

# Prof. ESEN İYİGÜN

## Personal Information

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## International Researcher IDs

ScholarID: AzXuZGIAAAAJ

ORCID: 0000-0001-6821-0248

Publons / Web Of Science ResearcherID: AAG-8532-2021

ScopusID: 6606554106

Yoksis Researcher ID: 58771

## Education Information

Doctorate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Matematik (Dr), Turkey 1991 - 1998

Postgraduate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Matematik (YI) (Tezli), Turkey 1989 - 1991

Undergraduate, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, Matematik Bölümü, Turkey 1985 - 1989

## Foreign Languages

English, B2 Upper Intermediate

## Certificates, Courses and Trainings

Other, Çevre ve Sıfır Atık, Çevre, Şehircilik Ve İklim Değişikliği Bakanlığı, 2024

Other, Günlük Hayatta Su Verimliliği, Tarım ve Orman Bakanlığı, 2024

Other, Günlük Hayatta ve Kamu Binalarında Enerji Verimliliği, Enerji Ve Tabii Kaynaklar Bakanlığı, 2024

Other, Devlet Malımı Koruma ve Tasarruf Tedbirleri, Vergi Denetim Kurulu Başkanlığı, 2024

Occupational Health and Safety, İş Sağlığı ve Güvenliği Temel Eğitimleri, Bursa Uludağ Üniversitesi, 2024

Other, Deprem Farkındalık Eğitim Programı, Council of higher education (YÖK), 2023

Human Rights, İnsan Hakları Çerçevesinde Etik Eğitimi, Bursa Uludag University, 2021

Occupational Health and Safety, İş Sağlığı ve Güvenliği Temel Eğitimleri, Bursa Uludag University, 2021

Vocational Training, Eğitimde İnovasyon ve Etkileşim, Bursa Uludağ Üniversitesi, 2020

## Dissertations

Doctorate, E "öklid uzayı ve L" lorentz uzaylarında Meusnier teoremi, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, MATEMATİK, 1998

Postgraduate, Lorentz geometrisi relativite ve L3 de Meusnier teoremi, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, MATEMATİK, 1991

## Research Areas

Mathematics, Geometry

## Academic Titles / Tasks

Professor, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, MATEMATİK, 2020 - Continues  
Associate Professor, Bursa Uludağ University, Fen-Edebiyat Fakültesi, Matematik, 2013 - Continues  
Lecturer PhD, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, MATEMATİK, 1998 - Continues  
Assistant Professor, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, MATEMATİK, 2013 - 2013  
Research Assistant, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, MATEMATİK, 1989 - 1998

## Academic and Administrative Experience

Faculty Management Board Member, Bursa Uludağ University, Fen-Edebiyat Fakültesi, Matematik, 2021 - Continues  
Member of the Senate, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, MATEMATİK, 2020 - Continues  
Head of Department, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, MATEMATİK, 2016 - 2020  
Fakülte Yönetim Kurulu Üyesi, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, MATEMATİK, 2016 - 2020

## Courses

Mathematics I, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016  
Global Lorentzian Geometry I, Postgraduate, 2024 - 2025, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2014 - 2015  
Coordinate Geometry I, Postgraduate, 2024 - 2025  
Yükselk Lisans Uzmanlık Alan Dersi I, Postgraduate, 2024 - 2025, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018  
Differentiable Manifolds I, Postgraduate, 2024 - 2025, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020  
Tez Danışmanlığı III, Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019  
Linear Algebra, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016  
Yüksek Lisans Uzmanlık Alan III, Postgraduate, 2024 - 2025, 2023 - 2024  
Fractal Geometry, Undergraduate, 2024 - 2025, 2023 - 2024, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015  
Transformations and Geometries II, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2016 - 2017, 2015 - 2016, 2014 - 2015  
Calculus II, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016  
Yüksek Lisans Uzmanlık IV, Postgraduate, 2023 - 2024, 2022 - 2023  
Tez Danışmanlığı I, Postgraduate, 2024 - 2025, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020  
Linear Algebra, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016  
Differential Geometry Applications I, Postgraduate, 2024 - 2025, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020  
Tez Danışmanlığı IV, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018  
Transformations and Geometries I, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

