

# Prof. ARAP DURAN TÜRKOĞLU

## Personal Information

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## Education Information

Doctorate, Inonu University, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 1992 - 1996

Post Graduate, Inonu University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), Turkey 1984 - 1992

Under Graduate, Ankara University, Fen Fakültesi, Matematik Bölümü, Turkey 1984 - 1989

## Dissertations

Doctorate, Çoğul değerli büzülebilir dönüşümler için bazı sabit nokta teoremleri dönüşümler için bazı sabit nokta teoremleri, Inonu University, Fen Bilimleri Enstitüsü, Matematik (Dr), 1996

Post Graduate, Çoğul değerli fonksiyonlar için sabit nokta teoremleri, Inonu University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), 1992

## Academic Titles / Tasks

Professor, Gazi University, Fen Fakültesi, Matematik Bölümü, 2010 - Continues

Associate Professor, Gazi University, Fen Fakültesi, Matematik Bölümü, 2004 - 2010

## Professional Experience

Dean, Amasya University, Fen-Edebiyat Fakültesi, 2011 - 2014

Deputy Head of Department, Gazi University, Fen Fakültesi, Matematik Bölümü, 2002 - 2005

Deputy Head of Department, Kirikkale University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2000 - 2002

Director of Vocational School, Kirikkale University, Keskin Meslek Yüksekokulu, 1997 - 1998

## Advising Theses

TÜRKOĞLU A. D. , Some Generalizations And Applications Of Fixed Point Theorems, Doctorate, H.ŞAHİN(Student), 2019

TÜRKOĞLU A. D. , Genelleştirilmiş metrik uzaylarda bazı ortak sabit noktateoremleri ve uygulamaları, Doctorate, N.MANAV(Student), 2019

TÜRKOĞLU A. D. , M–metrik uzay ve kısmi metrik uzaylarda bazı sabit nokta teoremleri, Post Graduate, O.SOLAK(Student), 2019

TÜRKOĞLU A. D. , Genelleştirilmiş büzülme dönüşümleri için bazı sabit nokta teoremleri, Doctorate, H.İŞİK(Student), 2016

TÜRKOĞLU A. D. , On Fixed Point Theorems, Doctorate, M.SANGURLU(Student), 2016

TÜRKOĞLU A. D. , Fixed Point Theorems In Generalized Metric Spaces, Doctorate, V.ÖZTÜRK(Student), 2015

TÜRKOĞLU A. D. , ÖÇAL A. A. , Fixed point theorems on uniform spaces, Doctorate, D.BİNBAŞIOĞLU(Student), 2014

TÜRKOĞLU A. D. , Büzülme dönüşümleri için sabit nokta teorisi ve uygulamaları, Post Graduate, H.ŞAHİN(Student), 2014

