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Kişisel Bilgiler

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Birimi : Geometri

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Makaleler (YOKSIS)

- 1 **A Special Type of Anti-invariant Riemannian Submersions**
GÜLBAHAR MEHMET, ERKAN ESRA, MAKSUT FİLİZ
Lobachevskii Journal of Mathematics, <https://doi.org/10.1134/S1995080223120120>
- 2 **A useful orthonormal basis on bi slant submanifolds of almost Hermitian manifolds**
GÜLBAHAR MEHMET, KILIÇ EROL, KELEŞ SADIK
Tamkang Journal of Mathematics, <http://journals.math.tku.edu.tw/index.php/TKJM/article/view/1748>
- 3 **Bi-slant submanifolds of an S manifold**
AKGÜN MÜSLÜM AYKUT, GÜLBAHAR MEHMET
Arab Journal of Mathematical Sciences, <https://www.emerald.com/insight/content/doi/10.1108/ajms-04-2021-0073/full/pdf>
- 4 **Bochner-Chen Ideal Submanifolds**
KILIÇ EROL, GÜLBAHAR MEHMET
Thai Journal of Mathematics,
- 5 **CHEN INVARIANTS FOR RIEMANNIAN SUBMERSIONS AND THEIR APPLICATIONS**
GÜLBAHAR MEHMET, EKEN MERİÇ ŞEMSİ, KILIÇ EROL
Communications Faculty of Sciences University of Ankara Series A1: Mathematics and Statistics,
- 6 **Chen like inequalities on lightlike hypersurfaces of a Lorentzian manifold**
GÜLBAHAR MEHMET, KILIÇ EROL, KELEŞ SADIK
Journal of Inequalities and Applications, <http://www.journalofinequalitiesandapplications.com/content/2013/1/266>
- 7 **Chen Ricci inequalities for submanifolds of Riemannian and Kaehlerian product manifolds**
KILIÇ EROL, TRIPATHI MUKUT MANI, GÜLBAHAR MEHMET
Annales Polonici Mathematici, <http://www.impan.pl/get/doi/10.4064/ap3666-12-2015>

8 **Chen-like Inequalities on Submanifolds of Cosymplectic 3-Space Forms**

GÜLBAHAR MEHMET, ERKAN ESRA

Adiyaman University Journal of Science, <https://doi.org/10.37094/adyujsci.1238940>

9 **Chen's Basic Inequalities for Hypersurfaces of Statistical Riemannian Manifolds**

ERKAN ESRA, GÜLBAHAR MEHMET

International Journal of Maps in Mathematics, <https://simadp.com/journalMIM/article/view/128/67>

10 **Concircular Vector Fields on Lightlike Submanifolds**

GÜLBAHAR MEHMET, KILIÇ EROL, ERKAN ESRA, KAVUK ECEM

Caspian Journal of Mathematics, https://cjms.journals.umz.ac.ir/article_4725_82d42a5d20e8657d2e9fa796be42e57e.pdf

11 **Concurrent Vector Fields on Lightlike Hypersurfaces**

KILIÇ EROL, GÜLBAHAR MEHMET, KAVUK ECEM

MATHEMATICS,

12 **DDVV Inequality on Submanifolds Coupled with a Slant Factor in Quaternionic Kaehler Manifolds**

Bossly Rawan, Choudhary Majid Ali, Siddiqi Mohd Danish, BAHADIR OĞUZHAN, GÜLBAHAR MEHMET

Axioms, <https://doi.org/10.3390/axioms14010006>

13 **Ideality of a Coisotropic Lightlike Submanifold**

KILIÇ EROL, GÜLBAHAR MEHMET

International Electronic Journal Of Geometry,

14 **INEQUALITIES INVOLVING k-CHEN INVARIANTS FOR SUBMANIFOLDS OF RIEMANNIAN PRODUCT MANIFOLDS**

GÜLBAHAR MEHMET, TRIPATHI MUKUT MANI, KILIÇ EROL

Commun. Fac. Sci. Univ. Ank. Ser. A1 Math. Stat,

16 **Inequalities for scalar curvature of pseudo-Riemannian submanifolds**

Tripathi Mukut Mani, GÜLBAHAR MEHMET, KILIÇ EROL, KELEŞ SADIK

Journal of Geometry and Physics, <http://linkinghub.elsevier.com/retrieve/pii/S0393044016302674>