Eğriler ve Yüzeylerin Geometrik Yüzeyleri II, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2013 - 2014  
Öğretmenlik Uygulaması, Undergraduate, 2023 - 2024  
Global Lorentzian Geometry II, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2014 - 2015  
Differential Geometry Applications II, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020  
Tez Danışmanlığı II, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018  
Yüksek Lisans Uzmanlık Alan Dersi II, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018  
Eğriler ve Yüzeylerin Geometrik Modelleri I, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021  
Linear Algebra II, Undergraduate, 2019 - 2020, 2018 - 2019  
Linear Algebra I, Undergraduate, 2019 - 2020  
Introduction to Differentiable Manifolds, Undergraduate, 2018 - 2019, 2017 - 2018, 2013 - 2014, 2011 - 2012, 2010 - 2011  
Introduction to Differentiable Manifolds, Undergraduate, 2017 - 2018, 2013 - 2014, 2011 - 2012, 2010 - 2011  
Basic Mathematics, Associate Degree, 2018 - 2019  
Basic Mathematics, Associate Degree, 2018 - 2019  
Basic Mathematics, Undergraduate, 2018 - 2019  
Basic Mathematics, Associate Degree, 2018 - 2019  
Fractal Geometry, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015  
Transformations and Geometries II, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015  
Transformations and Geometries I, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015  
Analytic Geometry II, Undergraduate, 2014 - 2015, 2010 - 2011  
Differential Geometry I, Undergraduate, 2015 - 2016  
Analysis II, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2009 - 2010, 2008 - 2009  
Analysis II, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2009 - 2010, 2008 - 2009  
Analiz I, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2009 - 2010, 2008 - 2009  
Analysis I, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2009 - 2010  
Analytic Geometry II, Undergraduate, 2010 - 2011  
Analytic Geometry I, Undergraduate, 2010 - 2011  
Analytic Geometry I, Undergraduate, 2010 - 2011  
Geometries, Undergraduate, 2010 - 2011  
Applications of Geometry, Undergraduate, 2009 - 2010, 2008 - 2009, 2007 - 2008

## Advising Theses

İyigün E., Dual Lorentz Uzayda Eğriler, Postgraduate, Y.GÜL(Student), 2023  
İyigün E., LORENTZ UZAYINDA NULL ve NULL OLMAYAN EĞRİLERİN YAPILARININ İNCELENMESİ, Postgraduate, Ü.GÜLSÜM(Student), 2022  
İyigün E., Lorentz uzaylarında Timelike ve Spacelike eğrilere göre oluşturulan alt uzayların sınıflandırılması, Postgraduate, Z.ARSLAN(Student), 2021  
İyigün E., Classification of null curves and null curves in semi-Euclidean space, Postgraduate, E.OVALIOĞLU(Student), 2019

## Jury Memberships

Associate Professor Exam, Associate Professor Exam, Bursa Uludağ Üniversitesi, October, 2023  
Associate Professor Exam, Associate Professor Exam, Bursa Uludağ Üniversitesi, March, 2023  
Associate Professor Exam, Associate Professor Exam, Bursa Uludağ Üniversitesi, October, 2022  
Associate Professor Exam, Associate Professor Exam, Bursa Uludağ University, March, 2022

Associate Professor Exam, Associate Professor Exam, Bursa Uludağ University, October, 2021  
Associate Professor Exam, Associate Professor Exam, Bursa Uludağ University, January, 2021  
Associate Professor Exam, Associate Professor Exam, Bursa Uludağ University, January, 2021  
Associate Professor Exam, Associate Professor Exam, Bursa Uludağ University, March, 2020

