

Prof. SADIK KELEŞ

Personal Information

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Education Information

Doctorate, Firat University, Institute Of Science, Matematik, Turkey 1979 - 1982

Postgraduate, Firat University, Institute Of Science, Matematik, Turkey 1977 - 1979

Undergraduate, Ankara University, Fen Fakültesi, Matematik, Turkey 1971 - 1975

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Manifoldlar için Joachimsthal Teoremleri, Firat University, Fen Bilimleri Enstitüsü, Matematik, 1982

Postgraduate, Sabit Eğrilikli Hiperyüzeyler ve Hiperyüzeyler Teorisi, Firat University, Fen Bilimleri Enstitüsü, Matematik, 1979

Research Areas

Mathematics, Differential Geometry, Natural Sciences

Academic Titles / Tasks

Professor, Inonu University, Fen Edebiyat Fakültesi, Matematik, 1993 - Continues

Associate Professor, Inonu University, Fen Edebiyat Fakültesi, Matematik, 1987 - 1993

Assistant Professor, Inonu University, Fen Edebiyat Fakültesi, Matematik, 1982 - 1987

Research Assistant, Firat University, Faculty Of Science, Matematik, 1977 - 1982

Academic and Administrative Experience

Inonu University, Fen Edebiyat, Matematik, 1993 - Continues

Inonu University, Fen Edebiyat, 1988 - Continues

Inonu University, 2009 - 2016

Inonu University, 2000 - 2004

Inonu University, 1995 - 2004

Inonu University, Yakınca Myo, 1997 - 2001

Inonu University, 1999 - 2000

Inonu University, Malatya Myo (Vekaleten), 1999 - 2000
Inonu University, İktisadi Ve İdari Bilimler Fakültesi, 1997 - 2000
Inonu University, 1995 - 1999
Inonu University, Mühendislik Fakültesi, 1994 - 1997
Inonu University, 1995 - 1996
Inonu University, Fen Edebiyat, 1988 - 1996
Inonu University, Fen Edebiyat, Matematik, 1989 - 1993
Inonu University, Tıp Fakültesi, 1989 - 1991
Inonu University, Fen Bilimleri Enstitüsü, 1986 - 1989

Advising Theses

KELEŞ S., Yakın yaklaşım uzaylarında cebirsel yapılar, Doctorate, E.İNAN(Student), 2015
KELEŞ S., KILIÇ E., Lightlike altmanifoldlar üzerinde chen tipi eşitsizlikler, Doctorate, M.GÜLBAHAR(Student), 2014
KELEŞ S., Semi-Riemannian uzaylarında bazı özel eğrilerin geometrisi, Doctorate, M.GÖÇMEN(Student), 2012
KELEŞ S., KILIÇ E., Lorentzian hemen hemen parakontakt manifoldların altmanifoldları ve biharmoniklikleri, Doctorate, S.YÜKSEL(Student), 2011
KELEŞ S., Harmonik morfizmlerin geometrisi üzerine, Postgraduate, S.YÜKSEL(Student), 2005
KELEŞ S., Lorentz yüzeyleri üzerine, Postgraduate, A.İHSAN(Student), 2004
KELEŞ S., Bir hiperyüzeyin pedalinin bazı karakteristik özellikleri, Doctorate, E.KILIÇ(Student), 1996
KELEŞ S., İzomanifoldlar ve izomonifoldların eğrilikleri üzerine, Doctorate, R.ASLANER(Student), 1996