Inequalities for scalar curvature of pseudo-Riemannian submanifolds

Tripathi Mukut Mani, GÜLBAHAR MEHMET, KILIÇ EROL, KELEŞ SADIK

Journal of Geometry and Physics, <http://linkinghub.elsevier.com/retrieve/pii/S0393044016302674>

17 **Lightlike Hypersurfaces of Almost Productlike Semi-Riemannian Manifolds**

AKSU ÖMER, GÜLBAHAR MEHMET, ERKAN ESRA

SYMMETRY-BASEL, <https://www.mdpi.com/2073-8994/15/1/77>

19 **Locally Product-like Statistical Manifolds and Their Hypersurfaces**

ERKAN ESRA, TAKANO KAZUHIKO, GÜLBAHAR MEHMET

International Electronic Journal of Geometry, <https://dergipark.org.tr/tr/pub/iejg/issue/80270/1307467>

Locally Product-like Statistical Manifolds and Their Hypersurfaces

- 19 ERKAN ESRA,TAKANO KAZUHIKO,GÜLBAHAR MEHMET
International Electronic Journal of Geometry,<https://dergipark.org.tr/en/pub/iejg/issue/80270/1307467>
- 20 **Locally product-like statistical submersions**
TAKANO KAZUHIKO, ERKAN ESRA, GÜLBAHAR MEHMET
TURKISH JOURNAL OF MATHEMATICS,<https://doi.org/10.55730/1300-0098.3397>
- 21 **Main Curvatures Identities on Lightlike Hypersurfaces of Statistical Manifolds and Their Characterizations**
BAHADIR OĞUZHAN, SIDDIQUI ALIYA NAAZ, GÜLBAHAR MEHMET, ALKHALDI ALI HUSSAIN
Mathematics,<http://dx.doi.org/10.3390/math10132290>
- 22 **On Co screen Conformality of 1 lightlike Submanifolds in a Lorentzian Manifold**
KILIÇ EROL,KELEŞ SADIĞ,GÜLBAHAR MEHMET
Journal of Mathematics Research,<http://www.ccsenet.org/journal/index.php/jmr/article/view/45054>
- 23 **On the Riemannian Curvature Invariants of Totally eta-Umbilical Real Hypersurfaces of a Complex Space Form**
DENİZ ÖZLEM, GÜLBAHAR MEHMET
Fundamentals of Contemporary Mathematical Sciences,
- 24 **On the sectional curvature of lightlike submanifolds**
KILIÇ EROL,GÜLBAHAR MEHMET
Journal of Inequalities and Applications,<http://www.journalofinequalitiesandapplications.com/content/2016/1/57>
- 25 **Optimal Inequalities for Submanifolds of An Indefinite Space Form**
Güneş Rifat,GÜLBAHAR MEHMET,KELEŞ SADIĞ,KILIÇ EROL
Applications and Applied Mathematics:An International Journal(AAM),
- 26 **Qualar curvatures of pseudo Riemannian manifolds and pseudo Riemannian submanifolds**
GÜLBAHAR MEHMET
AIMS Mathematics,<http://www.aimspress.com/article/10.3934/math.2021085>
- 27 **Radical invariant lightlike hypersurfaces of almost product-like statistical manifolds**
AKSU ÖMER,ERKAN ESRA,GÜLBAHAR MEHMET
Advanced Studies: Euro-Tbilisi Mathematical Journal,<https://tcms.org.ge/Journals/ASETMJ/publications/supplement-issue-3-vol-16-2023/>
- 28 **Ricci Curvatures on Hypersurfaces of Almost Product-like Statistical Manifolds**
GÜLBAHAR MEHMET,ERKAN ESRA,DÜZGÖR MERAL
Journal of Engineering Technology and Applied Sciences,<https://dergipark.org.tr/en/pub/jetas/issue/84337/1419021>
- 29 **Ricci Soliton Lightlike Submanifolds with Co-dimension 2**
KILIÇ EROL,GÜLBAHAR MEHMET,KAVUK ECEM,ERKAN ESRA
Fundamental Journal of Mathematics and Applications,<https://doi.org/10.33401/fujma.1277288>
- 30 **SCREEN ISOTROPIC LEAVES ON LIGHTLIKE HYPERSURFACES OF A LORENTZIAN MANIFOLD**

