

## Prof. AYSEL VANLI

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: ABI-6402-2022

ScopusID: 25030662100

Yoksis Researcher ID: 7810

### Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 1990 - 1995

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Matematik (Yl) (Tezli), Turkey 1987 - 1989

Undergraduate, Gazi University, Fen-Edebiyat Fakültesi, Matematik Pr., Turkey 1982 - 1986

### Dissertations

Doctorate, 3- Boyutlu Minkowski uzayında spacelike ve timelike regle yüzeyler, Ankara University, Fen Bilimleri Enstitüsü, 1995

Postgraduate, Tanjant manifold üzerinde metrikler, konneksiyonlar ve eğriler, Gazi University, Fen Bilimleri Enstitüsü, 1989

### Research Areas

Differential Geometry, Natural Sciences

### Academic Titles / Tasks

Professor, Gazi University, Fen Fakültesi, Matematik, 2011 - Continues

### Courses

Differential Geometry I, Undergraduate, 2022 - 2023

### Advising Theses

Vanlı A., FRACTAL DRAWINGS IN COMPUTER SOFTWARES, Postgraduate, S.AKPINAR(Student), 2022  
VANLI A., Yarı-simetrik metrik koneksiyonlu normal kompleks kontakt metrik manifoldlar, Postgraduate, D.ÖZDEMİR(Student), 2019  
VANLI A., Kompleks sasakian manifoldlar, Postgraduate, K.AVCU(Student), 2019  
VANLI A., Normal kompleks kontakt metrik manifoldlar ve altmanifoldları, Doctorate, İ.ÜNAL(Student), 2017  
VANLI A., 3-boyutlu öklidiyen uzayda bishop çatılı dna ve regle yüzeyler, Doctorate, E.DAMAR(Student), 2015  
VANLI A., Genelleştirilen Kenmotsu manifoldların slant altmanifoldları, Doctorate, R.SARI(Student), 2015  
VANLI A., Ricci soliton in generalized kenmotsu manifolds, Postgraduate, A.AYHAN(Student), 2014

## **Jury Memberships**

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gazi Üniversitesi, December, 2023  
Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Amasya Üniversitesi, November, 2023  
Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Gazi Üniversitesi, October, 2023  
Doctorate, Doctorate, Gazi Üniversitesi, July, 2023  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gazi Üniversitesi, June, 2023  
Doctoral Examination, Doctoral Examination, Gazi Üniversitesi, May, 2023  
Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Samsun Üniversitesi, January, 2023  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gazi Üniversitesi, December, 2022  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gazi Üniversitesi, December, 2022  
Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Gazi Üniversitesi, November, 2022  
Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Selçuk Üniversitesi, August, 2022  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gazi Üniversitesi, June, 2022  
Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Uşak Üniversitesi, May, 2022  
Doctoral Examination, Doctoral Examination, Gazi Üniversitesi, May, 2022  
Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Pamukkale Üniversitesi, March, 2022  
Committee Of Expert, Committee Of Expert, Gazi University, March, 2022  
Associate Professor Exam, Associate Professor Exam, Gazi University, January, 2022  
Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Hacettepe Üniversitesi, October, 2021  
Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Yıldız Teknik Üniversitesi, August, 2021

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

- I. **Slant Submanifolds of a Lorentz Kenmotsu Manifold**  
SARI R., VANLI A.  
MEDITERRANEAN JOURNAL OF MATHEMATICS, vol.16, no.5, 2019 (SCI-Expanded)
- II. **H-curvature tensors on IK-normal complex contact metric manifolds**

