

## Prof. MUSTAFA ÖZKAN

### Personal Information

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### International Researcher IDs

ScholarID: 5DUq6WMAAAAJ

ORCID: 0000-0002-5883-2294

Publons / Web Of Science ResearcherID: H-3701-2018

ScopusID: 55860800248

Yoksis Researcher ID: 42681

### Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 1998 - 2006

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), Turkey 1995 - 1998

Undergraduate, Gazi University, Fen-Edebiyat Fakültesi, Matematik Pr., Turkey 1991 - 1995

### Dissertations

Doctorate, Hiperyüzeylerin vektör demetlerine taşınması, Gazi University, Fen Bilimleri Enstitüsü, Matematik (Dr), 2006

Postgraduate, Lineer çatlıların aslı lif demeti ile birleşik vektör demetlerine lineer konneksiyonların horizontal lifti, Gazi University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), 1998

### Research Areas

Differential Geometry, Geometry

### Academic Titles / Tasks

Professor, Gazi University, Fen Fakültesi, Matematik, 2022 - Continues

Associate Professor, Gazi University, Fen Fakültesi, Matematik, 2018 - 2022

Assistant Professor, Gazi University, Fen Fakültesi, Matematik, 2009 - 2018

Lecturer PhD, Gazi University, Fen Fakültesi, Matematik, 2006 - 2009

Research Assistant, Gazi University, Fen Fakültesi, Matematik, 1996 - 2006

### Academic and Administrative Experience

Deputy Head of Department, Gazi University, Fen Fakültesi, Matematik, 2020 - 2023

Fakülte Kurulu Üyesi, Gazi University, Fen Fakültesi, 2019 - 2022

Gazi University, Fen Fakültesi, Matematik Bölümü, 2017 - 2020

Fakülte Kurulu Üyesi, Gazi University, Fen Fakültesi, 2014 - 2015  
Fakülte Yönetim Kurulu Üyesi, Gazi University, Polatlı Fen-Edebiyat Fakültesi, 2012 - 2015  
Gazi University, Polatlı Fen-Edebiyat Fakültesi, 2012 - 2014  
Fakülte Kurulu Üyesi, Gazi University, Fen Fakültesi, 2011 - 2014  
Gazi University, Fen Fakültesi, Matematik Bölümü, 2009 - 2012  
Fakülte Kurulu Üyesi, Gazi University, Fen Fakültesi, 2010 - 2011

## Courses

### Postgraduate

DOCUMENT PREPARATION WITH LATEX, Postgraduate, 2023 - 2024, 2021 - 2022, 2020 - 2021, 2019 - 2020  
THEORY OF MANIFOLDS II, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2017 - 2018  
SCIENTIFIC RESEARCH METHODS AND ETHICS, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018  
THEORY OF MANIFOLDS I, Postgraduate, 2021 - 2022, 2019 - 2020, 2017 - 2018, 2016 - 2017  
TENSOR GEOMETRİ 2, Postgraduate, 2016 - 2017  
DÖNÜŞÜMLER VE GEOMETRİLER, Postgraduate, 2016 - 2017

### Undergraduate

ANALYTIC GEOMETRY I, Undergraduate, 2023 - 2024, 2022 - 2023  
RESEARCH PROJECT I, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019  
ANALYTIC GEOMETRY I, Undergraduate, 2023 - 2024, 2022 - 2023  
RESEARCH PROJECT II, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019  
PREPARING DOCUMENT WITH LATEX, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019  
FUNDAMENTALS OF INFORMATION TECHNOLOGIES, Undergraduate, 2020 - 2021, 2019 - 2020  
GEOMETRİ II, Undergraduate, 2017 - 2018  
GEOMETRİ I, Undergraduate, 2017 - 2018  
LİNE GRUPLARI, Undergraduate, 2017 - 2018  
İSTATİSTİKTE MATRİS KURAMI, Undergraduate, 2016 - 2017  
HAREKET GEOMETRİSİ I, Undergraduate, 2016 - 2017  
HAREKET GEOMETRİSİ II, Undergraduate, 2016 - 2017  
DIFFERENTIAL GEOMETRY II, Undergraduate, 2012 - 2013  
DIFFERENTIAL GEOMETRY GEOMETRİ I, Undergraduate, 2012 - 2013