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **ON THE DARBOUX VECTOR IN LORENTZIAN 5-SPACE**  
Iyigun E.  
UKRAINIAN MATHEMATICAL JOURNAL, vol.70, no.5, pp.730-738, 2018 (SCI-Expanded)
- II. **Constant Curvature Ratios in L-6**  
İYİGÜN E.  
FILOMAT, vol.30, no.3, pp.785-789, 2016 (SCI-Expanded)
- III. **The tangent spherical image and ccr-curve of a time-like curve in L-3**  
Iyigun E.  
JOURNAL OF INEQUALITIES AND APPLICATIONS, 2013 (SCI-Expanded)
- IV. **A Characterization of Chen Surfaces in E-4**  
İYİGÜN E., ARSLAN K., Oeztuerk G.  
BULLETIN OF THE MALAYSIAN MATHEMATICAL SCIENCES SOCIETY, vol.31, no.2, pp.209-215, 2008 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Meslek Yüksekokulu Öğrencilerinin Girişimcilik Uygulamalarının İncelenmesi**  
Bozyokuş H., İyigün E., Ezentaş R.  
Fen Matematik Girişimcilik ve Teknoloji Eğitimi Dergisi, vol.2, no.3, pp.222-238, 2019 (Peer-Reviewed Journal)
- II. **On Timelike and Null Curves in  $R_{(1)3}$ .**  
İYİGÜN E.  
Pioneer Journal of Advances in Applied Mathematics, vol.25, pp.9-20, 2019 (Peer-Reviewed Journal)
- III. **A STUDY ON A PARTIALLY NULL CURVE IN  $E_{2,4}$**   
İYİGÜN E.  
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.68, no.1, pp.277-282, 2019 (ESCI)
- IV. **Cartan Null Curves in Minkowski 3-Space**  
Ovaloğlu E., İyigün E.  
Pioneer Journal of Mathematics and Mathematical Sciences, vol.23, no.2, pp.69-78, 2018 (Peer-Reviewed Journal)
- V. **Null Generalized Helices in Lorentzian Space in L 6**  
İyigün E.  
Pioneer Journal of Mathematics and Mathematical Sciences, vol.16, no.2, pp.97-107, 2016 (Peer-Reviewed Journal)
- VI. **Some Characterizations of Pseudo Null Curves in  $R^2 \wedge 4$**   
İyigün E.  
Pioneer Journal of Advances in Applied Mathematics, vol.16, no.1-2, pp.29-38, 2016 (Peer-Reviewed Journal)
- VII. **The Darboux Vector of a Non null Curve in  $E_{1,4}$**   
İYİGÜN E.  
Journal of Pure and Applied Mathematics: Advances and Applications, vol.15, no.1, pp.81-92, 2016 (Peer-Reviewed Journal)
- VIII. **A Characterization of Null Generalized Helices in  $R_{1,4}$**   
İYİGÜN E.  
Journal of Analysis and Computation, vol.12, no.1, 2016 (Peer-Reviewed Journal)