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

- I. **Caristi-Type Fixed Point Theorems and Some Generalizations on M-Metric Space**  
ALTUN İ., ŞAHİN H., Turkoglu D.  
BULLETIN OF THE MALAYSIAN MATHEMATICAL SCIENCES SOCIETY, vol.43, is.3, pp.2647-2657, 2020 (Journal Indexed in SCI)
- II. **Feng-Liu Type Fixed Point Results for Multivalued Mappings in GMMS**  
Turkoglu D., MANAV N.  
MATHEMATICS, vol.7, is.11, 2019 (Journal Indexed in SCI)
- III. **Two fixed point results for multivalued F-contractions on M-metric spaces**  
ŞAHİN H., ALTUN İ., Turkoglu D.  
REVISTA DE LA REAL ACADEMIA DE CIENCIAS EXACTAS FISICAS Y NATURALES SERIE A-MATEMATICAS, vol.113, is.3, pp.1839-1849, 2019 (Journal Indexed in SCI)
- IV. **Fixed points of non-Newtonian contraction mappings on non-Newtonian metric spaces**  
Binbasioglu D., DEMİRİZ S., Turkoglu D.  
JOURNAL OF FIXED POINT THEORY AND APPLICATIONS, vol.18, is.1, pp.213-224, 2016 (Journal Indexed in SCI)
- V. **GENERALIZED WEAKLY  $\alpha$ -CONTRACTIVE MAPPINGS AND APPLICATIONS TO ORDINARY DIFFERENTIAL EQUATIONS**  
Isik H., Turkoglu D.  
MISKOLC MATHEMATICAL NOTES, vol.17, is.1, pp.365-379, 2016 (Journal Indexed in SCI)
- VI. **Fixed point theorems for  $(\psi \circ \phi)$ -contractions in a fuzzy metric spaces**  
SANGURLU SEZEN M., Turkoglu D.  
JOURNAL OF NONLINEAR SCIENCES AND APPLICATIONS, vol.8, is.5, pp.687-694, 2015 (Journal Indexed in SCI)
- VII. **A note on 'Coupled fixed point theorems for mixed g-monotone mappings in partially ordered metric spaces'**  
Bilgili N., ERHAN İ., KARAPINAR E., Turkoglu D.  
FIXED POINT THEORY AND APPLICATIONS, 2014 (Journal Indexed in SCI)
- VIII. **Fixed point theorems for fuzzy  $\psi$ -contractive mappings in fuzzy metric spaces**  
Turkoglu D., SANGURLU SEZEN M.  
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.26, is.1, pp.137-142, 2014 (Journal Indexed in SCI)
- IX. **Fixed point theorem for a generalized contractive fuzzy mapping**  
Abbas M., Turkoglu D.  
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.26, is.1, pp.33-36, 2014 (Journal Indexed in SCI)
- X. **Common Fixed Point Results for Four Mappings on Partial Metric Spaces**  
TÜRKOĞLU A. D. , Ozturk V.  
ABSTRACT AND APPLIED ANALYSIS, 2012 (Journal Indexed in SCI)
- XI. **Some common fixed point theorems for weakly compatible mappings in uniform spaces**  
Turkoglu D.  
ACTA MATHEMATICA HUNGARICA, vol.128, pp.165-174, 2010 (Journal Indexed in SCI)
- XII. **SOME FIXED POINT THEOREMS FOR WEAKLY COMPATIBLE MULTIVALUED MAPPINGS SATISFYING SOME GENERAL CONTRACTIVE CONDITIONS OF INTEGRAL TYPE**  
Altun I., Turkoglu D.  
BULLETIN OF THE IRANIAN MATHEMATICAL SOCIETY, vol.36, is.1, pp.55-67, 2010 (Journal Indexed in SCI)
- XIII. **Cone metric spaces and fixed point theorems in diametrically contractive mappings**  
Turkoglu D., Abuloha M.  
ACTA MATHEMATICA SINICA-ENGLISH SERIES, vol.26, is.3, pp.489-496, 2010 (Journal Indexed in SCI)
- XIV. **Best Approximations Theorem for a Couple in Cone Banach Space**  
KARAPINAR E., Turkoglu D.

