

Assoc. Prof. NURAL YÜKSEL

Personal Information

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Education Information

Doctorate, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Matematik, Turkey 1992 - 1996

Post Graduate, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Matematik, Turkey 1990 - 1992

Under Graduate, Erciyes Üniversitesi, Fen Fakültesi, Matematik, Turkey 1985 - 1989

Foreign Languages

German, B1 Intermediate

English, B2 Upper Intermediate

Dissertations

Doctorate, DÜZLEMSEL EĞRİLERİN İNVERSİVE GEOMETRİSİ ÜZERİNE, Erciyes Üniversitesi, Fen Fakültesi, Matematik, 1996

Post Graduate, RIEMANN YÜZEYLERİ ÜZERİNDE KAPALI EĞRİLERİN WINDING SAYILARI, Erciyes Üniversitesi, Fen Fakültesi, Matematik, 1992

Research Areas

Basic Sciences, Mathematics, Differential Geometry

Academic Titles / Tasks

Associate Professor, Erciyes Üniversitesi, Fen Fakültesi, Matematik, 2015 - Continues

Assistant Professor, Erciyes Üniversitesi, Fen Fakültesi, Matematik, 2001 - 2015

Professional Experience

Head of Department, Erciyes Üniversitesi, Fen Fakültesi, Matematik, 2015 - Continues

Advising Theses

YÜKSEL N., DERS AŞAMASI, Post Graduate, E.YILDIRIM(Student), Continues

YÜKSEL N., TEZ AŞAMASI, Post Graduate, Ç.ZEKİ(Student), Continues

YÜKSEL N., TEZ AŞAMASI, Doctorate, B.SALTIK(Student), Continues

YÜKSEL N., Bazı Özel Eğriler Üzerine, Post Graduate, S.ADA(Student), Continues

YÜKSEL N., TEZ AŞAMASI, Doctorate, T.CANAYAZ(Student), Continues

YÜKSEL N., Öklid Uzayında Yüzeyler Teorisi Üzerine, Post Graduate, M.POYRAZ(Student), Continues

YÜKSEL N., ÖKLİD UZAYINDA ÖTELEME YÜZEYLER VE REGLE YÜZEYLER, Post Graduate, G.KARAASLAN(Student), 2018

YÜKSEL N., Kontak Geometride Yüzeyler, Doctorate, H.İKİZ(Student), 2016

YÜKSEL N., E^3 de Bishop Çatılı DNA Eğrisi ve Silindirik Yüzeyler, Post Graduate, Ö.KESKİN(Student), 2015

YÜKSEL N., 3-Boyutlu Öklidiyen Uzayda Bishop Çatılı DNA ve Regle Yüzeyler, Doctorate, E.DAMAR(Student), 2015

YÜKSEL N., Slant Helisler Üzerine, Post Graduate, H.İKİZ(Student), 2010

YÜKSEL N., Rektifiyan Geliştirilebilirlik ve Bir Uzay Eğrisinin Küresel Darboux Görüntüsü, Post Graduate, E.KAYA(Student), 2009

YÜKSEL N., Offset Eğrileri ve Yüzeyler, Post Graduate, Z.CESUR(Student), 2008

YÜKSEL N., Bertrand Eğrileri ve Helislerin Genel Özellikleri Üzerine, Post Graduate, S.Şeyma(Student), 2008

YÜKSEL N., S^2 Üzerindeki Eğriler için Frenet- Serret Çatılları, Post Graduate, A.ÖRNEK(Student), 2008

YÜKSEL N., Genelleştirilmiş Hortum Yüzeyleri Üzerine, Post Graduate, M.KÜKCÜ(Student), 2007

YÜKSEL N., Afin Geometri ve Afin Konneksiyonlar Üzerine, Post Graduate, T.ERDOĞAN(Student), 2006

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

- **On Ruled Surface in 3Dimensional Almost Contact Metric Manifold**
Karacan M. K. , Yüksel N., İköz H.
International Journal Of Geometric Methods In Modern Physics, vol.14, no.1451750076, pp.1-8, 2017 (Journal Indexed in SCI Expanded)
- **On pseudohyperbolic space motions**
Turhan T., YÜKSEL N., AYYILDIZ N.
TURKISH JOURNAL OF MATHEMATICS, vol.39, pp.750-762, 2015 (Journal Indexed in SCI)
- **Characterization of k-Type Slant Helices in Em**
YÜKSEL N., Bulca B., Arslan K., Damar E.
PENSEE, no.12, pp.303-319, 2013 (Journal Indexed in SCI Expanded)
- **The Ruled Surfaces According to Bishop Frame in Minkowski 3-Space**
Yüksel N.
ABSTRACT AND APPLIED ANALYSIS, 2013 (Journal Indexed in SCI)