- IX. **Darboux Vector And Darboux Vertex In  $L^3$**   
 İyigün E.  
 Pioneer Journal of Mathematics and Mathematical Sciences, vol.18, no.2, pp.87-95, 2016 (Peer-Reviewed Journal)
- X. **e Curvature Functions in  $R^3$**   
 İYİGÜN E.  
 selçuk J. Appl. Math., vol.14, no.1, pp.83-87, 2013 (Peer-Reviewed Journal)
- XI. **A Characterization of Harmonic Curvatures in  $L^4$**   
 İYİGÜN E.  
 Journal of Intelligent System Research(JISR), vol.6, no.1, pp.13-19, 2012 (Peer-Reviewed Journal)
- XII. **The Characterization of Null Generalized Helices in 5 Dimensional Lorentzian Space**  
 İYİGÜN E.  
 Journal of Pure and Applied Mathematics:Advances and Applications, vol.8, no.2, pp.93-103, 2012 (Peer-Reviewed Journal)
- XIII. **Harmonic Curvatures And Curvature Centers in  $L^5$**   
 İYİGÜN E.  
 Journal of Analysis and Computation, vol.8, no.1, pp.9-20, 2012 (Peer-Reviewed Journal)
- XIV. **Curves with Constant Curvature Ratios in  $L^5$**   
 İYİGÜN E.  
 Selçuk Journal of Applied Mathematics, vol.13, no.1, pp.125-130, 2012 (Peer-Reviewed Journal)
- XV. **A Characterization of Constant Curvature Ratios in  $L^n$**   
 İYİGÜN E.  
 Proc. Jangjeon Math. Soc., vol.15, no.3, pp.325-334, 2012 (Scopus)
- XVI. **On Harmonic Curvatures of Null Generalized Helices in  $L^4$**   
 İYİGÜN E.  
 Selçuk Journal of Applied Mathematics, vol.13, no.2, pp.63-68, 2012 (Peer-Reviewed Journal)
- XVII. **Some Curves In The 3 Dimensional Lightlike Cone  $Q^3$**   
 İYİGÜN E.  
 Far East Journal of Mathematical Sciences(FJMS), vol.52, no.2, pp.223-232, 2011 (Peer-Reviewed Journal)
- XVIII. **CCR Curves In The Minkowski 4 Space  $P^4$**   
 İYİGÜN E.  
 Bull. Pure Appl. Math., vol.6, no.2, pp.328-332, 2010 (Peer-Reviewed Journal)
- XIX. **On Harmonic Curvatures Of Curves In Lorentzian  $N$  Space**  
 İyigün E., Arslan K.  
 COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS,  
 vol.54, no.1, pp.29-34, 2005 (Peer-Reviewed Journal)
- XX. **A Note On  $(n-r)$  Curvature Planes**  
 İYİGÜN E.  
 Applied Sciences, vol.4, no.1, pp.5-10, 2002 (Scopus)
- XXI. **The Curvature Center Of The Curves On A Hypersurface In Lorentzian  $n$ -Space  $L$**   
 İyigün E.  
 Commun. Fac. Sci. Univ. Ank. Series A1, vol.50, pp.65-73, 2001 (Peer-Reviewed Journal)
- XXII. **Meusnier's Theorem For Surfaces in  $n$ -Dimensional Lorentzian Space  $L^n$**   
 İyigün E., Özdamar E.  
 Algebras Groups Geom., vol.17, no.2, pp.233-247, 2000 (Peer-Reviewed Journal)
- XXIII. **On The Meusnier's Theorem For Lorentzian Surfaces**  
 İyigün E., Özdamar E.  
 COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS,  
 vol.43, pp.19-30, 1994 (ESCI)

## Books & Book Chapters

- I.  **$R^2_4$  UZAYINDA CARTAN NULL EĞRİLERİN DİFERANSİYEL GEOMETRİSİ**  
Ezentaş R., İyigün E.  
in: MATEMATİK VE FEN ALANINDA ULUSLARARASI ARAŞTIRMALAR VI, Doç. Dr. Fatma Erdoğan, Editor, EĞİTİM YAYINEVİ, Konya, pp.53-65, 2022
- II. **THE GEOMETRY OF PARTIALLY NULL CURVES IN SEMI-EUCLIDEAN 4 SPACE WITH INDEX 2**  
İyigün E., Ezentaş R.  
in: INTERNATIONAL RESEARCH IN MATH SCIENCES II, Assist. Prof. Dr. Mustafa Emre Akçay, Editor, EĞİTİM YAYINEVİ, Konya, pp.35-51, 2022
- III. **THE GEOMETRY OF PSEUDO NULL CURVES IN SEMI-EUCLIDEAN 4 SPACE WITH INDEX 2**  
İyigün E., Ezentaş R.  
in: INTERNATIONAL RESEARCH IN MATH SCIENCES II, Assist. Prof. Dr. Mustafa Emre Akçay, Editor, EĞİTİM YAYINEVİ, Konya, pp.53-70, 2022
- IV. **INVESTIGATION OF NULL CURVES ACCORDING TO DIFFERENTIAL GEOMETRY AND PHYSICAL FIELDS**  
Ezentaş R., İyigün E.  
in: RECENT STUDIES IN MATHEMATICS AND ITS APPLICATIONS, EZENTAŞ RIDVAN, Editor, Iksad Publications, Ankara, pp.45-72, 2021
- V. **Çözümlü Diferensiyel Geometri Problemleri**  
Hacısalihoğlu H. H., Özdamar E., Murathan C., İyigün E.  
Hacı Salıgoğlu Yayınları, Ankara, 1995