- FIXED POINT THEORY AND APPLICATIONS, 2010 (Journal Indexed in SCI)
- XV. **KKM mappings in cone metric spaces and some fixed point theorems**  
 Turkoglu D., Abuloha M., ABDELJAWAD T.  
 NONLINEAR ANALYSIS-THEORY METHODS & APPLICATIONS, vol.72, is.1, pp.348-353, 2010 (Journal Indexed in SCI)
- XVI. **SOME FIXED POINT THEOREMS FOR WEAKLY COMPATIBLE MAPPINGS SATISFYING AN IMPLICIT RELATION**  
 ALTUN İ., Turkoglu D.  
 TAIWANESE JOURNAL OF MATHEMATICS, vol.13, is.4, pp.1291-1304, 2009 (Journal Indexed in SCI)
- XVII. **SOME FIXED POINT THEOREMS FOR WEAKLY COMPATIBLE MULTIVALUED MAPPINGS SATISFYING AN IMPLICIT RELATION**  
 ALTUN İ., Turkoglu D.  
 FILOMAT, vol.22, is.1, pp.13-21, 2008 (Journal Indexed in SCI)
- XVIII. **A fixed point theorem for multi-valued mappings and its applications to integral inclusions**  
 Turkoglu D., Altun I.  
 APPLIED MATHEMATICS LETTERS, vol.20, is.5, pp.563-570, 2007 (Journal Indexed in SCI)
- XIX. **Fixed points of contractive mappings in intuitionistic fuzzy metric spaces**  
 Kutukcu S., Yildiz C., Turkoglu D.  
 JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, vol.9, is.2, pp.181-193, 2007 (Journal Indexed in SCI)
- XX. **A COMMON FIXED POINT THEOREM FOR WEAKLY COMPATIBLE MAPPINGS IN SYMMETRIC SPACES SATISFYING AN IMPLICIT RELATION**  
 Turkoglu D., ALTUN İ.  
 BOLETIN DE LA SOCIEDAD MATEMATICA MEXICANA, vol.13, is.1, pp.195-205, 2007 (Journal Indexed in SCI)
- XXI. **Fixed points of weakly compatible maps satisfying a general contractive condition of integral type**  
 ALTUN İ., Turkoglu D., Rhoades B. E.  
 FIXED POINT THEORY AND APPLICATIONS, 2007 (Journal Indexed in SCI)
- XXII. **Fixed points in intuitionistic fuzzy metric spaces**  
 Alaca C., Turkoglu D., Yildiz C.  
 CHAOS SOLITONS & FRACTALS, vol.29, is.5, pp.1073-1078, 2006 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **Some Caristi type fixed point theorems**  
 ASLANTAŞ M., ŞAHİN H., TÜRKOĞLU A. D.  
 The Journal of Analysis, 2020 (Refereed Journals of Other Institutions)
- II. **Fixed Point Results for Extensions of Orthogonal Contraction on Orthogonal Cone Metric Space**  
 GÜNGÖR N. B. , Turkoglu D.  
 SAHAND COMMUNICATIONS IN MATHEMATICAL ANALYSIS, vol.17, is.4, pp.95-107, 2020 (Journal Indexed in ESCI)
- III. **Some Results for Feng-Liu type Mappings in ModularMetric Spaces**  
 TÜRKOĞLU A. D. , Kılınç E.  
 Journal of advances in mathematical and computer science, vol.35, pp.12-22, 2020 (Refereed Journals of Other Institutions)
- IV. **(fi, psi)-contraction condition for multivalued mappings in complete modular metric spaces**  
 TÜRKOĞLU A. D. , Kılınç E.  
 Asian Research journal of mathematics, vol.16, is.11, pp.54-61, 2020 (Refereed Journals of Other Institutions)
- V. **Fixed point results for cyclic  $(\alpha, \beta)$ -admissible type F-contractions in modular space**  
 SANGURLU SEZEN M., TÜRKOĞLU A. D.  
 International Journal ofMathematical Modelling Computations, vol.9, is.2, pp.101-111, 2019 (Refereed Journals of Other Institutions)

