüce S., Torunbalcı Aydın F.  
The International Journal of Science&Technoledge, vol.4, no.9, pp.193-200, 2016 (Refereed Journals of Other Institutions)
- XXXVII. **Quaternionic osculating curves in Euclidean and semi-Euclidean space**  
Bektaş Ö., Gürses N., Yüce S.  
JOURNAL OF DYNAMICAL SYSTEMS AND GEOMETRIC THEORIES, vol.14, no.1, pp.65-84, 2016 (Journal Indexed in ESCI)
- XXXVIII. **Euler Savary's Formula On Complex Plane C**  
AKBIYIK M., YÜCE S.  
Applied Mathematics E-Notes, vol.2016, no.16, pp.65-71, 2016 (International Refereed University Journal)
- XXXIX. **SPECIAL SMARANDACHE CURVES IN R-1(3)**  
Gürses N., Bektaş Ö., Yüce S.  
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.65, no.2, pp.143-160, 2016 (Journal Indexed in ESCI)
- XL. **Integral Invariants Of Mannheim Offsets Of Ruled Surfaces**  
ŞENTÜRK G. Y. , YÜCE S., KASAP E.  
APPLIED MATHEMATICS E-NOTES, vol.16, pp.198-209, 2016 (Journal Indexed in ESCI)
- XLI. **The Moving Coordinate System And Euler-Savary's Formula For The One Parameter Motions On Galilean (Isotropic) Plane**  
Akbıyık M., Yüce S.  
International Journal of Mathematical Combinatorics, vol.2, pp.88-105, 2015 (International Refereed University Journal)
- XLII. **Properties of integral invariants of the involute-evolute offsets of ruled surfaces**  
Şentürk G. Y. , YÜCE S.  
International Journal of Pure and Applied Mathematics, vol.102, no.4, pp.757-768, 2015 (Refereed Journals of Other Institutions)
- XLIII. **Galilean Bobillier Formula for One Parameter Planar Motions**  
Gürses N., Akbıyık M., Yüce S.  
International Journal of Mathematical Combinatorics, vol.4, pp.74-83, 2015 (Refereed Journals of Other Institutions)
- XLIV. **One parameter Planar Motions in Affine Cayley Klein Planes**  
Bayrak Gürses N., Yüce S.  
EUROPEAN JOURNAL OF PURE AND APPLIED MATHEMATICS, no.7, pp.335-342, 2014 (Refereed Journals of Other Institutions)
- XLV. **Osculating Spheres a Semi Real Quaternionic Curve in  $E_2^4$**   
Bektaş Ö., Gürses N., Yüce S.  
EUROPEAN JOURNAL OF PURE AND APPLIED MATHEMATICS, vol.7, pp.86-96, 2014 (Refereed Journals of Other Institutions)
- XLVI. **The Investigation of Viewpoint of Academic Staff and Graduate Students in Teaching Geometry in Elementary School**  
Gürses N., Yüce S., Yüce M. K.

Procedia -Social And Behavioral Sciences, vol.116, no.21, pp.2115-2119, 2014 (Refereed Journals of Other Institutions)

**XLVII. One-Parameter Planar Motion on the Galilean Plane**

Akar M., Yüce S., Kuruoğlu N.

International Electronic Journal of Geometry (IEJG), vol.6, no.1, pp.79-88, 2013 (Journal Indexed in ESCI)

**XLVIII. Special Involute Evolute Partner D Curves in E 3**

BEKTAŞ Ö., YÜCE S.

European Journal of Pure And Applied Mathematics, pp.20-29, 2013 (Refereed Journals of Other Institutions)

**XLIX. Special Smarandache Curves According to Darboux Frame in E 3**

BEKTAŞ Ö., YÜCE S.

Romanian Journal of Mathematics and Computer Science, pp.48-59, 2013 (Refereed Journals of Other Institutions)

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- V. **The Special Curves of Fibonacci and Lucas Curves**  
Ergül E., Yüce S.  
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- VI. **On Analysis of Dualization and Dual Quaternionization**

Ay Ç., Yüce S.

International Conference on Life, and Engineering Sciences, İstanbul, Turkey, 11 - 13 December 2020, pp.59

VII. **A New Approach to Generalized Cantor Set in Fractal Geometry**

Karaçay İ. E. , Yüce S.

