

Asst. Prof. RÜYA YEĞİN ŞEN

Personal Information

Office Phone: [+90 216 280 4048](tel:+902162804048)

Email: ruya.yegin@medeniyet.edu.tr

Post Address: İstanbul Medeniyet Üniversitesi, Kuzey Yerleşkesi, H Blok Mühendislik ve Doğa Bilimleri Fakültesi, Matematik Bölümü. Ünalın Mah., D-100 Karayolu yanyol 34700 Üsküdar / İstanbul

Education Information

Doctorate, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Matematik Mühendisliği, Turkey 2011 - 2016

Post Graduate, Ankara Üniversitesi, Fen Bilimleri Enstitüsü, Matematik, Turkey 2009 - 2011

Undergraduate Minor, Ankara Üniversitesi, Mühendislik Fakültesi, Elektronik Mühendisliği, Turkey 2008 - 2010

Under Graduate, Ankara Üniversitesi, Fen Fakültesi, Matematik, Turkey 2005 - 2009

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, HİPERBOLİK VE YARI-HİPERBOLİK UZAYLARDA SONLU TİPTEN GENELLEŞTİRİLMİŞ GAUSS TASVİRİNE SAHİP ALT MANİFOLDLAR, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Matematik Mühendisliği, 2016

Research Areas

Mathematics, Differential Geometry, Geometry, Natural Sciences

Academic Titles / Tasks

Assistant Professor, İstanbul Medeniyet Üniversitesi, Faculty of Engineering and Natural Sciences , Mathematics Department , 2018 - Continues

Research Assistant PhD, İstanbul Medeniyet Üniversitesi, Faculty of Engineering and Natural Sciences , Mathematics Department , 2016 - 2018

Research Assistant, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Matematik, 2012 - 2016

Research Assistant, İstanbul Medeniyet Üniversitesi, Fen Fakültesi, Matematik, 2011 - 2012

Research Assistant, İstanbul Teknik Üniversitesi, Fen Fakültesi, Matematik, 2010 - 2011

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **On biconservative surfaces in 4-dimensional Euclidean space**
Sen R., Turgay N. C.
JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, vol.460, pp.565-581, 2018 (Journal Indexed in SCI)
- **On Submanifolds with 2-Type Pseudo-Hyperbolic Gauss Map in Pseudo-Hyperbolic Space**
Sen R., Dursun U.
MEDITERRANEAN JOURNAL OF MATHEMATICS, vol.14, 2017 (Journal Indexed in SCI)

- **On Submanifolds of Pseudo-Hyperbolic Space with 1-Type Pseudo-Hyperbolic Gauss Map**
YEĞİN ŞEN R., Dursun U.
JOURNAL OF MATHEMATICAL PHYSICS ANALYSIS GEOMETRY, vol.12, pp.315-337, 2016 (Journal Indexed in SCI Expanded)
- **Hyperbolic submanifolds with finite type hyperbolic Gauss map**
Dursun U., Yeğin R.
INTERNATIONAL JOURNAL OF MATHEMATICS, vol.26, 2015 (Journal Indexed in SCI)

Articles Published in Other Journals

- **Biharmonic Hypersurfaces in the Pseudo-Euclidean Space $E^{5,2}$**
Yeğin Şen R.
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.23, pp.864-870, 2019 (National Refreed University Journal)

