

Prof. AYŞE ALTIN

Personal Information

Email: ayse@hacettepe.edu.tr

Web: <https://avesis.hacettepe.edu.tr/ayse>

Education Information

Postgraduate, Gazi University, Fen Fakültesi, Matematik/Geometri, Turkey 1983 - 1995

Doctorate, Ankara University, Fen Fakültesi, Matematik/Geometri, Turkey 1989 - 1994

Undergraduate, Ankara University, Fen Fakültesi, Matematik, Turkey 1976 - 1980

Foreign Languages

French, B2 Upper Intermediate

Research Areas

Mathematics, Differential Geometry, Natural Sciences

Academic Titles / Tasks

Associate Professor, Hacettepe University, Fen Fakültesi, Matematik Bölümü, 2013 - Continues

Assistant Professor, Hacettepe University, Fen Fakültesi, Matematik Bölümü, 1995 - 2011

Research Assistant, Ankara University, Fen Fakültesi, Matematik Bölümü, 1989 - 1995

Advising Theses

ALTIN A., Newton metodundan elde edilen rasyonel fonksiyonların dinamiği ve geometrisi, Postgraduate, A.YÜCEER(Student), 2017

ALTIN A., Lorentz uzayında null eğrilerin geometrisi, Postgraduate, E.KAYMAK(Student), 2004

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **On calculation of the pitch and angle of pitch of a closed ruled surface of dimension $(k+1)$ using a rotation minimizing frame in Euclidean space Double-struck capital R_n**
Keskin O., ALTIN A., EKMEKÇİ F. N., YAYLI Y.
MATHEMATICAL METHODS IN THE APPLIED SCIENCES, vol.44, no.8, pp.7004-7016, 2021 (SCI-Expanded)
- II. **A new characterization for classical Bernoulli-Euler elastic curves in $R-n$**
ALTIN A.
INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS, vol.16, no.7, 2019 (SCI-Expanded)
- III. **A Novel Condition to the Harmonic of the Velocity Vector Field of a Curve in $R-n$**

ALTIN A., KÖROĞLU C.

DISCRETE DYNAMICS IN NATURE AND SOCIETY, 2017 (SCI-Expanded)

IV. The Energy of a Domain on the Surface

ALTIN A.

UKRAINIAN MATHEMATICAL JOURNAL, vol.67, no.4, pp.641-647, 2015 (SCI-Expanded)

V. ON THE ENERGY AND PSEUDOANGLE OF FRENET VECTOR FIELDS IN R^{n+1}

Altin A.

UKRAINIAN MATHEMATICAL JOURNAL, vol.63, no.6, pp.969-976, 2011 (SCI-Expanded)

VI. LIGHTLIKE RULED AND REVOLUTION SURFACES IN R^{n+1}

ALTIN A., Kabadayi H., Sabuncuoglu A.

IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY TRANSACTION A-SCIENCE, vol.34, pp.95-101, 2010 (SCI-Expanded)

Articles Published in Other Journals

I. THE CLASSICAL BERNOULLI-EULER ELASTIC CURVE IN A MANIFOLD

ALTIN A.

FACTA UNIVERSITATIS-SERIES MATHEMATICS AND INFORMATICS, vol.34, no.3, pp.473-480, 2019 (ESCI)

II. On the energy of frenet vectors fields in R^n

ALTIN A.

COGENT MATHEMATICS, vol.4, no.1, 2017 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

I. The Hopelessness Level of 3rd Grade Elementary Mathematics Preservice Teachers' and Their Perspectives about Future

ŞENGÜL S., Guner P., ALTIN A.

5th World Conference on Educational Sciences (WCES), Rome, Italy, 5 - 08 February 2013, vol.116, pp.718-721

Supported Projects

ALTIN A., Project Supported by Higher Education Institutions, R^3 Uzayında Hız Vektör Alanının Enerjisi Minimum Olan Eğriler, 2016 - 2017

Metrics

Publication: 9

Citation (WoS): 27

Citation (Scopus): 1

H-Index (WoS): 2

H-Index (Scopus): 1