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VIII. **Algebraic Structure of n-dimensional Quaternionic Space**

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IX. **A Comprehensive Survey of Dual Generalized Complex Fibonacci Numbers**

Gürses N., Şentürk G. Y. , Yüce S.

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X. **4-BOYUTLU ÖKLİD UZAYINDA ÖTELEME HİPERYÜZEYLERİ**

Akkılınç İ., Yüce S.

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XI. **Algebraic Structures of the Quaternionic Space  $H^n$**

Altun D., Yüce S.

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XII. **Minkowski Uzayında Gram-Schmidt Metodu**

Çoruh S., Yüce S.

32. Ulusal Matematik Sempozyumu, Samsun, Turkey, 31 August - 03 September 2019, pp.89

XIII. **The Theory of Bézier Curves in  $E^4$**

ERKAN E., YÜCE S.

International Conference on Pure and Applied Mathematics (ICPAM, VAN), Van, Turkey, 11 September 2018, pp.75

XIV. **A Study on Mannheim Offsets of Ruled Surfaces**

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XV. **Moving Coordinate System and Euler-Savary Formula under OneParameterPlanar Homothetic Motions in Generalized Complex NumberPlane  $C_j$**

Gürses N., Yüce S., Akbıyık M.

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XVI. **On the Complex Fibonacci 3-vectors**

Çetinberk K., Yüce S.

16th International Geometry Symposium, Manisa, Turkey, 04 July 2018, pp.125

XVII. **Determinant of Dual Quaternion Matrices and Matlab Applications**

Nalbant K. G. , Yüce S.

16th International Geometry Symposium, Manisa, Turkey, 04 July 2018, pp.41

XVIII. **Basic Concepts of Lorentz Space**

Çoruh S., YÜCE S.

16th International Geometry Symposium, Manisa, Turkey, 04 July 2018, pp.299

XIX. **Inverse of Dual Quaternion Matrices and Matlab Applications**

Nalbant K. G. , Yüce S.

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XX. **On the Dual Quaternionic Inclined Curves**

DAĞDEVİREN A., YÜCE S.

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XXI. **A Method for the Involute-Evolute Offsets of Ruled Surfaces**

ŞENTÜRK G. Y. , YÜCE S.

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- XXII. **ONE-PARAMETER HOMOTHETIC MOTIONS IN GENERALIZED COMPLEX NUMBER PLANE  $C_J$**   
GÜRSES N., AKBIYIK M., YÜCE S.  
International Congress On Mathematics Statistics And Analytical Methods, İstanbul, Turkey, 02 March 2018, pp.22-23
- XXIII. **Dual Quaternion Matrices and Matlab Applications**  
NALBANT K. G. , YÜCE S.  
International Congress On Mathematics Statistics And Analytical Methods, İstanbul, Turkey, 02 March 2018, pp.33-34
- XXIV. **The Densities of The Sets of (Non) Collinear Points and Intersecting Lines in the Euclidean Plane**  
ŞENTÜRK G. Y. , YÜCE S.  
International Congress On Mathematics Statistics And Analytical Methods, İstanbul, Turkey, 02 March 2018, pp.48
- XXV. **One-Parameter Homothetic Motion on the Galilean Plane**  
Akbiyik M., Yüce S.  
13th Algebraic Hyperstructures and its Applications Conference (AHA2017), İstanbul, Turkey, 24 - 27 July 2017
- XXVI. **Dual Quaternions and Dual Quaternionic Curves**  
DAĞDEVİREN A., YÜCE S.  
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- XXVII. **Euler-Savary's Formula On Dual Plane**  
AKBIYIK M., YÜCE S.  
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- XXVIII. **One-Parameter Planar Motions in Generalized Complex Number Plane  $C_J$**   
GÜRSES N., YÜCE S.  
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- XXIX. **On Fibonacci Vectors**  
ÇETİNERBERK K., YÜCE S.  
15th International Geometry Symposium, Amasya, Turkey, 03 July 2017, pp.205
- XXX. **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, 03 July 2017, pp.44-45
- XXXI. **The spacelike ruled surfaces with Darboux frame in  $E^3_1$**   
ŞENTÜRK G. Y. , YÜCE S.  
15th International Geometry Symposium, Amasya, Turkey, 03 July 2017, pp.46-47
- XXXII. **The volume of the trajectory surface in 3-Dimensional Galilean Space**  
AKBIYIK M., YÜCE S.  
INTERNATIONAL CONFERENCE ON MATHEMATICS AND ENGINEERING (ICOME), İstanbul, Turkey, 10 May 2017, pp.399
- XXXIII. **Matrix Representations of Split Octonions and Their Applications**  
BEKTAŞ Ö., YÜCE S.  
INTERNATIONAL CONFERENCE ON MATHEMATICS AND ENGINEERING (ICOME), İstanbul, Turkey, 10 May 2017, pp.172
- XXXIV. **ÖKLİD VE ÖKLİD DIŞI DÜZLEMLERDE KİNEMATİK**  
YÜCE S.  
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- XXXV. **A survey on the Base, Rolling and Roulette Curves on Generalized Complex Number Plane  $C_J$**   
Akbiyik M., Gürses N., Yüce S.  
2nd International Conference on Pure and Applied Sciences, İstanbul, Turkey, 01 June 2016, pp.153
- XXXVI. **Gaussian Dual Fibonacci Numbers**  
Torunbalcı Aydın F., Yüce S.