- VANLI A., Unal I.  
INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS, vol.15, no.12, 2018 (SCI-Expanded)
- III. **Conformal, concircular, quasi-conformal and conharmonic flatness on normal complex contact metric manifolds**  
VANLI A., ÜNAL İ.  
INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS, vol.14, no.5, 2017 (SCI-Expanded)
- IV. **ALMOST alpha-COSYMPLECTIC f-MANIFOLDS**  
ÖZTÜRK H., MURATHAN C., Aktan N., VANLI A.  
ANALELE STIINTIFICE ALE UNIVERSITATII AL I CUZA DIN IASI-SERIE NOUA-MATEMATICA, vol.60, no.1, pp.211-226, 2014 (SCI-Expanded)
- V. **Some classes of Kenmotsu manifolds with respect to semi-symmetric metric connection**  
Prakasha D. G., VANLI A., Bagewadi C. S., Patil D. A.  
ACTA MATHEMATICA SINICA-ENGLISH SERIES, vol.29, no.7, pp.1311-1322, 2013 (SCI-Expanded)
- VI. **Curvature properties of a semi-symmetric metric connection on S-manifolds**  
AKYOL M. A., VANLI A., Fernandez L. M.  
ANNALES POLONICI MATHEMATICI, vol.107, no.1, pp.71-86, 2013 (SCI-Expanded)
- VII. **On Invariant Submanifolds of a Nearly Trans-Sasakian Manifold**  
Vanli A., Sari R.  
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.36, no.3, pp.423-429, 2011 (SCI-Expanded)
- VIII. **THE GEOMETRICAL STRUCTURE OF A COMPLEXIFIED COMPLETE SET OF PAIRWISE ORTHOGONAL LATIN SQUARES**  
VANLI A., Bayrak H.  
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.36, no.1, pp.75-78, 2007 (SCI-Expanded)
- IX. **Corrected energy of distributions for 3-Sasakian and normal complex contact manifolds**  
Blair D., Vanli A.  
OSAKA JOURNAL OF MATHEMATICS, vol.43, no.1, pp.193-200, 2006 (SCI-Expanded)
- X. **The Boothby-Wang fibration of the Iwasawa manifold as a critical point of the energy**  
Vanli A., Blair D.  
MONATSHEFTE FÜR MATHEMATIK, vol.147, no.1, pp.75-84, 2006 (SCI-Expanded)
- XI. **Bour's theorem in Minkowski 3-space**  
Guler E., Vanli A.  
JOURNAL OF MATHEMATICS OF KYOTO UNIVERSITY, vol.46, no.1, pp.47-63, 2006 (SCI-Expanded)

## Articles Published in Other Journals

- I. **SOME SUBMANIFOLDS OF GENERALIZED KENMOTSU MANIFOLDS**  
VANLI A., Sari R.  
Gulf Journal of Mathematics, vol.14, no.1, pp.114-124, 2023 (Scopus)
- II. **H-QUASI-HEMI-SLANT SUBMERSIONS**  
Kumar S., Kumar S., Prasad R., VANLI A.  
Communications of the Korean Mathematical Society, vol.38, no.2, pp.599-620, 2023 (ESCI)
- III. **The Properties of Projective, Concircular and Conharmonic Curvature Tensor Fields on a Complex Sasakian Manifold**  
Vanli A.  
Turkish Journal of Mathematics and Computer Science, vol.14, no.1, pp.166-173, 2022 (Peer-Reviewed Journal)
- IV. **A NOTE ON \*-CONFORMAL AND GRADIENT \*-CONFORMAL eta-RICCI SOLITONS IN alpha-COSYMPLECTIC MANIFOLDS**  
Haseeb A., Prasad R., Chaubey S. K., VANLI A.  
HONAM MATHEMATICAL JOURNAL, vol.44, no.2, pp.231-243, 2022 (ESCI)
- V. **Conformal quasi bi-slant submersions**

Kumar S., VANLI A., Kumar S., Prasad R.

Analele Stiintifice ale Universitatii Al I Cuza din Iasi - Matematica, vol.68, no.2, pp.167-184, 2022 (Scopus)

