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Education Information

Doctorate, Selcuk University, Institute Of Science, Matematik (Dr), Turkey Continues

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

Undergraduate, Suleyman Demirel University, Fen-Edebiyat Fakültesi, Matematik, Turkey Continues

Research Areas

Mathematics, Geometry, Natural Sciences

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

- I. **Hyperelastic curves along Riemannian maps**
TURHAN T., Ozkan Tükel G., ŞAHİN B.
TURKISH JOURNAL OF MATHEMATICS, 2022 (Journal Indexed in SCI)
- II. **INTEGRAL CURVES OF A LINEAR VECTOR FIELD IN SEMI-EUCLIDEAN SPACES**
Turhan T., Ayyıldız N.
DYNAMIC SYSTEMS AND APPLICATIONS, vol.24, no.3, pp.361-374, 2015 (Journal Indexed in SCI)
- III. **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)
- IV. **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)

Articles Published in Other Journals

- I. **ON THE GEOMETRY OF RATIONAL BEZIER CURVES**
YILMAZ CEYLAN A., TURHAN T., Tükel G. O.
HONAM MATHEMATICAL JOURNAL, vol.43, no.1, pp.88-99, 2021 (Journal Indexed in ESCI)
- II. **On Rectifying Curves and Their Characterization in Lorentz n-Space**
Turhan T.
INTERNATIONAL ELECTRONIC JOURNAL OF GEOMETRY, vol.11, no.1, pp.26-36, 2018 (Journal Indexed in ESCI)
- III. **C-2 Elastic Curves in Euclidean 3-Space**
Turhan T., TÜKEL G. O. , Yucesan A.
INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS & STATISTICS, vol.57, no.2, pp.110-114, 2018 (Journal Indexed in ESCI)
- IV. **C² Elastic Curves in Euclidean 3-space**
TURHAN T., ÖZKAN TÜKEL G., YÜCESAN A.

INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS & STATISTICS, no.57, pp.110-114, 2018 (International Refereed University Journal)

V. **C² Elastic Curves in Euclidean 3-space**

TURHAN T., ÖZKAN TÜKEL G., YÜCESAN A.

INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS & STATISTICS, no.57, pp.110-114, 2018 (International Refereed University Journal)

VI. **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)

VII. **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)

VIII. **ON SPHERICAL ELASTIC CURVES: SPHERICAL INDICATRIX ELASTIC CURVES**

Tukel G. O. , Turhan T., YÜCESAN A.

JOURNAL OF SCIENCE AND ARTS, no.4, pp.699-706, 2017 (Journal Indexed in ESCI)

IX. **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)

X. **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)

XI. **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)

Books & Book Chapters

I. **Konik Kesitler**

DAĞHAN H. A. , AYTAR S., ARUĞASLAN ÇİNÇİN D., YAKIT ONGUN M., YÜCESAN A., GÜRDAL M., KIRLAR B. B. , ÖZKAN TÜKEL G., TURHAN T., ŞAHİNER A.

in: Kalkülüse Giriş, Yusuf Civan, Editor, Nobel, Ankara, pp.219-306, 2017

II. **3. Bölüm İkinci Dereceden Denklemler ve Fonksiyonlar Eşitsizlikler**

ŞAHİNER A., ARUĞASLAN ÇİNÇİN D., KIRLAR B. B. , YÜCESAN A., GÜRDAL M., AYTAR S., TURHAN T., YAKIT ONGUN M., DAĞHAN H. A. , ÖZKAN TÜKEL G.

in: KALKÜLÜSE GİRİŞ: Grafikler ve Modeller - COLLEGE ALGEBRA Graphs and Models, Yusuf Civan, Editor, Nobel, pp.393-474, 2017

III. **Bölüm 2 Fonksiyonlar Hakkında Daha Fazlası**

ŞAHİNER A., YÜCESAN A., ARUĞASLAN ÇİNÇİN D., KIRLAR B. B. , ÖZKAN TÜKEL G., DAĞHAN H. A. , GÜRDAL M., YAKIT ONGUN M., AYTAR S., TURHAN T.

in: Kalkülüse Giriş: Grafikler ve Modeller College Algebra: Graphs and Models, Yusuf Civan, Editor, Nobel Akademik Yayıncılık, pp.93-162, 2017

