

## Assoc. Prof. NERGİZ POYRAZ

### Personal Information

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### International Researcher IDs

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Yoksis Researcher ID: 165572

### Education Information

Doctorate, Cukurova University, Fen Bilimleri Enstitüsü, Matematik/Geometri, Turkey 2013 - 2018

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Postgraduate, Kısıtlı Tip Altmanifoldlar, Cukurova University, Fen Bilimleri Enstitüsü, Matematik/Geometri, 2012

### Research Areas

Mathematics, Differential Geometry, Natural Sciences

### Academic Titles / Tasks

Assistant Professor, Cukurova University, Fen Edebiyat Fakültesi, Matematik, 2011 - Continues

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

- I. **Screen generic lightlike submanifolds of semi-Riemannian product manifolds**  
POYRAZ N.  
Hacettepe Journal of Mathematics and Statistics, vol.53, no.1, pp.171-183, 2024 (SCI-Expanded)
- II. **Some inequalities for bi-slant Riemannian submersions in complex space forms**  
POYRAZ N., Gündüzalp Y., Akyol M. A.  
International Journal of Geometric Methods in Modern Physics, 2024 (SCI-Expanded)
- III. **Optimal Inequalities for Hemi-Slant Riemannian Submersions**  
AKYOL M. A., DEMİR R., POYRAZ N., Vilcu G.  
MATHEMATICS, vol.10, no.21, 2022 (SCI-Expanded)
- IV. **Chen inequalities on spacelike hypersurfaces of a GRW spacetime**  
Poyraz N.

- DIFFERENTIAL GEOMETRY AND ITS APPLICATIONS, vol.81, 2022 (SCI-Expanded)
- V. **Chen inequalities on lightlike hypersurfaces of a GRW spacetime**  
POYRAZ N.  
INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS, vol.19, no.01, 2022 (SCI-Expanded)
- VI. **Golden GCR-Lightlike Submanifolds of Golden Semi-Riemannian Manifolds**  
POYRAZ N.  
MEDITERRANEAN JOURNAL OF MATHEMATICS, vol.17, no.5, 2020 (SCI-Expanded)
- VII. **Lightlike submanifolds of golden semi-Riemannian manifolds**  
Poyraz N., Yasar E.  
JOURNAL OF GEOMETRY AND PHYSICS, vol.141, pp.92-104, 2019 (SCI-Expanded)
- VIII. **Lightlike Hypersurfaces of a Golden Semi-Riemannian Manifold**  
POYRAZ N., YAŞAR E.  
MEDITERRANEAN JOURNAL OF MATHEMATICS, vol.14, no.5, 2017 (SCI-Expanded)
- IX. **Coordinate Finite Type Rotational Surfaces in Euclidean Spaces**  
Bayram B. (., Arslan K., Onen N., Bulca B.  
FILOMAT, vol.28, no.10, pp.2131-2140, 2014 (SCI-Expanded)