## Supervised Theses

Özkan M., Almost bronze manifolds, Postgraduate, S.DOĞAN(Student), 2023  
Özkan M., Some almost metallic structures on manifolds with linear connection, Doctorate, S.BOSTAN(Student), 2023  
Özkan M., On submanifolds of an almost complex metallic Riemannian manifold, Doctorate, A.TORUN(Student), 2023  
Özkan M., The geometry of complex metallic conjugate connections, Doctorate, T.TAMİRCİ(Student), 2023  
Özkan M., Prolongations Of Metallic Structures To Tangent Bundles, Postgraduate, E.OZAN(Student), 2019  
Özkan M., Prolongations of metallic structure to the tangent bundle of order two, Postgraduate, C.AYAZ(Student), 2019  
ÖZKAN M., Quaternionic Polynomial Equations, Postgraduate, B.AY(Student), 2017  
ÖZKAN M., Metallic Differential Geometry, Postgraduate, F.YILMAZ(Student), 2016  
ÖZKAN M., Silver differential geometry, Postgraduate, B.PELTEK(Student), 2014  
ÖZKAN M., Prolongation of silver manifolds to the tangent bundles of order two, Postgraduate, A.ASUMAN(Student), 2014  
ÖZKAN M., Prolongation of silver manifold to the tangent bundle, Postgraduate, E.TAYLAN(Student), 2014  
ÖZKAN M., Complete lift of f-sturcutre manifold, Postgraduate, S.SOYLU(Student), 2012

## Jury Memberships

Post Graduate, Post Graduate, Ankara Üniversitesi, January, 2024  
Post Graduate, Post Graduate, Ankara Üniversitesi, October, 2022  
Post Graduate, Post Graduate, Gazi Üniversitesi, February, 2022  
Doctorate, Doctorate, Atatürk Üniversitesi, August, 2021  
Post Graduate, Post Graduate, Gazi Üniversitesi, July, 2021  
Doctorate, Doctorate, Gazi Üniversitesi, December, 2020  
Doctoral Examination, Doctoral Examination, Gazi Üniversitesi, December, 2020  
Post Graduate, Post Graduate, Kırıkkale Üniversitesi, September, 2020

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

- I. **Some Results on Harmonic Metrics**  
Kadi F. Z., Kacimi B., ÖZKAN M.  
Mediterranean Journal of Mathematics, vol.20, no.3, 2023 (SCI-Expanded)
- II. **Submanifolds of Almost-Complex Metallic Manifolds**  
Torun A., Özkan M.  
Mathematics, vol.11, no.5, 2023 (SCI-Expanded)
- III. **Almost Bronze Structures on Differentiable Manifolds**  
Özkan M., Doğan S.  
Journal of Mathematics, vol.2022, pp.1-11, 2022 (SCI-Expanded)
- IV. **On the Generalized Gaussian Fibonacci Numbers and Horadam Hybrid Numbers: A Unified Approach**  
YILMAZ F., ÖZKAN M.  
AXIOMS, vol.11, no.6, 2022 (SCI-Expanded)
- V. **Bifoliated Homotopy Invariant and Metallic Submersions**  
Kacimi B., Özkan M., Hathout F.  
MEDITERRANEAN JOURNAL OF MATHEMATICS, vol.18, no.4, 2021 (SCI-Expanded)
- VI. **On Four-Dimensional Paracomplex Structures with Norden Metrics**  
Iscan M., ÖZKAN M.  
UKRAINIAN MATHEMATICAL JOURNAL, vol.67, no.1, pp.33-44, 2015 (SCI-Expanded)
- VII. **Notes on the tangent bundle with deformed complete lift metric**  
GEZER A., ÖZKAN M.  
TURKISH JOURNAL OF MATHEMATICS, vol.38, no.6, pp.1038-1049, 2014 (SCI-Expanded)
- VIII. **Some properties of para-Kähler-Walker metrics**  
ÖZKAN M., Iscan M.  
ANNALES POLONICI MATHEMATICI, vol.112, no.2, pp.115-125, 2014 (SCI-Expanded)

