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15th International Geometry Symposium

3-6 July 2017 Amasya/TURKEY

ABSTRACTS BOOK



Proceedings of the 15th International Geometry Symposium

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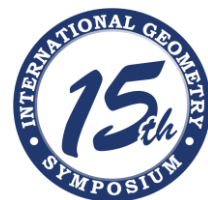
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Two Special Linear Connections on a Differentiable Manifold Admits a Golden Structure	<i>Mustafa Gök, Sadık Keleş, Erol Kılıç</i>	266
On the Position Vector of Space-Like Surfaces In 3-Dimensional Minkowski Space	<i>Alev Kelleci, Nurettin Cenk Turgay, Mahmut Ergüt</i>	268
Generalized Helicoidal 3-Surface in 4-Space	<i>Erhan Güler, H.Hilmi Hacısalihoğlu</i>	270
On the Gauss Map of the Rotational 3-Surface in 4-Space	<i>Erhan Güler, H.Hilmi Hacısalihoğlu</i>	272
RPPPT_i Mechanism with Matlab Applications	<i>Şenay Baydaş, Bülent Karakaş</i>	274
An Equivalence Relation on Control Points of a Bezier Curve	<i>Bülent Karakaş, Şenay Baydaş</i>	275
Dimensions of the Attractors of a Graph-Directed IFS with Condensation	<i>Yunus Özdemir, Fatma Diğdem Yıldırım</i>	276
Geometric kinematics of sliding-rolling contact in Minkowski Space	<i>Tevfik Şahin, Keziban Orbay</i>	277
Ruled Surface Pair Generated by Darboux Vectors of a Curve and Its Natural Lift in IR³	<i>Evren Ergün, Mustafa Çalışkan</i>	278
Intrinsic Equations for a Relaxed Elastic Line on an Oriented Surface in the Pseudo-Galilean Space	<i>Tevfik Şahin</i>	280
Hermite Polynomial Approach to Determine Spherical Curves In Euclidean 3-Space	<i>Tuba Ağırman Aydın, Mehmet Sezer</i>	281
A Note on Projective Plane in PG(4,4)	<i>Süheyla Ekmekçi, Ayşe Bayar, Ziya Akça</i>	282
On Fuzzy Version of Grassmannians in Fuzzy n-Dimensional Projective Space	<i>Ziya Akça, Süheyla Ekmekçi, Ayşe Bayar</i>	283
On Subplanes of Hall Plane	<i>Ayşe Bayar, Ziya Akça, Elif Altıntaş, Süheyla Ekmekçi</i>	284
<i>Abstracts of Geomerty Education</i>		285
Identifying Teacher Canditates' Geometry Content Knowledge: The Example of Angle-Height-Diagonal and Quadrilateral	<i>Suphi Önder Bütüner</i>	286
Pre-school Age Children's Strategies of Recognizing Two Dimensioned Shapes	<i>Halil İbrahim Korkmaz, Abdulhamit Karademir, Ayşegül Korkmaz</i>	288
Preschool Age Children's Strategies of Composing Two Dimensioned Shapes: In the Context of Creativity	<i>Halil İbrahim Korkmaz, Birol Tekin, Ayşegül Korkmaz</i>	290
The Investigation of Prospective Primary Mathematics Teachers' Efficacy Belief Levels Regarding Using of Geometrical Language	<i>Esra Akarsu Yakar, Süha Yılmaz</i>	292
An Example Geometry Course Taught in the Elementary Schools and Comparison to Today's	<i>Emine Altunay Şam, Gönül Türkan Demir, Keziban Orbay</i>	294



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SYMPOSIUM PROGRAMME

Wednesday 14.00-15.30

Strabon		
Chair: Prof. A. Osman Öğrenmiş & Vice-Chair: Assoc.Prof. Soley Ersoy		
Presenter	Author(s)	Abstract Title
Temel Ermiş	Temel Ermiş, Mustafa Çolak, Özcan Gelişgen	On the Truncated Dodecahedron and Truncated Icosahedron Spaces
Muradiye Çimdiker	Muradiye Çimdiker, Cumali Ekici	Affine Solutions of Pseudo-Finsler Eikonal Equations
Kemal Eren	Kemal Eren, Soley Ersoy	Burmester Theory in Affine Cayley-Klein Planes
Muhittin Evren Aydın	Muhittin Evren Aydın, Alper Osman Öğrenmiş, Mahmut Ergüt	Affine Translation Surfaces in Euclidean and Isotropic Geometry

Mihri Hatun		
Chair: Prof. Bayram Şahin & Vice-Chair: Asst.Prof. Süleyman Dirik		
Presenter	Author(s)	Abstract Title
Şuayip Yüzbaşı	Şuayip Yüzbaşı, Esra Sezer	Determination of the Curves of Constant Breadth in Galilean 3-Space by Laguerre Collocation Method
Süleyman Dirik	Süleyman Dirik, Mehmet Atçeken, Ümit Yıldırım	On Contact Pseudo-Slant Submanifolds in a Sasakian Space Form
Hakan Mete Taştan	Hakan Mete Taştan	On Multiply Warped Product Submanifolds
Bayram Şahin	Bayram Şahin, Şerife Nur Bozdağ	Clairaut Cr-Submanifolds of Kaehler Manifolds

Sabuncuoğlu Şerefeddin		
Chair: Prof. Mustafa Kazaz & Vice-Chair: Assoc.Prof. Gülnur Şaffak Atalay		
Presenter	Author(s)	Abstract Title
Önder Şener	Önder Şener, Ayhan Tutar, Serdar Soylu	The Steiner Formula and the Polar Moment of Inertia for the Closed Planar Homothetic Motions in Complex Plane
Erhan Güler	Erhan Güler, H. Hilmi Hacısalihoğlu	On the Gauss Map of the Rotational 3-Surface in 4-Space
Gülnur Şaffak Atalay	Gülnur Şaffak Atalay	Developed Motion of Robot End-Effector of Spacelike Ruled Surfaces (The First Case)
Mehmet Aydınalp	Mehmet Aydınalp, Mustafa Kazaz, Hasan Hüseyin Uğurlu	The Forward Kinematics of Rolling Contact of Spacelike Curves Lying on Spacelike Surfaces



On the Gauss Map of the Rotational 3-Surface in 4-Space

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ABSTRACT

We consider the Gauss map of the rotational hypersurface in the four dimensional Euclidean space. We define the mean curvature and the Gaussian curvature formulas. We also find some geometric properties to the rotational hypersurface.

Key Words: 4-space, rotational hypersurface, Gauss map, mean curvature, Gaussian curvature.

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CERTIFICATE OF PARTICIPATION

This is to Certify that

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has presented a talk entitled

On the Gauss Map of the Rotational 3-Surface in 4-Space

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