- 30 GÜLBAHAR MEHMET
Bulletin of the Korean Mathematical Society, <http://koreascience.or.kr/journal/view.jsp?kj=E1BMAXpy=2017vnc=v54n2sp=429>
- 31 **Screen invariant lightlike hypersurfaces of almost product-like statistical manifolds and locally product-like statistical manifolds**
AKSU ÖMER, ERKAN ESRA, GÜLBAHAR MEHMET
Malaya Journal of Matematik, <https://www.malayajournal.org/index.php/mjm/article/view/303/1326>
- 32 **Screen semi-invariant lightlike hypersurfaces on Hermite-like manifolds**
Aksu Ömer, GÜLBAHAR MEHMET
Journal of New Theory, <https://dergipark.org.tr/en/download/article-file/3498050>
- 33 **Semi-Invariant Hypersurfaces in Riemannian Product Manifolds**
GÜLBAHAR MEHMET, ERKAN ESRA
Journal of Science and Arts, <https://doi.org/10.46939/J.Sci.Arts-23.4-a04>
- 34 **Sharp inequalities involving the Ricci curvature for Riemannian submersions**
GÜLBAHAR MEHMET, EKEN MERİÇ ŞEMSİ, KILIÇ EROL
Kragujevac Journal of Mathematics, <https://doi.org/10.5937/kjmath1702279g>
- 35 **Solutions of the fractional combined KdV–mKdV equation with collocation method using radial basis function and their geometrical obstructions**
KAYA DOĞAN, Gülbahar Sema, YOKUŞ ASIF, GÜLBAHAR MEHMET
Advances in Difference Equations, <https://advancesindifferenceequations.springeropen.com/articles/10.1186/s13662-018-1531-0>
- 36 **Some basic inequalities for submanifolds of nearly quasi constant curvature manifolds**
GÜLBAHAR MEHMET, KILIÇ EROL, KELEŞ SADIK, Mukut Mani Tripathi
Differential Geometry -Dynamical Systems, <http://www.mathem.pub.ro/dgds/v16/D16.htm>
- 37 **Some characterizations on indefinite space forms admitting almost contact structures**
ACET BİLAL EFTAL, GÜLBAHAR MEHMET, KILIÇ EROL
Asian-European Journal of Mathematics, <http://dx.doi.org/10.1142/s1793557123500869>
- 38 **SOME INEQUALITIES ON SCREEN HOMOTHETIC LIGHTLIKE HYPERSURFACES OF A LORENTZIAN MANIFOLD**
GÜLBAHAR MEHMET, KILIÇ EROL, KELEŞ SADIK
Taiwanese Journal of Mathematics, <http://journal.taiwanmathsoc.org.tw/index.php/TJM/article/view/3185>
- 39 **Some Inequalities for Riemannian Submersions**
EKEN MERİÇ ŞEMSİ, GÜLBAHAR MEHMET, KILIÇ EROL
An. Stiint. Univ. Al. I. Cuza Iasi. Mat.,
- 40 **Some Notes Concerning Riemannian Submersions and Riemannian Homogenous Spaces**
GÜLBAHAR MEHMET, KILIÇ EROL, KELEŞ SADIK
International Electronic Journal of Geometry, <http://www.iejgeo.com/matder/dosyalar/makale-297/gulbahar-2019-1-14.pdf>

41 SOME OPTIMAL INEQUALITIES FOR SCREEN CONFORMAL HALF LIGHTLIKE SUBMANIFOLDS

GÜLBAHAR MEHMET,KILIÇ EROL

Acta Mathematica Academiae Paedagogicae Nyiregyhaziensis,

42 Special hypersurfaces of almost product-like statistical manifolds

GÜLBAHAR MEHMET

Carpathian Mathematical Publications,<https://journals.pnu.edu.ua/index.php/cmp/issue/view/388>

43 Special proper pointwise slant surfaces of a locally product Riemannian manifold

GÜLBAHAR MEHMET,KILIÇ EROL,SARAÇOĞLU ÇELİK SEMRA

Turkish Journal of Mathematics,<http://online.journals.tubitak.gov.tr/openDoiPdf.htm?mKodu=mat-1412-44>

44 Strongly minimal complex lightlike hypersurfaces

GÜLBAHAR MEHMET, KILIÇ EROL

Hacettepe Journal of Mathematics and Statistics,<http://dx.doi.org/10.15672/hujms.631290>

Bildiriler (YOKSIS)