13. Geometri Sempozyumu, İstanbul, Turkey, 27 - 30 July 2015, pp.1
- XXXVII. **Euler-Savary Formula for One-Parameter Motions in Affine Cayley-Klein Planes**  
Gürses N., Yüce S.  
13. Geometri Sempozyumu, İstanbul, Turkey, 27 July 2015, pp.20
- XXXVIII. **Reel Oktanionlara Karşılık Gelen Matrisler için De Moivre ve Euler Formülleri**  
BEKTAŞ Ö., YÜCE S.  
13. Geometry Sempozyumu, Turkey, 27 - 30 July 2015
- XXXIX. **Bertrand Offsets of Ruled Surface with Darboux Frame**  
Şentürk G. Y. , Yüce S.  
13. Geometry Sempozyumu, İstanbul, Turkey, 27 - 30 July 2015, pp.111
- XL. **1 PARAMETER PLANAR MOTIONS**  
YÜCE S.  
Issyk-Kul International Mathematical Forum, 24 - 27 June 2015
- XLI. **Some Algebraic Properties on n Dimensional Dual Lorentzian Space**  
DAĞDEVİREN A., YÜCE S.  
Seventh International Conference on Dynamic Systems and Applications & Fifth International Conference on Neural, Paralel, and Scientific Computations, 27 - 30 May 2015
- XLII. **Higher-Order Poles under the One-Parameter Planar Dual Motion**  
AKAR M., Şahin S., Yüce S.  
Seventh International Conference on Dynamic Systems and Applications & Fifth International Conference on Neural, Paralel, and Scientific Computations, 01 May 2015
- XLIII. **On the Moving Coordinate System and Pole Points in Affine Cayley-Klein Planes**  
Gürses N., Yüce S.  
2015 Joint Mathematics Meetings, Texas, United States Of America, 10 January 2015, pp.1
- XLIV. **Properties of Integral Invariants of the Ruled Surface with Darboux Frame in  $E^3$**   
ŞENTÜRK G. Y. , YÜCE S.  
2015 Joint Mathematics Meetings, Texas, San Antonio, United States Of America, 10 January 2015, pp.502
- XLV. **On the special Octonionic Curves in the 8 dimensional Euclidean Space**  
YÜCE S., BEKTAŞ Ö.  
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- XLVI. **On The Octonionic Inclined Curves in The 8 Dimensional Euclidean Space**  
BEKTAŞ Ö., YÜCE S.  
2015 Joint Mathematics Meetings, San-Antonio, United States Of America, 10 - 13 January 2015
- XLVII. **Higher-Order Velocities and Accelerations under the One-Parameter Planar Dual Motions**  
AKAR M., Şahin S., Yüce S.  
2015 Joint Mathematics Meetings, 01 January 2015
- XLVIII. **Galilean Bobillier Formula for One Parameter Planar Motions**  
GÜRSES N., AKBIYIK M., YÜCE S.  
33nd Colloquim on Combinatorics, Ilmenau, Germany, 07 November 2014, pp.1
- XLIX. **Real Variable Serret Frenet Formulae Of An Octonion Valued Function**  
Bektaş Ö., Yüce S.  
33nd Colloquim on Combinatorics,, Ilmenau, Germany, 7 - 08 November 2014, pp.9
- L. **“Characteristic Properties of the Ruled Surface with Darboux Frame in  $E^3$**   
Şentürk G. Y. , Yüce S.  
33nd Colloquim on Combinatorics, Ilmenau, Germany, 7 - 08 November 2014, pp.32
- LI. **One Parameter Planar Motions in Affine Cayley Klein Planes**  
Gürses N., Yüce S.  
33nd Colloquim on Combinatorics, Ilmenau, Germany, 7 - 08 November 2014
- LII. **A New Expression for Higer Order Accelerations and Poles under the One Parameter Planar Hyperbolic Homothetic Motions**  
Şahin S., Yüce S.