### Articles Published in Other Journals

- I. **HALF LIGHTLIKE SUBMANIFOLDS OF A GOLDEN SEMI-RIEMANNIAN MANIFOLD**  
POYRAZ N., Yaşar E., Dönmez D.  
Kragujevac Journal of Mathematics, vol.48, no.1, pp.99-122, 2024 (ESCI)
- II. **Geometry of golden GCR-lightlike submanifolds of golden semi-Riemannian manifolds**  
POYRAZ N.  
ANALELE STIINTIFICE ALE UNIVERSITATII AL I CUZA DIN IASI - MATEMATICA, vol.68, no.1, pp.107-122, 2022 (Scopus)
- III. **A STUDY ON SCREEN TRANSVERSAL LIGHTLIKE SUBMANIFOLDS OF GOLDEN SEMI-RIEMANNIAN MANIFOLDS**  
POYRAZ N.  
FACTA UNIVERSITATIS-SERIES MATHEMATICS AND INFORMATICS, vol.36, no.4, pp.717-733, 2021 (Peer-Reviewed Journal)
- IV. **Some Inequalities on Half Lightlike Submanifolds of a Lorentzian Manifold with Semi-Symmetric Metric Connection**  
POYRAZ N., DOĞAN B.  
NATURENGS, vol.2, no.1, pp.1-14, 2021 (Peer-Reviewed Journal)
- V. **Screen Semi-invariant Submanifolds of Golden Semi-Riemannian Manifolds**  
POYRAZ N.  
INTERNATIONAL ELECTRONIC JOURNAL OF GEOMETRY, vol.14, no.1, pp.207-216, 2021 (ESCI)
- VI. **A study on GCR-lightlike submanifolds of semi-Riemannian product manifolds**  
POYRAZ N.  
Journal of Universal Mathematics, vol.4, no.1, pp.25-33, 2021 (Peer-Reviewed Journal)
- VII. **A Study on Chen-like Inequalities for Half Lightlike Submanifolds of a Lorentzian Manifold Endowed with Semi-Symmetric Metric Connection**  
POYRAZ N., DOĞAN B.  
NATURENGS, vol.1, no.2, pp.76-88, 2020 (Peer-Reviewed Journal)
- VIII. **GEOMETRY OF SEMI-INVARIANT COISOTROPIC SUBMANIFOLDS IN GOLDEN SEMI-RIEMANNIAN MANIFOLDS**  
POYRAZ N., DOĞAN B.  
Journal of Universal Mathematics, vol.3, no.2, pp.121-130, 2020 (Peer-Reviewed Journal)
- IX. **Semi-invariant lightlike submanifolds of golden semi-Riemannian manifolds**

POYRAZ N., DOĞAN B.

Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.22, no.1, pp.106-121, 2020 (Peer-Reviewed Journal)

- X. **Chen Inequalities for Submanifolds of Real Space Forms with a Ricci Quarter-Symmetric Metric Connection**  
POYRAZ N., YOLDAŞ H. İ.  
INTERNATIONAL ELECTRONIC JOURNAL OF GEOMETRY, vol.12, no.1, pp.102-110, 2019 (ESCI)
- XI. **Chen Inequalities on Lightlike Hypersurface of a Lorentzian Manifold with Semi-Symmetric Metric Connection**  
POYRAZ N., DOĞAN B., YAŞAR E.  
INTERNATIONAL ELECTRONIC JOURNAL OF GEOMETRY, vol.10, no.1, pp.1-14, 2017 (ESCI)
- XII. **CHEN-LIKE INEQUALITIES ON LIGHTLIKE HYPERSURFACE OF A LORENTZIAN PRODUCT MANIFOLD WITH QUARTER-SYMMETRIC NONMETRIC CONNECTION**  
POYRAZ N., YAŞAR E.  
KRAGUJEVAC JOURNAL OF MATHEMATICS, vol.40, no.2, pp.146-164, 2016 (ESCI)
- XIII. **Curves of Restricted Type in Euclidean Spaces**  
Bayram B., ÖNEN N.  
Mathematica Moravica, vol.18, pp.89-98, 2014 (Peer-Reviewed Journal)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Lightlike Hypersurfaces of a Golden Semi-Riemannian Manifold**  
ÖNEN N., YAŞAR E.  
15th International Geometry Symposium, 3 - 06 July 2017
- II. **Chen Inequalities on a Kaehler Manifold Endowed with Complex Semi-Symmetric Metric Connection**  
ÖNEN N., DOĞAN B., YAŞAR E.  
15th International Geometry Symposium, Amasya, Turkey, 3 - 06 July 2017
- III. **Chen Inequalities on Screen Homothetic Lightlike Hypersurfaces of a Lorentzian Space Form with Semi-Symmetric Metric Connection**  
ÖNEN N., DOĞAN B., YAŞAR E.  
International Conference on Mathematics and Mathematics Education (ICMME-2017), Şanlıurfa, Turkey, 11 - 13 May 2017
- IV. **Geometry of Lightlike Einstein Hypersurfaces**  
DOĞAN B., ÖNEN N., YAŞAR E.  
4th International Intuitionistic Fuzzy Sets and Contemporary Mathematics Conference (IFSCOM 2017), Mersin, Turkey, 3 - 07 May 2017
- V. **Some Inequalities on a Kaehler Manifold Endowed with Complex Semi-Symmetric Metric Connection**  
ÖNEN N., DOĞAN B., YAŞAR E.  
4th International Intuitionistic Fuzzy Sets and Contemporary Mathematics Conference (IFSCOM 2017), Mersin, Turkey, 3 - 07 May 2017
- VI. **Coordinate Finite Type Rotational Surfaces in Euclidean Spaces**  
BAYRAM B., ARSLAN K., ÖNEN N., BULCA B.  
13. Geometri Sempozyumu, İstanbul, Turkey, 27 - 30 July 2015
- VII. **Chen Inequalities on Submanifold of a Real Space Forms with a Ricci Quarter Symmetric Metric Connection**  
ÖNEN N., YAŞAR E.  
12. Geometri Sempozyumu, Bilecik, Turkey, 23 - 26 June 2014
- VIII. **Curves of Restricted Type in Euclidean Spaces**  
BAYRAM B., ÖNEN N.  
12. Geometri Sempozyumu, Bilecik, Turkey, 23 - 26 June 2014
- IX. **Chen and Chen Like Inequalities on Lightlike Hypersurface of a Lorentzian Manifold with Semi**