1 A Useful Orthonormal Basis for Slant Submanifolds of Almost Product Riemannian Manifolds

GÜLBAHAR MEHMET,KELEŞ SADIĞ,KILIÇ EROL

15th International Geometry Symposium ,

2 An Optimal Inequality for Submanifolds of an Indefinite Space Form

GÜNEŞ RIFAT,GÜLBAHAR MEHMET,KELEŞ SADIĞ,KILIÇ EROL

7th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2018) ,

3 B Y Chen inequalities on bi slant submanifolds of an almost Hermitian manifold

GÜLBAHAR MEHMET,KILIÇ EROL,KELEŞ SADIĞ

Bilecik Şeyh Edebali Üniversitesi, XII.Geometri Sempozyumu ,

4 Biharmonic Legendre Frenet Curves on Generalized Indefinite Sasakian Space Forms

ACET BİLAL EFTAL,GÜLBAHAR MEHMET,KILIÇ EROL

17. International Geometry Symposium , <https://17geosem.ebyu.edu.tr/>

5 Certain Basic Inequalities on Lightlike Hypersurfaces of a Lorentzian Manifold

KILIÇ EROL, GÜLBAHAR MEHMET, KELEŞ SADIĞ

Ordu Üniversitesi Fen-Edebiyat Fakültesi Matematik Bölümü XI. Geometri Sempozyumu ,

6 Chen Invariants for Submanifolds of Riemannian Product Manifolds

KILIÇ EROL,KELEŞ SADIĞ,GÜNEŞ RIFAT,GÜLBAHAR MEHMET

7th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2018) ,

7 Chen Invariants for Submanifolds of Riemannian Product Manifolds

KILIÇ EROL,KELEŞ SADIĞ,GÜNEŞ RIFAT,GÜLBAHAR MEHMET

7nd International Eurasian Conference on Mathematical Sciences and Applications ,

- 8 **Chen Ricci inequalities on Riemannian manifolds admitting a Riemannian submersion**
GÜLBAHAR MEHMET, Eken MERİÇ Şemsi, KILIÇ EROL
XIII. Geometri Sempozyumu ,
- 9 **Chen Ricci inequality on bi slant submanifolds of generalized complex space form**
GÜLBAHAR MEHMET, KILIÇ EROL, KELEŞ SADIĞ
Balıkesir Üniversitesi Fen-Edebiyat Fakültesi Matematik Bölümü X. Geometri Sempozyumu ,
- 10 **Co screen conformal 1 lightlike submanifolds in a Lorentzian manifold**
KILIÇ EROL, KELEŞ SADIĞ, GÜLBAHAR MEHMET
XIII. Geometri Sempozyumu ,
- 11 **New Developments in Lightlike Submanifolds Theory**
KELEŞ SADIĞ, KILIÇ EROL, GÜLBAHAR MEHMET
6th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2017) ,
- 12 **On Chen Invariants for Submanifolds of Riemannian product Manifolds**
KILIÇ EROL, GÜLBAHAR MEHMET, KELEŞ SADIĞ
6th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2017) ,
- 13 **On Chen Invariants for Submanifolds of Riemannian Product Manifolds**
KILIÇ EROL, GÜLBAHAR MEHMET, KELEŞ SADIĞ
6th International Conference on Mathematical Sciences and Applications (IECMSA-2017) ,
- 14 **On Contact Type Anti-invariant Riemannian Submersions**
MAKSUT FİLİZ, GÜLBAHAR MEHMET, ERKAN ESRA
10th International Congress on Fundamental and Applied Sciences / 10. Uluslararası Temel ve Uygulamalı Bilimler Kongresi , https://icfas2023.intsa.org/belg/icfas2023_proceeding_book_v3.pdf
- 15 **On isotropic leaves of lightlike hypersurfaces**
GÜLBAHAR MEHMET
14th International Geometry Symposium ,
- 16 **On Ricci Curvature of Lagrangian Submanifolds in Quaternion Space Forms**
GÜLBAHAR MEHMET, KILIÇ EROL, KELEŞ SADIĞ
Ordu Üniversitesi Fen-Edebiyat Fakültesi Matematik Bölümü XI. Geometri Sempozyumu ,
- 17 **On Scalar curvature on pseudo Riemannian submanifolds**
GÜNEŞ RİFAT, GÜLBAHAR MEHMET, KILIÇ EROL
15th International Geometry Symposium ,
- 18 **Scalar curvature of screen homothetic lightlike hypersurfaces of a Lorentzian manifold**
GÜLBAHAR MEHMET, KELEŞ SADIĞ, KILIÇ EROL
2nd International Eurasian Conference on Mathematical Science and Applications ,
- 19 **Screen Ricci curvature on screen locally conformal half lightlike submanifolds of a Lorentzian manifold**
KILIÇ EROL, GÜLBAHAR MEHMET, KELEŞ SADIĞ