10th International Conference on Clifford Algebras and their Applications in Mathematical Physics, Tartu, Estonia, 4 - 09 August 2014, pp.1

- LIII. **Properties of Integral Invariants of The Mannheim Offsets of Ruled Surfaces**  
ŞENTÜRK G. Y. , YÜCE S.  
XII. Geometri Sempozyumu, Bilecik, Turkey, 23 June 2014, pp.49
- LIV. **Properties of Integral Invariants of the Involute- Evolute Offsets of Ruled Surfaces**  
Şentürk G. Y. , Yüce S.  
XII. Geometri Sempozyumu, Bilecik, Turkey, 23 - 26 June 2014, pp.48
- LV. **On the Hyperbolic Complex Numbers**  
Şahin S., Akar M., Yüce S.  
38th Annual SIAM Southeastern Atlantic Section Conference, Melbourne, Florida, United States Of America, 29 - 30 March 2014, pp.1
- LVI. **Higher Order Poles under the Inverse One-Parameter Planar Hyperbolic Motions.**  
Şahin S., Yüce S.  
38th Annual SIAM Southeastern Atlantic Section Conference at Florida Institute of Technology, Florida, United States Of America, 28 - 30 March 2014, pp.1
- LVII. **On Special Dual Matrices**  
Dağdeviren A., Yüce S.  
38th Annual SIAM Southeastern Atlantic Section Conference at Florida Institute of Technology, Florida, United States Of America, 28 - 30 March 2014, pp.1
- LVIII. **Dual matrices with Lorentzian matrix multiplication**  
Dağdeviren A., Yüce S.  
AMS Sectional Meeting at the University of Tennessee-Knoxville, Tennessee, United States Of America, 21 - 23 March 2014, pp.1
- LIX. **Higher Order Accelerations under the Inverse One-Parameter Planar Hyperbolic Motions**  
Şahin S., Yüce S.  
AMS Sectional Meeting at the University of Tennessee-Knoxville, Tennessee, United States Of America, 21 - 23 March 2014, pp.1
- LX. **The Investigation of the Viewpoint of Academic Staff and Graduate Students in Teaching Geometry in Elementary School**  
Bayrak N., YÜCE S., Yüce M. K.  
5th World Conference on Educational Sciences (WCES), Rome, Italy, 5 - 08 February 2013, vol.116, pp.2115-2119
- LXI. **Quaternionic Osculating Curves in Semi Euclidean Space  $E_2^4$**   
BEKTAŞ Ö., GÜRSES N., YÜCE S.  
2nd International Conference on Mathematical Sciences and Applications (IECMSA 2013), Saraybosna, Bosnia And Herzegovina, 26 August 2013, pp.281
- LXII. **On the Osculating Spheres of a Dual Quaternionic and Dual Split Quaternionic Curve**  
GÜRSES N., BEKTAŞ Ö., AKBIYIK M., YÜCE S.  
2nd International Conference on Mathematical Sciences and Applications (IECMSA 2013), Saraybosna, Bosnia And Herzegovina, 26 August 2013, pp.275
- LXIII. **Quaternionic Focal Curves in  $E^4$**   
GÜRSES N., BEKTAŞ Ö., YÜCE S.  
XI. Geometri Sempozyumu, Ordu, Turkey, 01 July 2013, pp.61
- LXIV. **Special Smarandache Curve According To Darboux Frame in  $E^3$**   
Bektaş Ö., Yüce S.  
XI. Geometri Sempozyumu, Ordu, Türkiye, 01 Temmuz 2013, Ordu, Turkey, 1 - 05 July 2013, pp.36
- LXV. **Semi Real Quaternionic Focal Curves in Semi Euclidean Space  $E_2^4$**   
GÜRSES N., BEKTAŞ Ö., YÜCE S.  
International Conference on Applied Analysis and Mathematical Modeling (ICAAMM 2013), İstanbul, Turkey, 02 June 2013, pp.353
- LXVI. **Some Properties of Lorentzian Matrix Multiplication**

DAĞDEVİREN A., YÜCE S.