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Some Characterizations of Semi-Invariant Submanifolds of Golden Riemannian Manifolds**
GÖK M., KELEŞ S., KILIÇ E.
MATHEMATICS, vol.7, no.12, 2019 (SCI-Expanded)
- II. **Inequalities for scalar curvature of pseudo-Riemannian submanifolds**
TRIPATHI M. M., Gulbahar M., KILIÇ E., KELEŞ S.
JOURNAL OF GEOMETRY AND PHYSICS, vol.112, pp.74-84, 2017 (SCI-Expanded)
- III. **ξ (perpendicular to)-submanifolds of para-Sasakian manifolds**
Yuksel Perktas S., TRIPATHI M. M., KILIÇ E., KELEŞ S.
TURKISH JOURNAL OF MATHEMATICS, vol.38, no.5, pp.905-919, 2014 (SCI-Expanded)
- IV. **SOME INEQUALITIES ON SCREEN HOMOTHETIC LIGHTLIKE HYPERSURFACES OF A LORENTZIAN MANIFOLD**
GULBAHAR M., KILIÇ E., KELEŞ S.
TAIWANESE JOURNAL OF MATHEMATICS, vol.17, no.6, pp.2083-2100, 2013 (SCI-Expanded)
- V. **Einstein like (epsilon)-para Sasakian manifolds**
KELEŞ S., KILIÇ E., TRIPATHI M. M., Perktas S. Y.
KUWAIT JOURNAL OF SCIENCE, vol.40, no.2, pp.31-42, 2013 (SCI-Expanded)
- VI. **BIHARMONIC HYPERSURFACES OF LP-SASAKIAN MANIFOLDS**
PERKTAS S. Y., KILIÇ E., KELEŞ S.
ANALELE STIINTIFICE ALE UNIVERSITATII AL I CUZA DIN IASI-SERIE NOUA-MATEMATICA, vol.57, no.2, pp.387-408, 2011 (SCI-Expanded)
- VII. **HYPERSURFACES OF LORENTZIAN PARA-SASAKIAN MANIFOLDS**
PERKTAS S. Y., KILIÇ E., KELEŞ S.
MATHEMATICA SCANDINAVICA, vol.109, no.1, pp.5-21, 2011 (SCI-Expanded)
- VIII. **Biharmonic Curves in Lorentzian Para-Sasakian Manifolds**
KELEŞ S., PERKTAS S. Y., KILIÇ E.

BULLETIN OF THE MALAYSIAN MATHEMATICAL SCIENCES SOCIETY, vol.33, no.2, pp.325-344, 2010 (SCI-Expanded)

- IX. **Slant submanifolds of Kaehler product manifolds**
SAHIN B., KELEŞ S.
TURKISH JOURNAL OF MATHEMATICS, vol.31, no.1, pp.65-77, 2007 (SCI-Expanded)
- X. **On the integral invariants of kinematically generated ruled surfaces**
Karadag H. B., Keles S.
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY TRANSACTION A-SCIENCE, vol.29, pp.455-470, 2005 (SCI-Expanded)
- XI. **On the invariant submanifolds of Riemannian product manifold**
ATCEKEN M., Keles S.
ACTA MATHEMATICA SCIENTIA, vol.24, no.4, pp.549-558, 2004 (SCI-Expanded)
- XII. **Two theorems on invariant submanifolds of product Riemannian manifold**
ATCEKEN M., Keles S.
INDIAN JOURNAL OF PURE & APPLIED MATHEMATICS, vol.34, no.7, pp.1035-1044, 2003 (SCI-Expanded)
- XIII. **Two theorems on invariant submanifolds of product Riemannian manifold**
ATÇEKEN M., KELEŞ S.
INDIAN JOURNAL OF PURE & APPLIED MATHEMATICS, vol.34, no.7, pp.1035-1044, 2003 (SCI-Expanded)
- XIV. **QR-submanifolds and almost contact 3-structure**
GÜNEŞ R., SAHIN B., KELEŞ S.
Turkish Journal of Mathematics, vol.24, no.3, pp.239-250, 2000 (SCI-Expanded)
- XV. **THE SERRET-FRENET FORMULAS FOR DUAL QUATERNION-VALUED FUNCTIONS OF A SINGLE REAL VARIABLE**
SIVRIDAG A. İ., GUNES R., KELES S.
MECHANISM AND MACHINE THEORY, vol.29, no.5, pp.749-754, 1994 (SCI-Expanded)
- XVI. **CLOSED SPHERICAL MOTIONS AND HOLDITCH THEOREM**
GUNES R., KELES S.
MECHANISM AND MACHINE THEORY, vol.29, no.5, pp.755-758, 1994 (SCI-Expanded)