- VI. **Semi-invariant submanifolds of normal complex contact metric manifolds**  
VANLI A., ÜNAL İ.  
ADVANCED STUDIES-EURO-TBILISI MATHEMATICAL JOURNAL, pp.109-125, 2022 (ESCI)
- VII. **On complex Sasakian manifolds**  
Vanlı A., Ünal İ., Avcu K.  
Afrika Matematika, vol.32, no.3-4, pp.507-516, 2021 (ESCI)
- VIII. **Second Order Parallel Tensor on Almost Kenmotsu Manifolds**  
Venkatesha V., Naik D. M., Vanli A.  
KYUNGPOOK MATHEMATICAL JOURNAL, vol.61, no.1, pp.191-203, 2021 (ESCI)
- IX. **On Quasi-Hemi-Slant Riemannian Maps**  
Prasad R., Kumar S., Kumar S., Turgut Vanli A.  
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.34, no.2, pp.477-491, 2021 (ESCI)
- X. **Normal complex contact metric manifolds admitting a semi symmetric metric connection**  
Vanlı A., Ünal İ., Özdemir D.  
Applied Mathematics and Nonlinear Sciences, vol.5, no.2, pp.49-66, 2020 (ESCI)
- XI. **Symmetry in Complex Sasakian Manifolds**  
VANLI A., AVCU K.  
Konuralp Journal of Mathematics, vol.8, no.2, pp.349-354, 2020 (Peer-Reviewed Journal)
- XII. **Ricci semi-symmetric normal complex contact metric manifolds**  
Vanlı A., Ünal İ.  
ITALIAN JOURNAL OF PURE AND APPLIED MATHEMATICS, vol.43, pp.477-491, 2020 (ESCI)
- XIII. **In this paper, we present some mathematical mistakes of the paper titled "On  $\eta$  anti-invariant submanifolds of almost complex contact metric manifolds, New Trends in Mathematical Sciences, NTMSCI 4, No. 3, 277-289 (2016)."**  
VANLI A.  
New Trends in Mathematical Science, vol.1, no.7, pp.32-34, 2019 (Peer-Reviewed Journal)
- XIV. **On 3-Dimensional Trans-Sasakian Manifold Admitting a Semi-Symmetric Metric Connection**  
Vishnuvardhana S. V., Venkatesha V., Vanlı A.  
Gazi University Journal of Science, vol.32, no.1, pp.242-254, 2019 (ESCI)
- XV. **Genelleştirilmiş Kenmotsu Manifoldları Üzerinde Conccircular Eğrilik Tensörü**  
ÜNAL İ., SARI R., VANLI A.  
Gümüşhane Üniversitesi Fen Bilimleri Enstitüsü Dergisi, pp.99-105, 2018 (Peer-Reviewed Journal)
- XVI. **On Complex eta-Einstein Normal Complex Contact Metric Manifolds**  
VANLI A., ÜNAL İ.  
COMMUNICATIONS IN MATHEMATICS AND APPLICATIONS, vol.8, no.3, pp.301-313, 2017 (ESCI)
- XVII. **The Ruled Surfaces According to Type-2 Bishop Frame in  $E^3$**   
DAMAR E., YÜKSEL N., VANLI A.  
International Mathematical Forum, vol.12, no.3, pp.133-143, 2017 (Peer-Reviewed Journal)
- XVIII. **REAL HYPERSURFACES OF AN S MANIFOLD**  
VANLI A.  
Acta Universitatis Apulensis, vol.47, pp.21-37, 2016 (Peer-Reviewed Journal)
- XIX. **The Smallest Dimension Submanifolds of Para beta-Kenmotsu Manifold**  
Turgut Vanli A., Sarı R.  
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.29, pp.695-701, 2016 (ESCI)
- XX. **Generalized Kenmotsu Manifolds**  
VANLI A., SARI R.  
COMMUNICATIONS IN MATHEMATICS AND APPLICATIONS, vol.7, no.4, pp.311-328, 2016 (ESCI)
- XXI. **ON SEMI INVARIANT SUBMANIFOLDS OF A GENERALIZEDKENMOTSU MANIFOLD ADMITTING A SEMI SYMMETRICMETRIC CONNECTION**

- VANLI A., SARI R.  
Acta Universitatis Apulensis, vol.43, pp.79-92, 2015 (Peer-Reviewed Journal)
- XXII. **A New Approach for Geometric Properties of DNA Structure in E3**  
YÜKSEL N., VANLI A., DAMAR E.  
Life Science Journal-Acta Zhengzhou University Overseas Edition, vol.12, no.2, pp.71-79, 2015 (Peer-Reviewed Journal)
- XXIII. **On semi invariant submanifolds of a generalized Kenmotsu manifold admitting a semi symmetric non metric connection**  
VANLI A., SARI R.  
Pure and Applied Mathematics Journal, vol.4, pp.14-18, 2015 (Peer-Reviewed Journal)
- XXIV. **Invariant Submanifolds of Trans Sasakian Manifolds**  
VANLI A., SARI R.  
Differ. Geom. Dyn. Syst, vol.12, pp.277-288, 2010 (Peer-Reviewed Journal)
- XXV. **ON THE MEAN, GAUSS, THE SECOND GAUSSIAN AND THE SECOND MEAN CURVATURE OF THE HELICOIDAL SURFACES WITH LIGHT-LIKE AXIS IN  $R^{-1}(3)$**   
Guler E., Vanli A.  
TSUKUBA JOURNAL OF MATHEMATICS, vol.32, no.1, pp.49-65, 2008 (ESCI)
- XXVI. **ON THE MEAN, GAUSS, THE SECOND GAUSSIAN AND THE SECOND MEAN CURVATURE OF THE HELICOIDAL SURFACES WITH LIGHT-LIKE AXIS IN  $R^3$**   
Güler E., Vanlı A.  
TSUKUBA J. MATH, vol.32, no.1, pp.49-65, 2008 (ESCI)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Concircular Curvature Tensor on Generalized Kenmotsu Manifolds**  
ÜNAL İ., SARI R., VANLI A.  
3rd International Conference on Computational Mathematics and Engineering Sciences (CMES-2018), Girne, Cyprus (Kktc), 4 - 06 May 2018
- II. **On Normal Complex Contact Metric Manifolds Admitting a Semi-symmetric Non-Metric Connection**  
VANLI A., Özdemir D., ÜNAL İ.  
16. Uluslararası Geometri Sempozyumu, 4 - 07 July 2018
- III. **On Complex Sasakian Manifolds Satisfying Certain Curvature Conditions**  
VANLI A., AVCU K., ÜNAL İ.  
16. Uluslararası Geometri Sempozyumu, 4 - 07 July 2018
- IV. **Invariant Submanifolds of Normal Complex Contact Metric Manifolds**  
VANLI A., ÜNAL İ., SARI R.  
16. Uluslararası Geometri Sempozyumu, Manisa, Turkey, 4 - 07 July 2018
- V. **Generalized Complex Contact Space Forms**  
ÜNAL İ., VANLI A., Alkaya G.  
16. Uluslararası Geometri Sempozyumu, 4 - 07 July 2018
- VI. **On Complex  $\eta$ -Einstein Normal Complex Contact Metric Manifolds**  
VANLI A., ÜNAL İ.  
15th International Geometry Symposium, 3 - 06 July 2017, pp.169
- VII. **Ricci Solitons on Complex Sasakian Manifolds**  
ÜNAL İ., VANLI A.  
International Conference on Mathematics and Mathematics Education, 11 - 13 May 2017, pp.795
- VIII. **On Complex Sasakian Manifolds**  
VANLI A., ÜNAL İ.  
International Conference on Mathematics and Mathematics Education, 11 - 13 May 2017, pp.740
- IX. **H Curvature Tensors of IK Normal Complex Contact Metric Manifolds**