Articles Published in Other Journals

- **CLASSIFICATION OF CONFORMAL SURFACES OF REVOLUTION IN HYPERBOLIC 3-SPACE**
Yüksel N., Karacan M. K.
FACTA UNIVERSITATIS (NIS) ~ Ser. Math. Inform., vol.35, pp.333-349, 2020 (Journal Indexed in ESCI)
- **Ruled Surfaces According to Parallel Trasport Frame in E^4**
Yüksel N., Damar E., Karacan M. K.
International J.Math.Combin., vol.1, pp.1-17, 2020 (Refereed Journals of Other Institutions)
- **LCN-TRANSLATION SURFACES IN AFFINE 3-SPACE**
Yüksel N., Karacan M. K. , Tunçer Y.
Commun. Fac. Sci. Univ. Ank. Ser. A1 Math. Stat., vol.69, pp.461-472, 2020 (Journal Indexed in ESCI)
- **Classification of Translation Surfaces of Type 1 in Semi-Isotropic Space**
Karacan M. K. , Cakmak A., YÜKSEL N., KIZILTUĞ S.
JOURNAL OF MATHEMATICAL EXTENSION, vol.13, no.2, pp.137-156, 2019 (Journal Indexed in ESCI)
- **THE RELATION BETWEEN BASE CURVE OF THE RULED SURFACE AND IT'S ADJOINT CURVE**
YÜKSEL N., KARACAN M. K. , BÜKCÜ B., İKİZ H.
Hadronic Journal and Algebras, Groups and Geometries, no.2, pp.203-211, 2017 (Refereed Journals of Other Institutions)
- **Classication of Some Special Types Ruled Surfaces in Simply Isotropic 3-Space**
KARACAN M. K. , YOON D. W. , YÜKSEL N.
Analele Universitatii de Vest, Timișoara Seria Matematica- Informatica, pp.87-98, 2017 (Refereed Journals of Other Institutions)

- **The Ruled Surfaces According to Type-2 Bishop Frame in E^3**
DAMAR E., YÜKSEL N., TURGUT VANLIA.
International Mathematical Forum, vol.12, no.3, pp.133-143, 2017 (Refereed Journals of Other Institutions)
- **Characterization of the Paralel Curve of the Adjoint Curve in E^3**
KESKİN Ö., YÜKSEL N., KARACAN M. K. , İKİZ H.
Gen. Math. Notes, vol.35, no.1, pp.9-18, 2016 (Refereed Journals of Other Institutions)
- **A New Approach for Geometric Properties of DNA Structure in E^3**
YÜKSEL N., TURGUT VANLIA., DAMAR E.
LIFE SCIENCE JOURNAL, pp.71-79, 2015 (Refereed Journals of Other Institutions)
- **TABULAR SURFACES WITH BISHOP FRAME OF WEINGARTEN TYPES IN EUCLISIAN 3-SPACE**
YÜKSEL N., Tuncer Y., Karacan M. K.
Acta Universitatis Apulensis, no.27, pp.39-50, 2011 (Refereed Journals of Other Institutions)
- **New Characterizations for Bertrand Curves in Minkowski 3-Space**
Bükcü B., Karacan M. K. , YÜKSEL N.
International J.Math. Combin, vol.2, pp.98-103, 2011 (Refereed Journals of Other Institutions)
- **On the dual Bishop darboux rotation axis of the dual spacelike curve with a spacelike binormal**
YÜKSEL N., Karacan M. K. , Bükcü B.
ANTARCTICA JOURNAL OF MATHEMATICS, vol.6, pp.177-185, 2009 (Refereed Journals of Other Institutions)
- **ON THE DUAL BISHOP DARBOUX ROTATION AXIS OF THE DUAL TIMELIKE SPACE CURVE**
Bükcü B., Karacan M. K. , YÜKSEL N.
Far East Journal of Mathematical Sciences (FJMS), vol.31, pp.301-310, 2008 (Refereed Journals of Other Institutions)
- **On the dual Bishop Darboux rotation axis of the dual space curve**
Karacan M. K. , Bukcu B., YÜKSEL N.
Balkan Society of Geometers, Geometry Balkan, vol.10, pp.115-120, 2008 (Refereed Journals of Other Institutions)
- **Some Manifolds Maps**
YÜKSEL N.
Advances in Theoretical and Applied Mathematics (ATAM), vol.1, pp.49-62, 2006 (Refereed Journals of Other Institutions)
- **Paradoxes**
YÜKSEL N., Büyükkeçeci S.
Proceedings of Jangjeon Mathematical Society, vol.6, no.2, pp.147-159, 2003 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- **CLASSIFICATION OF CONFORMAL SURFACES OF REVOLUTION IN HYPERBOLIC 3-SPACE**
YÜKSEL N., KARACAN M. K. , DAMAR E.
7. Uluslararası Avrasya Matematik Bilimleri ve Uygulamaları (IECMSA-2018), Kiev, Ukraine, 26 - 31 August 2018, pp.1
- **Right Conoid in Euclidean 3-Space**
KARACAN M. K. , YÜKSEL N., TUNCER Y., SALTİK B.
XVI. Uluslararası Geometri Sempozyum, Manisa, Turkey, 4 - 07 July 2018, pp.250
- **Ruled Surfaces in Contact Geometry**
YÜKSEL N., KARACAN M. K. , İKİZ H., ODABAŞI Ç. Z.
6th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2017), Budapeşte, Hungary, 14 - 18 August 2017, pp.223
- **Ruled Surfaces According to Parallel Trasport Frame in E^4**
DAMAR E., YÜKSEL N., KARACAN M. K.
15. Uluslararası Geometri Sempozyumu, Amasya, Turkey, 3 - 06 July 2017, pp.1
- **Ruled Surfaces with Type-2 Bishop Frame in E^3**
DAMAR E., YÜKSEL N.
“5th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2016), Belgrad,