## Refereed Congress / Symposium Publications in Proceedings

- I. **On The Partially Null Curve in  $R^2_4$**   
Özhan G., İyigün E.  
20 th International Geometry Symposium, Van, Turkey, 18 - 20 July 2024, pp.64
- II. **Darboux Vectors and Constant Curvature Ratios in Minkowski 4-Space**  
Günay Y. G., İyigün E.  
11 th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2022), İstanbul, Turkey, 29 August - 01 September 2022, pp.1-5
- III. **Solving of Curvatures of the Frenet Frame by Normal, Geodesic and Geodesic Torsion Equations**  
Bayrak Torbalı Ü. G., İyigün E.  
8th INTERNATIONAL CONFERENCE on RECENT ADVANCES in PURE AND APPLIED MATHEMATICS (ICRAPAM 2021), Muğla, Turkey, 24 - 27 September 2021, pp.149-150
- IV. **4 BOYUTLU 2 İNDEKSLİ YARI ÖKLİDYEN UZAYDA CARTAN NULL EĞRİLERİN YATTIĞI ALTUZAYLAR ÜZERİNE BİR ÇALIŞMA**  
EZENTAŞ R., İYİGÜN E.  
MAS 9th INTERNATIONAL EUROPEAN CONFERENCE ON MATHEMATICS, ENGINEERING, NATURAL MEDICAL SCIENCES, Bursa, Turkey, 8 - 10 November 2019, pp.196-207
- V. **4 BOYUTLU 2 İNDEKSLİ YARI ÖKLİDYEN UZAYDA PARTIALLY NULL EĞRİLERİN YATTIĞI ALTUZAYLARIN İNCELENMESİ**  
İyigün E., Ezentaş R.  
MAS 9th INTERNATIONAL EUROPEAN CONFERENCE ON MATHEMATICS, ENGINEERING, NATURAL MEDICAL SCIENCES, Bursa, Turkey, 8 - 10 November 2019, pp.185-195
- VI. **Investigation of Entrepreneurship Applications of Vocational School Students**  
BOZYOKUŞ H., İYİGÜN E., EZENTAŞ R.  
International Conference On Science, Mathematics, Entrepreneurship And Technology Education, İzmir, Turkey, 12 - 14 April 2019
- VII. **Partially Null Curves Lying Completely on the Subspace of  $R_2(4)$**

- İYİGÜN E.  
16 Th International Geometry Symposium, Manisa, Turkey, 4 - 07 July 2018
- VIII. **On the Pseudo Null Curves in 4-Dimensional Semi-Euclidean Space with Index 2**  
İYİGÜN E.  
15th International Geometry Symposium, Amasya, Turkey, 3 - 06 July 2017
- IX. **Some Properties of Cartan Null Curves in Semi-Euclidean 4-Space with Index 2**  
İyigün E.  
4th International Conference on Recent Advances in Pure and Applied Mathematics (ICRAPAM2017), Aydın, Turkey, 11 - 15 May 2017
- X. **On Darboux Vector in Lorentzian 5 Space**  
İYİGÜN E.  
International Conference on Recent Advances in Pure and Applied Mathematics (ICRAPAM 2016), Bodrum-Muğla, Turkey, 19 - 23 May 2016, pp.109
- XI. **A Characterization of Curvature Functions in R**  
İYİGÜN E.  
The 28th International Conference of Jangjeon Mathematical Society (ICJMS 2015), Antalya, Turkey, 15 - 19 May 2015
- XII. **Harmonic Curvatures of a Null Generalized Helices in L 5**  
İYİGÜN E.  
3rd International Eurasian Conference on Mathematical Sciences and Applications, Vienna, Austria, 25 - 28 August 2014
- XIII. **Null Generalized Helices of a Null Frenet Curve in L 4**  
İYİGÜN E.  
International Congress in Honour of Professor Ravi P. Agarwal, Bursa, Turkey, 23 - 26 June 2014
- XIV. **e Curvature Functions in 4 Dimensional Lorentzian Space**  
İYİGÜN E.  
1st International Eurasian Conference on Mathematical Sciences and Applications, Prishtina, Serbia, 3 - 07 September 2012
- XV. **On Null Generalized Helices in the Minkowski 4 space**  
İYİGÜN E.  
X. Geometri Sempozyumu, Balıkesir, Turkey, 13 - 16 June 2012
- XVI. **CCR-CURVES IN LORENTZIAN SPACE**  
İyigün E.  
XXIV. Ulusal Matematik Sempozyumu, Bursa, Turkey, 7 - 10 September 2011, pp.55
- XVII. **5 Boyutlu Lorentz Uzayında Eğrilik Merkezlerinin Bir Karakterizasyonu**  
İyigün E.  
IX. Geometri Sempozyumu, Samsun, Turkey, 7 - 10 June 2011
- XVIII. **The Curvature Centers and Harmonic Curvatures of the Curves in Lorentzian 4-Space**  
İyigün E., Arslan K.  
VII. Geometri Sempozyumu, Kırşehir, Turkey, 7 - 10 July 2009, pp.30
- XIX. **A Characterization of Curves in the Lightlike Cone  $Q^3$**   
İyigün E., Arslan K.  
VI. Ulusal Geometri Sempozyumu, Bursa, Turkey, 1 - 04 July 2008, pp.56
- XX. **Lines of Axial Curvature and Normal Sections of Surfaces in  $R^4$ . , Abant İzzet Baysal Üniversitesi, 23-26 Ağustos 2004, Bolu.**  
ARSLAN K., İYİGÜN E.  
XVII. Ulusal Matematik Sempozyumu, Bolu, Turkey, 23 - 26 August 2004
- XXI. **Lorentz Uzayındaki Frenet Eğrilerinin Harmonik Eğrilikleri**  
İYİGÜN E., ARSLAN K.  
II. Geometry Symposium, Adapazarı, Turkey, 30 June - 03 July 2004
- XXII. **Helical Submanifolds and Their Characterizations**