VANLI A., ÜNAL İ.

14th International Geometry Symposium, Denizli, Turkey, 25 - 28 May 2016, pp.114

X. **ON CONFORMAL CONCIRCULAR AND QUASI CONFORMAL CURVATURE TENSOR OF NORMAL COMPLEX CONTACT METRIC MANIFOLDS**

VANLI A., ÜNAL İ.

Conference on Mathematics and Mathematics Education, Elazığ, Turkey, 12 - 14 May 2016

## Expert Reports

- I. **Symmetry properties of complex contact space form.**  
Vanlı A.  
American Mathematical Society, pp.1, Michigan, 2021
- II. **Generalizations of 3-Sasakian manifolds and skew torsion**  
Vanlı A.  
American Mathematical Society, pp.3, Michigan, 2021
- III. **Generalizations of 3-Sasakian manifolds and skew torsion.**  
Vanlı A.  
american mathematical society, pp.1, Michigan, 2020
- IV. **Affine connections on 3-Sasakian and manifolds.**  
Vanlı A.  
american mathematical society, pp.1, Michigan, 2020
- V. **Holomorphic distributions and connectivity by integral curves of distributions.**  
Vanlı A.  
american mathematical society, pp.1, Michigan, 2020
- VI. **Rigidity of CMC surfaces in the Berger sphere**  
VANLI A.  
2015
- VII. **On T symmetric para Sasakian manifolds**  
VANLI A.  
2015
- VIII. **Einstein manifolds with skew torsion**  
VANLI A.  
2015
- IX. **Unit vector fields of minimum energy on quotients of spheres and stability of the Reeb vector field**  
VANLI A.  
2015

## Scientific Refereeing

The European Physical Journal Plus, Other Indexed Journal, March 2024

Open Mathematics , Other Indexed Journal, December 2023

Journal C- Series, Other Indexed Journal, December 2023

Boletim da Sociedade Paranaense de Matemática, Journal Indexed in ESCI, August 2023

Jordan Journal of Mathematics and Statistics, Journal Indexed in ESCI, August 2023

TUBITAK Project, 1002 - Quick Support Program, Beykent University, Turkey, August 2023

TURKISH JOURNAL OF MATHEMATICS, SCI Journal, June 2023

Turkish Journal of Mathematics and Computer Science, Other Indexed Journal, June 2022

TURKISH JOURNAL OF MATHEMATICS, SCI Journal, July 2021

MATHEMATICAL PROBLEMS IN ENGINEERING, Journal Indexed in SCI-E, March 2021

TUBITAK Project, 1002 - Quick Support Program, Yozgat Bozok University, Turkey, March 2021

FILOMAT, Journal Indexed in SCI-E, September 2020

FILOMAT, Journal Indexed in SCI-E, July 2020

## **Tasks In Event Organizations**

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

## **Metrics**

Publication: 83

Citation (WoS): 123

Citation (Scopus): 126

H-Index (WoS): 7

H-Index (Scopus): 7

## **Congress and Symposium Activities**

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

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

## **Non Academic Experience**

GAZİ ÜNİVERSİTESİ