Serbia And Montenegro, 16 - 20 August 2016, vol.1, pp.141

- **Characterization with the Adjoint Curve of Parallel Curve in Three-Dimensional Euclidean Space**

KESKİN Ö., İKİZ H., YÜKSEL N., Karacan M. K.

XIII. Geometri Sempozyumu, İstanbul, Turkey, 27 - 30 July 2015, pp.25

- **THE RELATION BETWEEN ADJOINT CURVE OF THE BASE CURVE AND RULED SURFACE IN E^3**

İKİZ H., KESKİN Ö., YÜKSEL N., Karacan M. K.

XIII. Geometri Sempozyumu, İstanbul, Turkey, 27 - 30 July 2015, pp.26

- **Geometry of DNA Structure**

YÜKSEL N., DAMAR E., TURGUT VANLIA.

IECMSA- 3. International Eurasian Conference On Mathematical Sciences And Applications, Viyana, Austria, 25 - 28 August 2014, pp.340

- **Spherical Images for Double-Helix of DNA in 3 Dimensional Space**

YÜKSEL N., TURGUT VANLIA., DAMAR E.

XII. Geometri Sempozyumu, Bilecik, Turkey, 23 - 26 June 2014, pp.82

- **Parallel Curves and Helices in Minkowski 3-Space**

YÜKSEL N., Karacan M. K. , Bükcü B., İKİZ H.

XII. Geometri Sempozyumu, Bilecik, Turkey, 23 - 26 June 2014, pp.83

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TURGUT VANLIA., YÜKSEL N., DAMAR E.

XI.GEOMETRİ SEMPOZYUMU, Ordu, Turkey, 1 - 05 July 2013, pp.1-5

Supported Projects

YÜKSEL N., İKİZ H., KARACAN M. K. , Project Supported by Higher Education Institutions, Kontak Geometride Yüzeyler, 2015 - 2017

YÜKSEL N., CESUR Z., Project Supported by Higher Education Institutions, OFSET EĞRİLERİ VE YÜZEYLER, 2007 - 2009

Scientific Refereeing

Amerikan Mathematical Society, Reviewer , Dergide Hakemlik, Other journals, January 2016

Invited Congress and Symposium Activities

7. Uluslararası Avrasya Matematik Bilimleri ve Uygulamaları (IECMSA-2018), Attendee, Kyyiv, Ukraine, 2018

XVI. Uluslararası Geometri Sempozyumu, Attendee, Manisa, Turkey, 2018

6th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA), Attendee, Budapest, Hungary, 2017

XV. Uluslararası Geometri Sempozyumu, Attendee, Amasya, Turkey, 2017

5th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA), Attendee, Beograd, Serbia And Montenegro, 2016

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

IECMSA- 3. International Eurasian Conference On Mathematical Sciences And Applications, Attendee, VİYANA, Austria, 2014

XII.Geometri Sempozyumu, Attendee, BİLECİK, Turkey, 2014

XI. GEOMETRİ SEMPOZYUMU, Attendee, ORDU, Turkey, 2013

X. GEOMETRİ SEMPOZYUMU, Attendee, Balıkesir, Turkey, 2012

IX. GEOMETRİ SEMPOZYUMU, Attendee, SAMSUN, Turkey, 2011

23. ULUSAL MATEMATİK SEMPOZYUMU, Attendee, KAYSERİ, Turkey, 2010

VIII. GEOMETRİ SEMPOZYUMU, Attendee, ANTALYA, Turkey, 2010

VII. GEOMETRİ SEMPOZYUMU, Attendee, KIRŞEHİR, Turkey, 2009

VI. GEOMETRİ SEMPOZYUMU, Attendee, BURSA, Turkey, 2008
V. GEOMETRİ SEMPOZYUMU, Attendee, SAKARYA, Turkey, 2007

Citations

Total Citations (WOS):5

h-index (WOS):1