## Articles Published in Other Journals

- I. **NOTES ON THE GEOMETRY OF COTANGENT BUNDLE AND UNIT COTANGENT SPHERE BUNDLE**  
KACIMI B., KADI F. Z., ÖZKAN M.  
Communications Faculty of Sciences University of Ankara Series A1: Mathematics and Statistics, vol.73, no.3, pp.845-859, 2024 (ESCI)
- II. **ON THE BIHARMONICITY OF VECTOR FIELDS ON PSEUDO-RIEMANNIAN MANIFOLDS**  
Alem A., Kacimi B., ÖZKAN M.  
HONAM MATHEMATICAL JOURNAL, no.2, pp.300-315, 2023 (ESCI)
- III. **SOME PROPERTIES OF COMPLEX GOLDEN CONJUGATE CONNECTIONS**  
Özkan M., Tamirci T.

FACTA UNIVERSITATIS-SERIES MATHEMATICS AND INFORMATICS, vol.37, no.5, pp.1007-1020, 2022 (ESCI)

- IV. **Vector fields which are biharmonic maps**  
Alem A., Kacimi B., ÖZKAN M.  
JOURNAL OF GEOMETRY, vol.113, no.1, 2022 (ESCI)
- V. **METALLIC STRUCTURES ON DIFFERENTIABLE MANIFOLDS**  
ÖZKAN M., Yilmaz F.  
JOURNAL OF SCIENCE AND ARTS, no.3, pp.645-660, 2018 (ESCI)
- VI. **Prolongations of Hypersurfaces to Vector Bundles**  
ÖZKAN M., Erdoğan E.  
Turkish Journal of Mathematics and Computer Science, vol.7, pp.73-82, 2017 (Peer-Reviewed Journal)
- VII. **ON LIFTS OF SILVER STRUCTURE**  
ÖZKAN M., Taylan E., Citlak A. A.  
JOURNAL OF SCIENCE AND ARTS, no.2, pp.223-234, 2017 (ESCI)
- VIII. **A New Structure on Manifolds: Silver Structure**  
ÖZKAN M., Peltek B.  
INTERNATIONAL ELECTRONIC JOURNAL OF GEOMETRY, vol.9, no.2, pp.59-69, 2016 (ESCI)
- IX. **PROLONGATIONS OF GOLDEN STRUCTURES TO TANGENT BUNDLES OF ORDER  $r$**   
ÖZKAN M., Yilmaz F.  
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.65, no.1, pp.35-47, 2016 (ESCI)
- X. **ON 4-DIMENSIONAL GOLDEN-WALKER STRUCTURES**  
Savas M., ÖZKAN M., Iscan M.  
JOURNAL OF SCIENCE AND ARTS, no.2, pp.89-100, 2016 (ESCI)
- XI. **Complete lifts of a structures satisfying  $F^3 F^0$  to vector subbundle**  
ÖZKAN M., KEÇİLİOĞLU O.  
Hadronic Journal, vol.38, no.3, pp.295-305, 2015 (Peer-Reviewed Journal)
- XII. **Prolongations of Golden Structure to Tangent Bundle of Order 2**  
ÖZKAN M., Citlak A. A., Taylan E.  
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.28, no.2, pp.253-258, 2015 (ESCI)
- XIII. **Prolongations of golden structures to tangent bundles**  
Özkan M.  
Differential Geometry - Dynamical Systems, vol.16, pp.227-238, 2014 (Peer-Reviewed Journal)
- XIV. **Complete lifts of structures on manifold to vector subbundle**  
ÖZKAN M.  
Gazi University Journal of Science, vol.25, no.3, pp.661-664, 2012 (Scopus)