Articles Published in Other Journals

- I. **Schouten and Vranceanu Connections on Golden Manifolds**
Gok M., KELEŞ S., KILIÇ E.
INTERNATIONAL ELECTRONIC JOURNAL OF GEOMETRY, vol.12, no.2, pp.169-181, 2019 (ESCI)
- II. **Optimal Inequalities for Submanifolds of An Indefinite Space Form**
GÜNEŞ R., GÜLBAHAR M., KELEŞ S., KILIÇ E.
Applications and Applied Mathematics: An International Journal, no.5, pp.13-32, 2019 (ESCI)
- III. **Some Notes Concerning Riemannian Submersions and Riemannian Homogenous Spaces**
Gulbahar M., KILIÇ E., KELEŞ S.
INTERNATIONAL ELECTRONIC JOURNAL OF GEOMETRY, vol.12, no.1, pp.116-125, 2019 (ESCI)
- IV. **A USEFUL ORTHONORMAL BASIS ON BI-SLANT SUBMANIFOLDS OF ALMOST HERMITIAN MANIFOLDS**
Gulbahar M., KILIÇ E., KELEŞ S.
TAMKANG JOURNAL OF MATHEMATICS, vol.47, no.2, pp.143-161, 2016 (ESCI)
- V. **RICCI SOLITONS IN 3-DIMENSIONAL NORMAL ALMOST PARACONTACT METRIC MANIFOLDS**
Perktas S. Y., KELEŞ S.
INTERNATIONAL ELECTRONIC JOURNAL OF GEOMETRY, vol.8, no.2, pp.34-45, 2015 (ESCI)
- VI. **On Co-screen Conformality of 1-lightlike Submanifolds in a Lorentzian Manifold**
KILIÇ E., KELEŞ S., GULBAHAR M.
Journal of Mathematics Research, vol.7, no.2, pp.76-89, 2015 (Peer-Reviewed Journal)
- VII. **Some basic inequalities for submanifolds of nearly quasi-constant curvature manifolds**

- GULBAHAR M., KILIÇ E., KELEŞ S., Tripathi M. M.
Differential Geometry - Dynamical Systems, vol.16, pp.156-167, 2014 (Peer-Reviewed Journal)
- VIII. **Warped product submanifolds of Lorentzian paracosymplectic manifolds**
PERKTAS S. Y., KILIÇ E., KELEŞ S.
Arab J Math, vol.1, no.3, pp.377-393, 2012 (Peer-Reviewed Journal)
- IX. **ON (ϵ)-para sasakian 3-manifolds**
Perktas S. Y., Kiliç E., Tripathi M. M., Keleş S.
International Journal of Pure and Applied Mathematics, vol.77, no.4, pp.485-499, 2012 (Scopus)
- X. **ON (Epsilon)-PARA SASAKIAN 3-MANIFOLDS**
PERKTAS S. Y., KILIÇ E., TRIPATHI M. M., KELEŞ S.
International Journal of Pure and Applied Mathematics, vol.77, no.4, pp.485-499, 2012 (Peer-Reviewed Journal)
- XI. **SCREEN SEMI INVARIANT LIGHTLIKE SUBMANIFOLDS OF SEMI-RIEMANNIAN PRODUCT MANIFOLDS**
KILIÇ E., SAHIN B., KELEŞ S.
INTERNATIONAL ELECTRONIC JOURNAL OF GEOMETRY, vol.4, no.2, pp.120-135, 2011 (ESCI)
- XII. **ON A SEMI-SYMMETRIC NON-METRIC CONNECTION IN AN LP-SASAKIAN MANIFOLD**
PERKTAS S. Y., KILIÇ E., KELEŞ S.
INTERNATIONAL ELECTRONIC JOURNAL OF GEOMETRY, vol.3, no.2, pp.15-25, 2010 (ESCI)
- XIII. **Indefinite almost paracontact metric manifolds**
Yüksel Perktas S., Tripathi M. M., Kl E., Keleş S.
International Journal of Mathematics and Mathematical Sciences, vol.2010, 2010 (Scopus)
- XIV. **Geometry of the Pedal of a Surface**
KILIÇ E., KELEŞ S.
Erciyes Univ. J. of Inst. Science and Tech., vol.16, pp.77-83, 2000 (Peer-Reviewed Journal)
- XV. **The Conjugate of a Hypersurface**
KILIÇ E., KELEŞ S.
Commun. Fac. Sci. Univ. Ank. Series A_1, vol.47, pp.97-104, 1998 (Peer-Reviewed Journal)
- XVI. **Infinitesimal Motions on Santilli Sourlas Tsagas Isomanifolds**
ASLANER R., KELEŞ S.
Algebras Groups and Geometries, vol.15, no.4, pp.545-561, 1998 (Peer-Reviewed Journal)
- XVII. **The Pedal of Hypersurface with of a Constant Support Function**
KILIÇ E., KELEŞ S.
Pure and App. Mathematika, vol.XLV, pp.11-15, 1997 (Peer-Reviewed Journal)
- XVIII. **On Holditch's Theorem and Polar Inertia Momentum**
KILIÇ E., KELEŞ S.
Commun. Fac. Sci. Univ. Ank. Series A_1, vol.43, pp.41-47, 1994 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Chen Invariants for Submanifolds of Riemannian Product Manifolds**
KILIÇ E., KELEŞ S., GÜNEŞ R., GÜLBAHAR M.
7nd International Eurasian Conference on Mathematical Sciences and Applications, Kiev, Ukraine, 28 - 31 August 2018
- II. **New Developments in Lightlike Submanifolds Theory**
KELEŞ S., KILIÇ E., GÜLBAHAR M.
6th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2017), Budapest, Hungary, 15 - 18 August 2017
- III. **New Developments in Lightlike Submanifolds Theory**
KELEŞ S., KILIÇ E., GÜLBAHAR M.
6th International Conference on Mathematical Sciences and Applications (IECMSA-2017), Budapest, Hungary, 15 - 18 August 2017