Refereed Congress / Symposium Publications in Proceedings

- **Biharmonic Hypersurfaces in a Pseudo-Euclidean Space**
Yeğin Şen R.
INTERNATIONAL CONFERENCE on RECENT ADVANCES in PURE AND APPLIED MATHEMATICS (ICRAPAM2019), İstanbul, Turkey, 12 - 15 June 2019, pp.62
- **On isometric immersions into Euclidean 5-space with parallel normalized mean curvature vector field**
Yeğin Şen R., Turgay N. C.
7th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2018), Kyiv, Ukraine, 28 - 31 August 2018, pp.1
- **Biconservative Submanifolds in Euclidean Spaces**
YEĞİN ŞEN R.
INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELLING (ICAAMM2017), İstanbul, Turkey, 03 July 2017, pp.196
- **On the biconservative surfaces in Euclidean spaces**
YEĞİN ŞEN R., Turgay N. C.
Differential Geometry, Poznan, Poland, 18 June 2017, pp.25-26
- **Submanifolds in $H^{2(m-1)}(-1)$ with Finite Type Pseudo-Hyperbolic Gauss Map**
YEĞİN ŞEN R., Dursun U.
International Conference on Recent Advances in Pure and Applied Mathematics (ICRAPAM 2017), Aydın, Turkey, 11 May 2017, pp.182
- **Submanifolds of Pseudo-Hyperbolic Space with Finite Type Pseudo-Hyperbolic Gauss Map**
YEĞİN ŞEN R., Dursun U.
13. Geometri Sempozyumu, İstanbul, Turkey, 27 July 2015, pp.1
- **Submanifolds in $H^{(m-1)}_1(-1)$ with Finite Type Pseudo-Hyperbolic Gauss Map**
YEĞİN ŞEN R., Dursun U.
13. Geometri Sempozyumu, İstanbul, Turkey, 27 July 2015, pp.1
- **Spacelike Surfaces of Pseudo-Hyperbolic Space $H^4_1(1)$ with Finite Type Pseudo-Hyperbolic Gauss Map**
YEĞİN ŞEN R., Dursun U.
Seventeenth International Conference on Geometry, Integrability and Quantization, Varna, Bulgaria, 05 June 2015, pp.1

Supported Projects

Yeğin Şen R., Turgay N. C. , Project Supported by Higher Education Institutions, Yarı-Riemannsal uzay formlarındaki

bikonzörvatif ve biharmonik yarı-minimal yüzeyler, 2017 - 2018

YEĞİN ŞEN R., DURSUN U., Project Supported by Higher Education Institutions, $H_2^{m-1}(-1)$ Yarı-hiperbolik Uzayında Sonlu Tipten Yarı-hiperbolik Gauss Tasvirine Sahip Alt Manifoldlar, 2017 - 2017

YEĞİN ŞEN R., TURGAY N. C. , Project Supported by Higher Education Institutions, Euclid uzaylarındaki bikonzörvatif yüzeyler, 2017 - 2017

YEĞİN ŞEN R., TURGAY N. C. , Project Supported by Higher Education Institutions, 4-Boyutlu Euclid uzayındaki bikonzörvatif yüzeyler, 2017 - 2017

Scientific Refereeing

The Mediterranean Journal of Mathematics, SCI Journal, October 2017

Invited Congress and Symposium Activities

Biharmonic Hypersurfaces in a Pseudo-Euclidean Space, Working Group, İstanbul, Turkey, 2019

On isometric immersions into Euclidean 5-space with parallel normalized mean curvature vector field, Attendee, Kyiv, Ukraine, 2018

INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELLING (ICAAMM2017), Attendee, İstanbul, Turkey, 2017

Differential Geometry, Attendee, Poznan, Poland, 2017

International Conference on Recent Advances in Pure and Applied Mathematics (ICRAPAM 2017), Attendee, Aydın, Turkey, 2017

International Workshop on Theory of Submanifolds, Attendee, İstanbul, Turkey, 2016

International Workshop on Finite Type Submanifolds, Attendee, İstanbul, Turkey, 2015

13. Geometri Sempozyumu, Attendee, İstanbul, Turkey, 2015

Seventeenth International Conference on Geometry, Integrability and Quantization, Attendee, Varna, Bulgaria, 2015

Matematikte Yeni Proje Tasarımları Çalıştayı, Attendee, İstanbul, Turkey, 2013

X. Geometri Sempozyumu, Attendee, Balıkesir, Turkey, 2012

International Conference on Mathematical Finance and Economics, Attendee, İstanbul, Turkey, 2011

Citations

Total Citations (WOS):8

h-index (WOS):2

Scholarships

2214/A Tübitak Yurtiçi Doktora Burs Programı, TUBİTAK, 2011 - Continues

2210/A Tübitak Yurtiçi Yüksek Lisans Burs Programı, TUBİTAK, 2010 - Continues