International Conference on Applied Analysis and Mathematical Modeling (ICAAMM-2013), İstanbul, Turkey, 02 June 2013, pp.1

**LXVII. Quaternionic Osculating Curves in  $E^4$**

Bektaş Ö., Gürses N., Yüce S.

International Conference on Applied Analysis and Mathematical Modeling (ICAAMM 2013), İstanbul, Turkey, 2 - 05 June 2013

**LXVIII. Osculating Spheres of Semi Real Quaternionic Curves in  $E^2_4$**

BEKTAŞ Ö., GÜRSES N., YÜCE S.

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**LXIX. A Note On Euler Savary's Formula On Galilean Plane**

Akbıyık M., Yüce S.

1st International Western Balkans Conference of Mathematical Sciences, Elbasan, Albania, 30 May - 01 June 2013, pp.1

**LXX. Some Properties on the Dual Hyperbolic Numbers**

AKAR M., Şahin S., Yüce S.

2013 Lehigh University Geometry and Topology Conference, Bethlehem, Pa, United States Of America, 24 May 2013, pp.1

**LXXI. Higher Order Accelerations and Poles under the One-Parameter Planar Hyperbolic Motions**

Şahin S., Yüce S.

2013 Lehigh University Geometry and Topology Conference, Pennsylvania, United States Of America, 24 - 26 May 2013, pp.8

**LXXII. Euler Savary's Formula on Galilean Plane**

AKBIYIK M., YÜCE S.

The Algerian-Turkish International days on Mathematics 2012, Annaba, Algeria, 09 October 2012, pp.133

**LXXIII. Holditch-Type Theorem for the planar Lorentzian motions**

Kuruoğlu N., Yüce S.

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

**LXXIV. On the Moving Coordinate System on Galilean Plane And Pole Lines**

AKBIYIK M., YÜCE S.

International Conference on Applied Analysis and Algebra, İstanbul, Turkey, 02 June 2012, pp.1

**LXXV. A Holditch-Type Theorem for the Polar Moment of Inertia Under the 1-Parameter Closed Planar Homothetic Motion**

Akar M., Yüce S.

International Conference on Applied Analysis and Algebra, İstanbul, Turkey, 20 June 2012, pp.194

**LXXVI. Special Involute-Evolute Partner D-Curves in  $E^3$**

Bektaş Ö., Yüce S.

International Conference on Applied Analysis and Algebra, İstanbul, Turkey, 20 June 2012, pp.213

**LXXVII. Special Smarandache Curves in  $E^1_3$**

BAYRAK N., BEKTAŞ Ö., YÜCE S.

International Conference on Applied Analysis and Algebra (ICAAA 2012), 20 - 24 June 2012

**LXXVIII. One-Parameter Planar Motion in the Galilean Plane**

Akar M., Yüce S.

International Conference on Applied Analysis and Algebra, İstanbul, Turkey, 29 June - 02 July 2011, pp.1

**LXXIX. A Generalization of the Polar Moment of Inertia under the 1-Parameter Closed Planar Homothetic Motion and Maple Examples**

Akar M., Yüce S.

Sixth International Conference on Dynamic Systems and Applications, Atlanta, Georgia, USA, Georgia, United States Of America, 25 May 2011, vol.6, pp.5

**LXXX. High Order Accelerations, Poles under the One-Parameter Planar Homothetic Motions and Their Maple Examples**

şahin s., YÜCE S.

Sixth International Conference on Dynamic Systems and Applications, Atlanta, Georgia, United States Of America, 25 May 2011, pp.1