### **Symmetric Metric Connection**

ÖNEN N., DOĞAN B., YAŞAR E.

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

### **X. Submanifolds of Restricted Type**

BAYRAM B., ÖNEN N.

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

## **Supported Projects**

DÖNMEZ D., ÖNEN N., Project Supported by Higher Education Institutions, ALTIN SEMİ-RIEMANN MANİFOLDLARIN LIĞHTLIKE ALTMANİFOLDLARI, 2016 - 2018

## **Metrics**

Publication: 33

Citation (WoS): 13

Citation (Scopus): 10

H-Index (WoS): 1

H-Index (Scopus): 2

## **Congress and Symposium Activities**

17th International Geometry Symposium, Attendee, Erzincan, Turkey, 2019

6th International Intuitionistic Fuzzy Sets and Contemporary Mathematics Conference, Attendee, Mersin, Turkey, 2019

2. Uluslararası İstatistik Matematik ve Analitik Yöntemler Kongresi, Attendee, İstanbul, Turkey, 2019

5th IFS and Contemporary Mathematics Conference, Attendee, Kahramanmaraş, Turkey, 2018

16th International Geometry Symposium, Attendee, Manisa, Turkey, 2018

16th International Geometry Symposium, Attendee, Turkey, 2018

16th International Geometry Symposium, Attendee, Manisa, Turkey, 2018

15th International Geometry Symposium, Attendee, Amasya, Turkey, 2017

15th International Geometry Symposium, Attendee, Amasya, Turkey, 2017

International Conference on Mathematics and Mathematics Education (ICMME-2017), Attendee, Şanlıurfa, Turkey, 2017

4. International Intuitionistic Fuzzy Sets and Contemporary Mathematics Conference, Attendee, Mersin, Turkey, 2017

4. International Intuitionistic Fuzzy Sets and Contemporary Mathematics Conference, Attendee, Mersin, Turkey, 2017

13.GEOMETRİ SEMPOZYUMU, Attendee, İstanbul, Turkey, 2015

12.GEOMETRİ SEMPOZYUMU, Attendee, Turkey, 2014

12.GEOMETRİ SEMPOZYUMU, Attendee, Turkey, 2014

12.GEOMETRİ SEMPOZYUMU, Attendee, Bilecik, Turkey, 2014

10.GEOMETRİ SEMPOZYUMU, Attendee, Balıkesir, Turkey, 2013