## Books

- I. **On Prolongations of Metallic Structures to Tangent Bundles of Order Two**  
Özkan M., Ayaz C.  
in: SCIENCE AND MATHEMATICS SCIENCES Theory, Current Researches and New Trends, DÜZ Mehtap, Editor, IVPE Publishing House, Cetinje, pp.24-41, 2020
- II. **İlköğretim Matematik III Öğretmen Kılavuz Kitabı**  
ÇEVİK C., ÖZKAN M.  
Alan Eğitim Teknolojileri, Ankara, 2008
- III. **İlköğretim Matematik III Öğrenci Çalışma Kitabı**  
ÇEVİK C., ÖZKAN M.  
Alan Eğitim Teknolojileri, Ankara, 2008
- IV. **İlköğretim Matematik III Ders Kitabı**  
ÇEVİK C., ÖZKAN M.

## Papers Published in Refereed Scientific Meetings

- I. **The Geometry of Almost Bronze Conjugate Connections**  
Tamirci T., ÖZKAN M.  
2nd International E-Conference on Mathematical and Statistical Science: A Selcuk Meeting, Konya, Turkey, 05 June 2023
- II. **Some Geometric Properties on Almost Bronze Riemannian Manifolds**  
Afşar Ş., ÖZKAN M.  
2nd International E-Conference on Mathematical and Statistical Science: A Selcuk Meeting, Turkey, 05 June 2023
- III. **On the Invariant Submanifolds of Almost Bronze Riemannian Manifolds**  
TORUN A., ÖZKAN M.  
2nd International E-Conference on Mathematical and Statistical Science: A Selcuk Meeting, Turkey, 05 June 2023
- IV. **SUBMANIFOLDS OF ALMOST COMPLEX METALLIC MANIFOLDS**  
ÖZKAN M., TORUN A.  
International Conference on Mathematics and Its Applications in Science and Engineering, Romania, 04 July 2022
- V. **Almost Metallic Structures on Manifolds with Linear Connection**  
ÖZKAN M., BOSTAN S.  
International Conference on Mathematics and Its Applications in Science and Engineering, Spain, 01 July 2021
- VI. **On Bronze Manifolds**  
ÖZKAN M., DOĞAN S.  
International Conference on Mathematics and Its Applications in Science and Engineering, Spain, 01 July 2021
- VII. **Metallic Anti-Kähler Manifolds**  
ÖZKAN M., AY B.  
International Conference on Mathematics and Its Applications in Science and Engineering, Spain, 01 July 2021
- VIII. **The Geometry of Complex Metallic Conjugate Connections**  
ÖZKAN M., Tamirci T.  
17th International Geometry Symposium, 19 - 22 June 2019
- IX. **Metalik Yapıların Yüksek Dereceden Tanjant Demetlere Taşınması**  
ÖZKAN M.  
14. Ankara Matematik Günleri, Turkey, 28 June 2019
- X. **Lifts of Complex Metallic Structure to the Cotangent Bundle**  
ÖZKAN M., Tamirci T.  
International Conference on Mathematics and Mathematics Education, 27 - 29 June 2018
- XI. **On Skew-Centrosymmetric Matrices**  
ÖZKAN M., YILMAZ F.  
International Conference on Mathematics and Mathematics Education, Ordu, Turkey, 27 - 29 June 2018
- XII. **The Geometry of Complex Golden Conjugate Connections**  
ÖZKAN M., Tamirci T.  
16th International Geometry Symposium, 4 - 07 July 2018
- XIII. **Lifts of Complex Golden Structure to the Cotangent Bundle**  
ÖZKAN M.  
15th International Geometry Symposium, 3 - 06 July 2017
- XIV. **Prolongations of Metallic Structure to The Tangent Bundle of Order 2**  
ÖZKAN M., Ayaz C.  
International Conference on Mathematics and Mathematics Education, 11 - 13 May 2017
- XV. **On 4 dimensional Golden Walker structures**  
ÖZKAN M., SAVAŞ M., İŞCAN M.  
Modern Advances in Geometry and Topology, 12 - 16 September 2016

