

## **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, Yakinca 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.  $\xi$ (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**  
SAHİN 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., SAHİN 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 AppliedMathematics: 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 ( $\varepsilon$ )-para sasakian 3-manifolds**  
Perktas S. Y., Kilic E., TRIPATHI M. M., Keles 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 Perktaş 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 Thery**  
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