IV. **5. Bölüm Üstel ve Logaritmik Fonksiyonlar**

DAĞHAN H. A. , AYTAR S., ARUĞASLAN ÇİNÇİN D., YAKIT ONGUN M., YÜCESAN A., GÜRDAL M., KIRLAR B. B. , ÖZKAN TÜKEL G., TURHAN T., ŞAHİNER A.

in: Kalkülüse Giriş: Grafikler ve Modeller, Yusuf Civan, Editor, Nobel, pp.391-482, 2017

V. **Polinom Fonksiyonlar ve Rasyonel Fonksiyonlar**

DAĞHAN H. A. , AYTAR S., ARUĞASLAN ÇİNÇİN D., YAKIT ONGUN M., YÜCESAN A., GÜRDAL M., KIRLAR B. B. ,
ÖZKAN TÜKEL G., TURHAN T., ŞAHİNER A.

in: Kalkülüse Giriş, Yusuf Civan, Editor, Nobel, pp.219-306, 2017

VI. Grafikler, Fonksiyonlar ve Modeller

DAĞHAN H. A. , AYTAR S., ARUĞASLAN ÇİNÇİN D., YAKIT ONGUN M., YÜCESAN A., GÜRDAL M., KIRLAR B. B. ,
ÖZKAN TÜKEL G., TURHAN T., ŞAHİNER A.

in: Kalkülüse Giriş: Grafikler ve Modeller, Yusuf Civan, Editor, Nobel, Isparta, pp.1-92, 2017

VII. Bölüm 3, İkinci Dereceden (Kuatratik) Fonksiyonlar ve Denklemler Eşitsizlikler

YAKIT ONGUN M., ŞAHİNER A., YÜCESAN A., ARUĞASLAN ÇİNÇİN D., KIRLAR B. B. , ÖZKAN TÜKEL G., DAĞHAN H. A.
, GÜRDAL M., AYTAR S., TURHAN T.

in: KALKÜLÜSE GİRİŞ: Grafikler ve Modeller - COLLEGE ALGEBRA Graphs and Models, Civan Yusuf, Editor, Nobel
Akademik Yayıncılık Eğitim Danışmanlık Tic. Ltd. Şti., Ankara, pp.163-218, 2017

VIII. Diziler, Seriler ve Kombinatorikler

ŞAHİNER A., YÜCESAN A., ARUĞASLAN ÇİNÇİN D., KIRLAR B. B. , ÖZKAN TÜKEL G., DAĞHAN H. A. , YAKIT ONGUN
M., AYTAR S., TURHAN T.

in: KALKÜLÜSE GİRİŞ: Grafikler ve Modeller, Yusuf Civan, Editor, Nobel Yayıncılık, 2017

Refereed Congress / Symposium Publications in Proceedings

I. Hyperelastic curves in $SO(3)$

ÖZKAN TÜKEL G., TURHAN T., YÜCESAN A.

16th international geometry semposium, Manisa, Turkey, 4 - 07 July 2018, pp.304

II. Pseudo Spherical Indicatrix Elastic Curves

YÜCESAN A., ÖZKAN TÜKEL G., TURHAN T.

6TH INTERNATIONAL EURASIAN CONFERENCE ON MATHEMATICAL SCIENCES AND APPLICATIONS, Budapest,
Hungary, 15 - 18 August 2017, pp.195

III. A Survey on Elasticity of C^2 Regular Curves

TURHAN T., ÖZKAN TÜKEL G., YÜCESAN A.

The 9th 10th Dynamical Systems Applications International Conference, Alanya, Antalya, Turkey, 12 - 15 July 2017

IV. A Survey on Spherical Indicatrix Elastic Curves

ÖZKAN TÜKEL G., TURHAN T., YÜCESAN A.

15th International Geometry Symposium, Amasya, Turkey, 3 - 06 July 2017, pp.133

V. On Geometry of Spatial Kinematics in Lorentzian Space

TURHAN T., AYYILDIZ N.

Algebraic and geometric methods of analysis, 31 May - 05 June 2017

VI. 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

VII. 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

VIII. Kinematic geometry of pseudo spherical evolutes

ÖZDEMİR V., TURHAN T., AYYILDIZ N.

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

IX. 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

X. A Survey on Rectifying Curves in Lorentz n Space

TURHAN T., ÖZDEMİR V., AYYILDIZ N.

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

Citations

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