- VI. **coupled coincidence point results for contraction of C- Class mappings in ordered uniform spaces**  
 Ansari A. H. , BİNBAŞIOĞLU ÖZATILGAN D., TÜRKOĞLU A. D.  
 carpathian Math. Publ., vol.11, is.1, pp.3-13, 2019 (Journal Indexed in ESCI)
- VII. **Suziki type fixed point results in p-metric spaces**  
 Simkhah M., TÜRKOĞLU A. D. , Sedghi S, shobe N.  
 communications in optimization theory, 2019 (Refereed Journals of Other Institutions)
- VIII. **Fixed point results for cyclic(alfa, beta)-admissible type F-contractions in modular spaces**  
 SANGURLU SEZEN M., TÜRKOĞLU A. D.  
 International journal of maathematical modelling and computations, pp.101-111, 2019 (Refereed Journals of Other Institutions)
- IX. **Fixed point results for mixed multivalued mappings of Feng-Liu type on Mb- metric spaces**  
 ŞAHİN H., ALTUN İ., TÜRKOĞLU A. D.  
 MATHEMATICAL MODELING AND APPLICATIONS IN NONLINEAR DYNAMICS, 2019 (Refereed Journals of Other Institutions)
- X. **FIXED POINT RESULTS FOR MULTIVALUED MAPPINGS OF FENG-LIU TYPE ON M-METRIC SPACES**  
 ALTUN İ., Sahin H., Turkoglu D.  
 JOURNAL OF NONLINEAR FUNCTIONAL ANALYSIS, 2018 (Journal Indexed in ESCI)
- XI. **FIXED POINTS FOR GENERALIZED (F, h, alpha, mu)-psi-CONTRACTIONS IN b-METRIC SPACES**  
 ÖZTÜRK V., Turkoglu D., Ansari A. H.  
 COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS,  
 vol.67, is.2, pp.306-316, 2018 (Journal Indexed in ESCI)
- XII. **Fixed point theorems in a new type of modular metric spaces**  
 TÜRKOĞLU A. D. , MANAV N.  
 Fixed point theory and applications, pp.1-10, 2018 (Refereed Journals of Other Institutions)
- XIII. **SOME FIXED POINT RESULTS IN COMPLETE GENERALIZED METRIC SPACES**  
 Sangurlu S. M. , Turkoglu D.  
 CARPATHIAN MATHEMATICAL PUBLICATIONS, vol.9, is.2, pp.171-180, 2017 (Journal Indexed in ESCI)
- XIV. **A New method for some fixed point theorems in fuzzy metric spaces**  
 SANGURLU M., IŞIK H., TÜRKOĞLU A. D.  
 Bangmood INT. J. Math. Comp. Sci., vol.3, pp.10-15, 2017 (Refereed Journals of Other Institutions)
- XV. **Some fixed point results for dual contractions of rational type**  
 Nazam M., Arshad M., Radenovic S., TÜRKOĞLU A. D. , ÖZTÜRK V.  
 Mathematica, vol.1, is.21, pp.139-151, 2017 (Refereed Journals of Other Institutions)
- XVI. **Some fixed point theroems in quasi metric spaces under quasi weak contractions**  
 abodayeh k, shatanawi w., TÜRKOĞLU A. D.  
 Global Journal of Pure and Applied Mathematics, vol.12, is.6, pp.4771-4780, 2016 (Refereed Journals of Other Institutions)
- XVII. **SOME FIXED POINT RESULTS FOR CARISTI TYPE MAPPINGS IN MODULAR METRIC SPACES WITH AN APPLICATION**  
 Turkoglu D., Kilinc E.  
 INTERNATIONAL JOURNAL OF ANALYSIS AND APPLICATIONS, vol.12, is.1, pp.15-21, 2016 (Journal Indexed in ESCI)
- XVIII. **Coupled Fixed Point Theorems For Mixed G-Monotone Mappings In Partially Ordered Metric Spaces Via New Functions**  
 Ansari A. H. , SANGURLU SEZEN M., Turkoglu D.  
 GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.29, is.1, pp.149-158, 2016 (Journal Indexed in ESCI)
- XIX. **Some Fixed Point theorems in Ab metric spaces**  
 ughade m., TÜRKOĞLU A. D. , raj Singh s., Daheriya R. D.  
 British Journal of Mathematics&Computer Science, vol.19, is.6, pp.1-24, 2016 (Refereed Journals of Other Institutions)
- XX. **Common fixed points psi F alfa beta weakly contraction mappings in generalized metric spaces via**

## **new functions**

IŞIK H., Chandok S., TÜRKOĞLU A. D. , Ansari a. h.

GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.28, is.4, pp.703-708, 2015 (Refereed Journals of Other Institutions)

- XXI. **Common Fixed Point Theorems for six weakly compatible mappings in D Metric Spaces**  
Sahaban S., TÜRKOĞLU A. D. , Nabi s., Sedghi s.  
Thai. J. Math., vol.7, is.2, pp.381-391, 2011 (Refereed Journals of Other Institutions)
- XXII. **COMMON FIXED POINT OF COMPATIBLE MAPS OF TYPE  $\alpha$  ON COMPLETE FUZZY METRIC SPACES**  
Shaban S., TÜRKOĞLU A. D. , Nabi S.  
COMMUNICATIONS OF THE KOREAN MATHEMATICAL SOCIETY, vol.24, is.4, pp.581-594, 2009 (Refereed Journals of Other Institutions)
- XXIII. **On compatible maps of type I and II in intuitionistic fuzzy metric spaces**  
ALACA C., ALTUN İ., TÜRKOĞLU A. D.  
Commun. Korean Math. Soc., vol.23, is.3, pp.427-446, 2008 (Refereed Journals of Other Institutions)
- XXIV. **Common fixed points of compatible maps in intuitionistic fuzzy metric spaces**  
ALACA C., TÜRKOĞLU A. D. , YILDIZ C.  
Southeast Asian Bull. Math., vol.32, pp.21-33, 2008 (Refereed Journals of Other Institutions)
- XXV. **A fixed point theorem for two pairs of multivalued mappings on two complete uniform spaces**  
TÜRKOĞLU A. D. , ASLAN HANÇER H.  
Set-Valued Mathematics and Applications, vol.1, is.2, pp.183-195, 2008 (Refereed Journals of Other Institutions)
- XXVI. **Some fixed point theorems on fuzzy metric spaces with implicit relations**  
ALTUN İ., TÜRKOĞLU A. D.  
Commun. Koren Math. Soc., vol.23, is.1, pp.11-14, 2008 (Refereed Journals of Other Institutions)
- XXVII. **ommon Fixed Points Of Compatible Mappings Of Type I and II in Fuzzy Metric Spaces**  
TÜRKOĞLU A. D. , ALTUN İ., YJ C.  
J. Fuzzy Math., vol.15, is.2, pp.435-448, 2007 (Refereed Journals of Other Institutions)
- XXVIII. **Common Fixed Point Theorems In Intuitionistic Fuzzy Metric Spaces**  
TÜRKOĞLU A. D. , ALACA C.  
J. Appl. Math. Comput., vol.22, pp.411-424, 2006 (Refereed Journals of Other Institutions)
- XXIX. **Common Fixed Points Of Compatible Maps Of Type On Fuzzy Metric Spaces**  
KÜTÜKCÜ S., TÜRKOĞLU A. D. , YILDIZ C.  
Commun. Korean Math. Soc, vol.21, is.1, pp.89-100, 2006 (Refereed Journals of Other Institutions)

## **Refereed Congress / Symposium Publications in Proceedings**

- I. **Common Fixed Point Results For General Contractive Inequality of Integral Type on GMMS**  
MANAV N., TÜRKOĞLU A. D. , Abdeljawad T.  
4th INTERNATIONAL CONFERENCE OF MATHEMATICAL SCIENCES SICMS 2020, İstanbul, Turkey, 17 - 21 June 2020
- II. **Some Ciri ' c type periodic point results with Q-function on 'quasi metric spaces**  
ŞAHİN H., TÜRKOĞLU A. D.  
4th INTERNATIONAL CONFERENCE OF MATHEMATICAL SCIENCES SICMS 2020, İstanbul, Turkey, 17 - 21 June 2020
- III. **Fixed point theorems on ortogonal metric spaces via altering distance functions**  
BİLGİLİ GÜNGÖR N., TÜRKOĞLU A. D.  
3. international conference of mathematical sciences, 4 - 08 September 2019
- IV. **common fixed point results on Modular F-metric spaces**  
BİLGİLİ GÜNGÖR N., TÜRKOĞLU A. D.  
3. international conference of mathematical sciences, 4 - 08 September 2019
- V. **Preface to "Fixed point theory"**  
TÜRKOĞLU A. D. , ŞAHİN H.  
3. international conference of mathematical sciences, 4 - 08 September 2019
- VI. **integral type contractions in partial metric spaces**

