

## Assoc. Prof. AYŞE ALTIN

### Personal Information

Email: ayse@hacettepe.edu.tr

### Education Information

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

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

Undergraduate, Ankara Üniversitesi, 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 Üniversitesi, Fen Fakültesi, Matematik Bölümü, 2013 - Continues

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

Research Assistant, Ankara Üniversitesi, 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

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

- 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, 2021 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)

**IV. The Energy of a Domain on the Surface**

ALTIN A.

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

**V. ON THE ENERGY AND PSEUDOANGLE OF FRENET VECTOR FIELDS IN  $R-\epsilon(n)$**

Altin A.

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

**VI. LIGHTLIKE RULED AND REVOLUTION SURFACES IN  $R-1(3)$**

ALTIN A., Kabadayi H., Sabuncuoglu A.

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

## 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 (Journal Indexed in ESCI)

**II. On the energy of frenet vectors fields in  $R-n$**

ALTIN A.

COGENT MATHEMATICS, vol.4, no.1, 2017 (Journal Indexed in 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, R3 Uzayında Hız Vektör Alanının Enerjisi Minimum Olan Eğriler, 2016 - 2017

## Citations

Total Citations (WOS):27

h-index (WOS):2