- XVI. **Complete Lifts of Metallic Structures to Tangent Bundles**  
ÖZKAN M., Uz E. O.  
14th International Geometry Symposium, 25 - 28 May 2016
- XVII. **Para Kähler Walker Metriklerin Bazı Özellikleri**  
ÖZKAN M., İŞCAN M.  
13. Geometri Sempozyumu, İstanbul, Turkey, 27 - 30 July 2015
- XVIII. **F Yapı Manifoldun Tam Lifti**  
ÖZKAN M., İŞCAN M.  
13. Geometri Sempozyumu, İstanbul, Turkey, 27 - 30 July 2015
- XIX. **Bronz Yapı**  
YILMAZ F., ÖZKAN M.  
14. Matematik Sempozyumu, Niğde, Turkey, 14 - 16 May 2015
- XX. **Lineer çatıların asli lif demeti ile birleşik vektör demetlerine lineer konneksiyonların horizontal lifti üzerine**  
ÖZKAN M., Erdoğan E.  
I. Ankara Matematik Çalıştayı, Ankara, Turkey, 1 - 02 June 2006

### Activities in Scientific Journals

Turkish Journal of Mathematics and Computer Science, Editor, 2018 - Continues  
Assistant Editor/Section Editor, 2022 - 2023  
Konuralp Journal of Mathematics, Committee Member, 2020 - 2022  
Turkish Journal of Mathematics and Computer Science, Assistant Editor/Section Editor, 2015 - 2017

### Memberships / Tasks in Scientific Organizations

Matematikçiler Derneği, Vice President, 2021 - Continues, Turkey  
Matematikçiler Derneği, Member, 2017 - Continues, Turkey  
AKADEMİSYENLER BİRLİĞİ DERNEĞİ, Member, 2009 - Continues, Turkey  
Matematikçiler Derneği, Vice President, 2019 - 2021, Turkey

### Peer Reviews in Scientific Publications

COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS,  
Journal Indexed in ESCI, August 2024  
HELIYON, SCI Journal, April 2024  
CHINESE ANNALS OF MATHEMATICS, SERIES B, SCI Journal, February 2024  
Konuralp Journal of Mathematics, Other Indexed Journal, February 2023  
Euro-Tbilisi Mathematical Journal, Journal Indexed in ESCI, January 2023  
TURKISH JOURNAL OF MATHEMATICS, SCI Journal, December 2022  
JOURNAL OF MAHANI MATHEMATICAL RESEARCH, Other Indexed Journal, November 2022  
JOURNAL OF SCIENCE AND ARTS, Journal Indexed in ESCI, October 2022  
JOURNAL OF SCIENCE AND ARTS, Journal Indexed in ESCI, October 2022  
INTERNATIONAL ELECTRONIC JOURNAL OF GEOMETRY, Journal Indexed in ESCI, September 2022  
HONAM MATHEMATICAL JOURNAL, Journal Indexed in ESCI, September 2022  
JOURNAL OF MAHANI MATHEMATICAL RESEARCH, Other Indexed Journal, September 2022  
IV International Conference on Mathematics and its Applications in Science and Engineering, Conference Paper (Full Text), July 2022

JOURNAL OF KING SAUD UNIVERSITY - SCIENCE, Journal Indexed in SCI-E, May 2022

New Trends Math Sciences, Other Indexed Journal, May 2022

FACTA UNIVERSITATIS-SERIES MATHEMATICS AND INFORMATICS, Journal Indexed in ESCI, July 2021

