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Personal Information

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Education Information

Doctorate, Suleyman Demirel University, Fen Bilimleri Enstitüsü, Matematik, Turkey Continues

Postgraduate, Suleyman Demirel University, Fen Bilimleri Enstitüsü, Matematik, Turkey Continues

Undergraduate, Erciyes University, Fen-Edebiyat Fakültesi, Matematik, Turkey Continues

Research Areas

Mathematics, Differential Geometry, Natural Sciences

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

- I. **Characterization of integral curves of a linear vector field in Lorentz 3-space**
Turhan T., AYYILDIZ N.
INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS, vol.13, no.6, 2016 (Journal Indexed in SCI)
- II. **Skew-symmetric matrices and integral curves in Lorentzian spaces**
Turhan T., AYYILDIZ N.
KUWAIT JOURNAL OF SCIENCE, vol.43, no.3, pp.41-49, 2016 (Journal Indexed in SCI)
- III. **INTEGRAL CURVES OF A LINEAR VECTOR FIELD IN SEMI-EUCLIDEAN SPACES**
Turhan T., Ayyildiz N.
DYNAMIC SYSTEMS AND APPLICATIONS, vol.24, no.3, pp.361-374, 2015 (Journal Indexed in SCI)
- IV. **On pseudohyperbolic space motions**
Turhan T., YÜKSEL N., AYYILDIZ N.
TURKISH JOURNAL OF MATHEMATICS, vol.39, no.5, pp.750-762, 2015 (Journal Indexed in SCI)
- V. **A STUDY ON A RULED SURFACE WITH LIGHTLIKE RULING FOR A NULL CURVE WITH CARTAN FRAME**
AYYILDIZ N., Turhan T.
BULLETIN OF THE KOREAN MATHEMATICAL SOCIETY, vol.49, no.3, pp.635-645, 2012 (Journal Indexed in SCI)
- VI. **A characterization of dual Lorentzian spherical curves in the dual Lorentzian space**
Ayyildiz N., Coken A. C. , Yucesan A.
TAIWANESE JOURNAL OF MATHEMATICS, vol.11, no.4, pp.999-1018, 2007 (Journal Indexed in SCI)
- VII. **On rectifying dual space curves**
YÜCESAN A., AYYILDIZ N., Coeken A. C.
REVISTA MATEMATICA COMPLUTENSE, vol.20, no.2, pp.497-506, 2007 (Journal Indexed in SCI)
- VIII. **On the scalar and dual formulations of the curvature theory of line trajectories in the Lorentzian space**
Ayyildiz N., Yucesan A.
JOURNAL OF THE KOREAN MATHEMATICAL SOCIETY, vol.43, no.6, pp.1339-1355, 2006 (Journal Indexed in SCI)
- IX. **On the relaxed elastic line on pseudo-hypersurfaces in pseudo-Euclidean spaces**
YÜCESAN A., Çöken A. C. , AYYILDIZ N., Manning G. S.

Articles Published in Other Journals

- I. **SÜLEYMAN DEMİREL ÜNİVERSİTESİ SEÇİLİ DERSLİKLERİNİN İÇ ÇEVRE KALİTESİ AÇISINDAN İNCELENMESİ**
YURDAKUL S., AYYILDIZ N., Çelik V. E. , İçöz E.
Mühendislik Bilimleri ve Tasarım Dergisi, vol.7, no.4, pp.811-818, 2019 (Refereed Journals of Other Institutions)
- II. **A Study On Geometry of Spatial Kinematics in Lorentzian Space**
TURHAN T., AYYILDIZ N.
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.21, no.3, pp.808-811, 2017 (Refereed Journals of Other Institutions)
- III. **Matlab Applications for Skew-Symmetric Matrices and Integral Curves in Lorentzian Spaces**
TURHAN T., GÖKTEPE Y. E. , AYYILDIZ N.
DÜZCE ÜNİVERSİTESİ BİLİM VE TEKNOLOJİ DERGİSİ, pp.611-621, 2017 (International Refereed University Journal)
- IV. **Some Results on Point Line Trajectories in Lorentz 3 space**
TURHAN T., ÖZDEMİR V., AYYILDIZ N.
International Electronic Journal of Geometry, vol.9, no.2, pp.44-49, 2016 (Journal Indexed in ESCI)
- V. **A Study on Inextensible Flows of Spherical Curves**
TURHAN T., AYYILDIZ N.
Asian Journal of Mathematics and Computer Research, vol.3, no.3, pp.184-189, 2015 (Refereed Journals of Other Institutions)
- VI. **A study on dual lorentzian spherical motions**
AYYILDIZ N., ÖZBEY E.
International Journal of Physical and Mathematical Sciences, vol.3, no.1, 2012 (Refereed Journals of Other Institutions)
- VII. **On Curvature Theory of Ruled Surfaces with Lightlike Ruling in Minkowski 3 Space**
TURHAN T., AYYILDIZ N.
International Journal of Mathematical Sciences and Applications, vol.1, pp.1295-1302, 2011 (Refereed Journals of Other Institutions)
- VIII. **Non degenerate hypersurfaces of a semi Riemannian manifold with a semi symmetric metric connection**
YÜCESAN A., AYYILDIZ N.
Archivum Mathematicum, vol.44, no.1, pp.77-78, 2008 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **A study on rectifying curves in semi-Euclidean space**
YILDIRIM S., AYYILDIZ N.
Algebraic and geometric methods of analysis, 31 May - 05 June 2017
- II. **A study on the integral invariants of a closed spacelike ruled surface**
TURHAN T., AYYILDIZ N.
Algebraic and geometric methods of analysis, 31 May - 05 June 2017
- III. **On Geometry of Spatial Kinematics in Lorentzian Space**
TURHAN T., AYYILDIZ N.
Algebraic and geometric methods of analysis, 31 May - 05 June 2017
- IV. **Yüksek Öğretim Sektörü Yatırım Destek Sistemi Geliştirilmesi Etüt Projesi**
ALTINTAŞ C., ÖCAL C., ERKAN İ., AYYILDIZ N.

16. Ulusal Bölge Bilimi ve Bölge Planlama Kongresi, Turkey, 1 - 02 December 2016

V. Some characterizations of point line trajectories in Lorentz 3 space

ÖZDEMİR V., TURHAN T., AYYILDIZ N.

VI Congress of Mathematicians of Macedonia, 15 - 18 June 2016

VI. On Matrices and Vector Field in Minkowski 3 space

TURHAN T., ÖZDEMİR V., AYYILDIZ N.

VI Congress of Mathematicians of Macedonia, 15 - 18 June 2016

VII. Kinematic geometry of pseudo spherical evolutes

ÖZDEMİR V., TURHAN T., AYYILDIZ N.

VI Congress of Mathematicians of Macedonia, 15 - 18 June 2016

VIII. A Survey on Rectifying Curves in Lorentz n Space

TURHAN T., ÖZDEMİR V., AYYILDIZ N.

14th International Geometry Symposium, Turkey, 25 - 28 May 2016

IX. New Equations for Involute Evolute Curves in Euclidean 3 space

BACAĞ V., AYYILDIZ N.

International Conference on Mathematics and Mechanics, 27 - 28 April 2015

Citations

Total Citations (WOS):26

h-index (WOS):3