- ÖZTÜRK V., TÜRKOĞLU A. D.  
2. international conference of mathematical sciences, 31 July - 06 August 2018
- VII. **Some fixed point results in modular spaces**  
SANGURLU SEZEN M., TÜRKOĞLU A. D.  
International Conference on Mathematics and Mathematics Education, Ordu, Turkey, 27 - 29 June 2018
- VIII. **Some fixed point results for caristi type mappings in modular metric spaces**  
KILINÇ E., TÜRKOĞLU A. D.  
International workshop on mathematical methods in Engineering, 27 - 29 April 2017
- IX. **Some fixed point theorems on partial metric and M- metric spaces**  
SOLAK O., TÜRKOĞLU A. D.  
International conference on mathematics and mathematics education (ICMME-2017), 11 - 13 May 2017
- X. **A New Generalization of M-Metric space and Fengli-Liu type fixed point theorems For Multivalued mappings**  
ŞAHİN H., ALTUN İ., TÜRKOĞLU A. D.  
International workshop on mathematical methods in Engineering, 27 - 29 April 2017
- XI. **A new Generalization of Feng-Liu type on Mb- metric spaces**  
ŞAHİN H., ALTUN İ., TÜRKOĞLU A. D.  
The International society for analysis its applications and computation (ISAAC), 14 - 18 August 2017
- XII. **some contractions and fixed point theorems in modular metric spaces**  
TÜRKOĞLU A. D. , MANAV N.  
2. international conference on analysis and its applications, 12 - 15 July 2016
- XIII. **Fixed point theorems for mappings EA property in partial metric space**  
ÖZTÜRK V., TÜRKOĞLU A. D.  
2. international conference on analysis and its applications, 12 - 15 July 2016
- XIV. **Some coupled fixed point theorems in partially ordered 2-metric spaces**  
SANGURLU SEZEN M., TÜRKOĞLU A. D.  
3. International Eurasian Conference on Mathematical Sciences and Applications, Viyana, Austria, 25 - 28 August 2014
- XV. **Fixed point theorems for fuzzy ( $\psi$ )- contractive mappings in fuzzy metric spaces**  
SANGURLU SEZEN M., TÜRKOĞLU A. D.  
International Conference on Anatolian Communications in Nonlinear Analysis, Bolu, Turkey, 03 July 2013
- XVI. **Kısmi sıralı metrik uzaylarda bazı çift sabit nokta teoremleri**  
SANGURLU SEZEN M., TÜRKOĞLU A. D.  
8. Ankara Matematik Günleri, Ankara, Turkey, 13 - 14 June 2013
- XVII. **Coupled fixed point theorems for mixed g-monotone mappings in partially ordered metric spaces**  
SANGURLU SEZEN M., TÜRKOĞLU A. D.  
International Workshop on Fixed Point Theory and Applications, İstanbul, Turkey, 11 - 13 October 2012
- XVIII. **Coupled fixed point theorems for commutative mappings in partially ordered metric spaces**  
SANGURLU SEZEN M., TÜRKOĞLU A. D.  
International Congress in Honour of Professor H. M. Srivastava, Bursa, Turkey, 23 - 26 August 2012

## Citations

Total Citations (WOS):406

h-index (WOS):9