Communications Faculty of Sciences University of Ankara Series A2-A3: Physical Sciences and Engineering, Journal Indexed in ESCI, April 2021

GAZI UNIVERSITY JOURNAL OF SCIENCE, Journal Indexed in ESCI, October 2020

HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, Journal Indexed in SCI-E, August 2020

## **Tasks In Event Organizations**

Özkan M., International Conference on Mathematics and Mathematics Education (ICMME 2024), Scientific Congress, Nevşehir, Turkey, Ekim 2024

Özkan M., V International Conference on Mathematics and its Applications in Science and Engineering, Scientific Congress, Spain, Eylül 2024

Özkan M., 3rd International Symposium on Current Developments in Fundamental and Applied Mathematics Sciences, Scientific Congress, İstanbul, Turkey, Eylül 2024

Özkan M., 2nd International Symposium on Current Developments in Fundamental and Applied Mathematics Sciences (ISCDFAMS -2023), Scientific Congress, Ankara, Turkey, Kasım 2023

Özkan M., IV International Conference on Mathematics and its Applications in Science and Engineering, Scientific Congress, Madrid, Spain, Temmuz 2023

Vanlı A., Özkan M., International Geometry Symposium in Memory of Prof. Erdoğan EŞİN, Scientific Congress, Turkey, Şubat 2023

Özkan M., INTERNATIONAL CONFERENCE ON MATHEMATICS AND MATHEMATICS EDUCATION, Scientific Congress, Denizli, Turkey, Eylül 2022

Özkan M., III. INTERNATIONAL CONFERENCE ON MATHEMATICS AND ITS APPLICATIONS IN SCIENCE AND ENGINEERING, Scientific Congress, Romania, Temmuz 2022

Özkan M., INTERNATIONAL CONFERENCE ON MATHEMATICS AND MATHEMATICS EDUCATION, Scientific Congress, Ankara, Turkey, Eylül 2021

Özkan M., II. INTERNATIONAL CONFERENCE ON MATHEMATICS AND ITS APPLICATIONS IN SCIENCE AND ENGINEERING, Scientific Congress, Spain, Temmuz 2021

Özkan M., I. INTERNATIONAL CONFERENCE ON MATHEMATICS AND ITS APPLICATIONS IN SCIENCE AND ENGINEERING, Scientific Congress, Turkey, Temmuz 2020

Özkan M., INTERNATIONAL CONFERENCE ON MATHEMATICS AND MATHEMATICS EDUCATION, Scientific Congress, Konya, Turkey, Temmuz 2019

Özkan M., INTERNATIONAL CONFERENCE ON MATHEMATICS AND MATHEMATICS EDUCATION, Scientific Congress, Ordu, Turkey, Haziran 2018

Özkan M., INTERNATIONAL CONFERENCE ON MATHEMATICS AND MATHEMATICS EDUCATION, Scientific Congress, Şanlıurfa, Turkey, Mayıs 2017

## **Metrics**

Publication: 46

Citation (WoS): 87

Citation (Scopus): 26

H-Index (WoS): 6

H-Index (Scopus): 2

## **Congress and Symposium Activities**

Online International Geometry Symposium in Honor of Prof. Dr. Aysel Turgut Vanlı, Audience, Tunceli, Turkey, 2024

IV International Conference on Mathematics and its Applications in Science and Engineering, Audience, Madrid, Spain, 2023

2nd INTERNATIONAL E-CONFERENCE ON MATHEMATICAL AND STATISTICAL SCIENCES: A SELCUK MEETING, Audience, Konya, Turkey, 2023

International Conference on Mathematics and Mathematics Education, Audience, Denizli, Turkey, 2022

III. International Conference on Mathematics and its Applications in Science and Engineering, Attendee, Bucuresti, Romania, 2022

International Conference on Mathematics and Mathematics Education , Audience, Ankara, Turkey, 2021

II. International Conference on Mathematics and its Applications in Science and Engineering, Attendee, Salamanca, Spain, 2021