- LXXXI. **On the Generalizations of the Polar Moments of Inertia under the Homothetic Motions**  
AKAR M., Yüce S.  
2011 Joint Mathematics Meetings (JMM), 01 January 2011
- LXXXII. **On the Polar Moment of Inertia under the 1-Parameter Closed Homothetic Motions in Lorentzian 3-Space**  
yıldırım h., YÜCE S., KURUOĞLU N.  
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- LXXXIII. **HOLDITCH TYPE THEOREMS UNDER THE 1-PARAMETER CLOSED HOMOTHETIC MOTIONS IN LORENTZIAN 3-SPACES**  
Yıldırım H., Yüce S., Kuruoğlu N.  
VIII. GEOMETRİ SEMPOZYUMU, Antalya, Turkey, 29 April - 02 May 2010, pp.1
- LXXXIV. **The generalizations of the Holditch-Type Theorems for the closed projection curves in Euclidean 3-space**  
yıldırım h., YÜCE S., KURUOĞLU N.  
21. Ulusal Matematik Sempozyumu, İstanbul, Turkey, 01 September 2008, pp.1
- LXXXV. **Holditch Theorem for the closed space curves in Lorentzian 3-space**  
Yıldırım H., Yüce S.  
20th International Congress of Jangjeon Mathematical Society, Bursa, Turkey, 21 - 23 August 2008, pp.1
- LXXXVI. **HOLDITCH-TYPE THEOREMS FOR THE 1-PARAMETER CLOSED MOTIONS USING LORENTZIAN MAYTRIX MULTIPLACATION**  
Yıldırım H., Yüce S., Kuruoğlu N.  
20th International Congress of Jangjeon Mathematical Society, Bursa, Türkiye, 21 - 23 Ağustos 2008, ss.1, Bursa, Turkey, 21 - 23 August 2008, pp.1
- LXXXVII. **Holditch-Type Theorems for the Polar Moment Of Inertia in Lorentzian 3-space**  
yıldırım h., YÜCE S., KURUOĞLU N.  
VI. Geometri Sempozyumu, Uludağ Üniversitesi, Bursa, Turkey, 04 July 2008, pp.1
- LXXXVIII. **3-BOYUTLU ÖKLİD UZAYINDA İZDÜŞÜM EĞRİLERİ İÇİN HOLDITCH TİPİ TEOREMLERİN GENELLEŞTİRİLMELERİ**  
Yıldırım H., Yüce S., Kuruoğlu N.  
VI. Geometri Sempozyumu, Uludağ Üniversitesi, Bursa, Türkiye, 04 Temmuz 2008, ss.1, Bursa, Turkey, 4 - 06 July 2008, pp.1
- LXXXIX. **Spacelike Lorentz çemberinin bazı karakterizasyonları**  
yıldırım h., YÜCE S., KURUOĞLU N.  
V. Geometri Sempozyum, Sakarya, Turkey, 04 July 2007, pp.1
- XC. **Lorentz düzleminde pure olmayan üçgenler için Hiperbolik Kosinüs Teoremleri**  
yıldırım h., YÜCE S., KURUOĞLU N.  
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- XCI. **Holditch-Type Theorems under Homothetic Motions**  
YÜCE S., KURUOĞLU N.  
III. Geometri Sempozyumu, Eskişehir, Turkey, 04 July 2005, pp.1
- XCII. **The Steiner Formula for the open planar Homothetic motions.**  
Yüce S., Kuruoğlu N.  
II. Geometri Sempozyumu, Sakarya, Turkey, 1 - 05 August 2004, pp.1
- XCIII. **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
- XCIV. **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

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

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

Yüce S.

Technical Report, pp.14-17, 2022

## Supported Projects

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., Ertay M. A. , Topal M. B. , TUBITAK Project, SAYILAR ve GEOMETRİ: GALİLE DÜZLEMİ ve DUAL SAYILAR, 2018 - 2019

Yüce S., Ademir B., Gülfıdan K., Açıkgöz S., TUBITAK Project, SAYILAR ve GEOMETRİ: ÖKLİD 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-Parametrelı Hareketler ve Kutup Eksen Yoğunluğu, 2018 - 2019

YÜCE S., Project Supported by Higher Education Institutions, DUAL KUATERNİYONİK EĞRİLER, 2018 - 2019

YÜCE S., Project Supported by Higher Education Institutions, 1-Parametrelı Düzlemsel Hıperbolik 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 ÜNİVERSİTY JOURNAL OF SCIENCE AND ENGINEERING, Editor, 2020 - Continues

HAGIA SOPHIA JOURNAL OF GEOMETRY (HSJG), First Editor, 2019 - Continues

## Memberships / Tasks in Scientific Organizations

Geometriciler Derneđi, Regional Representative, 2020 - Continues, Turkey

Matematikçiler Derneđi, Member, 2016 - Continues, Turkey

## Tasks In Event Organizations

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

## Scientific Research / Working Group Memberships

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

## Citations

Total Citations (WOS):128

h-index (WOS):7

## Invited Talks

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