- 19 Bilecik Şeyh Edebali Üniversitesi, XII.Geometri Sempozyumu ,
- 20 **Screen scalar curvature in screen locally conformal coisotropic lightlike submanifolds of a semi Euclidean space**
KILIÇ EROL, KELEŞ SADIK, GÜLBAHAR MEHMET
The 4th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2015). ,
- 21 **Screen Semi-Invariant Lightlike Hypersurfaces of an Almost Product-like Statistical Manifold**
AKSU ÖMER,ERKAN ESRA,GÜLBAHAR MEHMET
10th International Congress on Fundamental and Applied Sciences / 10. Uluslararası Temel ve Uygulamalı Bilimler Kongresi , https://icfas2023.intsa.org/belg/icfas2023_proceeding_book_v3.pdf
- 22 **Some inequalities for Riemannian submersions**
Eken Semsî, GÜLBAHAR MEHMET, KILIÇ EROL
Conference Riemannian Geometry and Applications to Engineering and Economics, RIGA. ,
- 23 **Some characterizations for complex lightlike hypersurfaces**
KILIÇ EROL,KELEŞ SADIK,GÜLBAHAR MEHMET
14th International Geometry Symposium ,
- 24 **Some Characterizations for Screen Isotropic Leaves on Lightlike Hypersurfaces**
GÜLBAHAR MEHMET,KELEŞ SADIK,KILIÇ EROL
6th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2017) ,
- 25 **Some Characterizations on Hypersurfaces of Riemannian Product Manifolds**
GÜLBAHAR MEHMET,ERKAN ESRA
2nd International Symposium on Current Developments in Fundamental and Applied Mathematics Sciences, ISCDFAMS-2023 , <https://atabulut.atauni.edu.tr/atabulut/index.php/s/sZJnzvg1Jnh1HEN>
- 26 **Some Characterizations on Radical Lightlike Hypersurfaces of Almost Product-like Lorentzian Manifolds**
AKSU ÖMER,ERKAN ESRA,GÜLBAHAR MEHMET
2nd International E-Conference on Mathematical and Statistical Sciences: A Selcuk Meeting , <https://icomss23.selcuk.edu.tr/wp-content/uploads/2023/06/book-of-abstracts.pdf>
- 27 **Some characterizations on screen locally conformal coisotropic light like submanifolds of a semi Riemannian manifold of index 2**
KILIÇ EROL, GÜLBAHAR MEHMET, KELEŞ SADIK
Conference Riemannian Geometry and Applications to Engineering and Economics RIGA ,
- 28 **Some characterizations on totally eta-umbilical real hypersurfaces of a complex space form**
DENİZ Özlem, GÜLBAHAR MEHMET
3rd International Conference on Pure and Applied Mathematics ,
- 29 **Some Characterizationsfor Screen Isotropic Leaveson Lightlike Hypersurfaces**
GÜLBAHAR MEHMET,KELEŞ SADIK,KILIÇ EROL
6th International Conference on Mathematical Sciences and Applications (IECMSA-2017) ,

- 30 Some Inequalities for Submanifolds of Quasi Constant Curvature Manifolds and Nearly Constant Curvature Manifolds**
KILIÇ EROL, KELEŞ SADIK, GÜLBAHAR MEHMET
15th International Geometry Symposium ,
- 31 Some Notes Concerning Riemannian Submersions and Riemannian Homogeneous Spaces**
GÜLBAHAR MEHMET, KILIÇ EROL, KELEŞ SADIK
7th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2018) ,
- 32 Some notes on Ricci soliton lightlike hypersurfaces admitting concurrent vector fields**
KILIÇ EROL, GÜLBAHAR MEHMET, KAVUK ECEM
18th International Geometry Symposium ,
- 33 Special pointwise slant surface an almost constant curvature manifold**
GÜLBAHAR MEHMET, KILIÇ EROL, SARAÇOĞLU ÇELİK SEMRA
the 4th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2015).
,
- 34 Tangential real hypersurfaces on Hermite-like manifolds**
ERKAN ESRA, GÜLBAHAR MEHMET
The XVI-th International Conference Differential Geometry and Dynamical Systems (DGDS-2022) ,
<http://www.mathem.pub.ro/dept/dgds-22/dgds-22.htm>