- IV. **Some Characterizations for Screen Isotropic Leaves on Lightlike Hypersurfaces**
GÜLBAHAR M., KELEŞ S., KILIÇ E.
6th International Conference on Mathematical Sciences and Applications (IECMSA-2017), Budapest, Hungary, 15 - 18 August 2017
- V. **On Chen Invariants for Submanifolds of Riemannian product Manifolds**
KILIÇ E., GÜLBAHAR M., KELEŞ S.
6th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2017), Budapest, Hungary, 15 - 01 August 2017
- VI. **A Useful Orthonormal Basis for Slant Submanifolds of Almost Product Riemannian Manifolds**
GÜLBAHAR M., KELEŞ S., KILIÇ E.
15th International Geometry Symposium, Amasya, Turkey, 3 - 06 July 2017
- VII. **Two Special Connections on a Differentiable Manifold Admits a Golden Structure**
GÖK M., KELEŞ S., KILIÇ E.
15th International Geometry Symposium, Amasya, Turkey, 3 - 06 July 2017
- VIII. **Some Inequalities for Submanifolds of Quasi Constant Curvature Manifolds and Nearly Constant Curvature Manifolds**
KILIÇ E., KELEŞ S., GÜLBAHAR M.
15th International Geometry Symposium, Amasya, Turkey, 3 - 06 July 2017
- IX. **Two Special Linear Connections on a Differentiable Manifold Admits a Golden Structure**
GÖK M., KELEŞ S., KILIÇ E.
15th International Geometry Symposium, Amasya, Turkey, 3 - 06 July 2017
- X. **Totally Umbilical Semi-Invariant Submanifolds of a Locally Decomposable Riemannian Manifold**
GÖK M., KELEŞ S., KILIÇ E.
International Conference on Mathematics and Mathematics Education (ICMME-2017), Şanlıurfa, Turkey, 11 - 13 May 2017
- XI. **Some Characterizations for Complex Lightlike Hypersurfaces**
KILIÇ E., GÜLBAHAR M., KELEŞ S.
14th International Geometry Symposium, Denizli, Turkey, 25 - 28 May 2016
- XII. **On f Biharmonic Submanifolds in Space Forms**
YÜKSEL PERKTAŞ S., KILIÇ E., KELEŞ S.
4th INTERNATIONAL EURASIAN CONFERENCE ON MATHEMATICAL SCIENCES AND APPLICATIONS, 31 August - 03 September 2015
- XIII. **Screen Scalar Curvature in Screen Locally Conformal Coisotropic Lightlike Submanifolds of a Semi Euclidean Space**
KILIÇ E., GÜLBAHAR M., KELEŞ S.
4th INTERNATIONAL EURASIAN CONFERENCE ON MATHEMATICAL SCIENCES AND APPLICATIONS, 31 August - 03 September 2015
- XIV. **CLASSIFICATION OF DEGENERATE RULED SURFACES IN MINKOWSKI 3-SPACE**
KARADAĞ H. B., KARADAĞ M., KELEŞ S.
IV International Geometry Symposium, Zonguldak, Turkey, 17 July 2006
- XV. **ON THE INTEGRAL INVARIANTS AND THE ABNORMALITY OF CONGRUENCES OBTAINED KINEMATICALLY**
KARADAĞ H. B., KARADAĞ M., KELEŞ S.
XIV. Ulusal Matematik Sempozyumu, Eskişehir, Turkey, 19 September 2001

Supported Projects

GÜNEŞ R., KELEŞ S., Project Supported by Higher Education Institutions, Indefinite Riemann Uzay Formun Altmanifoldları Üzerinde Eşitsizlikler, 2018 - 2019

KILIÇ E., KELEŞ S., Project Supported by Higher Education Institutions, Riemannian Çarpım Manifoldlarının

Metrics

Publication: 50

Citation (WoS): 46

Citation (Scopus): 63

H-Index (WoS): 5

H-Index (Scopus): 5