İyigün E., Arslan K.

XVI. Ulusal Matematik Sempozyumu, Van, Turkey, 10 - 12 September 2003

**XXIII. Planar Geodesics in Lorentzian Space  $L^n$  (Special Cases for  $n=3$  and  $n=4$ )**

İyigün E.

I.Geometri Sempozyumu, Elazığ, Turkey, 3 - 04 July 2003, pp.14

**XXIV. Helical Submanifolds in Pseudo-Riemannian Manifolds**

İyigün E., Arslan K.

XV.Ulusal Matematik Sempozyumu, Mersin, Turkey, 4 - 07 September 2002, pp.28

**XXV. Submanifolds with planar geodesics**

İYİGÜN E.

XIV. Ulusal Matematik Sempozyumu, Eskişehir, Turkey, 19 - 21 September 2001

**XXVI. On The Meusnier's Theorem For Lorentzian Surfaces**

İyigün E., Özdamar E.

3. Azerbaycan Türkiye Matematik Sempozyumu, Trabzon, Turkey, 31 August - 04 September 1993, pp.67-68

## Supported Projects

İyigün E., Ezentaş R., Hızlıyel S., Sağlam Özkan Y., Project Supported by Higher Education Institutions, Lorentz Manifoldlarında Diferensiyel Denklemler ve uygulamaları, 2015 - 2017

## Memberships / Tasks in Scientific Organizations

Turkish Mathematical Society, Member, 2002 - Continues, Turkey

## Scientific Refereeing

Fen Matematik Girişimcilik Ve Teknoloji Eğitimi Dergisi, National Scientific Refreed Journal, March 2022

Fırat Üniversitesi Mühendislik Bilimleri Dergisi, National Scientific Refreed Journal, March 2021

Fen Matematik Girişimcilik Ve Teknoloji Eğitimi Dergisi, National Scientific Refreed Journal, March 2020

Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, National Scientific Refreed Journal, November 2019

Fen Matematik Girişimcilik ve Teknoloji Eğitimi Dergisi, National Scientific Refreed Journal, August 2019

## Tasks In Event Organizations

İyigün E., XXIV.National Mathematics Symposium, Scientific Congress, Bursa, Turkey, Eylül 2011

İyigün E., VI. Geometry Symposium, Scientific Congress, Bursa, Turkey, Temmuz 2008

## Metrics

Publication: 58

Citation (WoS): 50

Citation (Scopus): 29

H-Index (WoS): 3

H-Index (Scopus): 1