

Assoc. Prof. RAMAZAN KARATAŞ

Personal Information

Office Phone: [+90 242 310 4624](tel:+902423104624)

Email: rkaratas@akdeniz.edu.tr

Web: <https://avesis.akdeniz.edu.tr/rkaratas>

Address: Akdeniz Üniversitesi Eğitim Fakültesi A Blok No: 376 Konyaaltı Antalya

International Researcher IDs

Publons / Web Of Science ResearcherID: C-1148-2016

Yoksis Researcher ID: 139649

Education Information

Doctorate, Selcuk University, Fen Bilimleri, Matematik, Turkey 2004 - 2007

Postgraduate, Selcuk University, Fen Bilimleri, İlköğretim Matematik, Turkey 2001 - 2004

Undergraduate, Selcuk University, Faculty Of Education, Matematik Öğretmenliği, Turkey 1996 - 2000

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Bazı Fark Denklemlerinin Çözümleri, Periyodikliği ve Salınımlılığı Üzerine Bir Çalışma, Selcuk University, Fen Bilimleri, Matematik, 2007

Postgraduate, Tau Sayıları Üzerine , Selcuk University, Fen Bilimleri, İlköğretim Matematik, 2004

Research Areas

Mathematics, Functional Equations, Natural Sciences

Academic Titles / Tasks

Associate Professor, Akdeniz University, Faculty of Education, İlköğretim, 2017 - Continues

Assistant Professor, Akdeniz University, Faculty of Education, Department of Primary School, 2011 - 2017

Research Assistant PhD, Selcuk University, Faculty Of Education, İlköğretim Bölümü, 2007 - 2011

Research Assistant, Selcuk University, Faculty Of Education, İlköğretim Bölümü, 2000 - 2007

Academic and Administrative Experience

Director of The Institution, Akdeniz University, Institute of Educational Sciences, 2017 - 2021

Akdeniz University, Institute of Educational Sciences, 2016 - 2017

Courses

Öğretmenlik Uygulaması, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015
Danışmanlık, Postgraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015
Diferansiyel Denklemler, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015
Genel Matematik II, Undergraduate, 2016 - 2017, 2015 - 2016
Okul Deneyimi, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015
Analitik Geometri I, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015
Genel Matematik I, Undergraduate, 2016 - 2017, 2015 - 2016
Seminer, Postgraduate, 2015 - 2016, 2014 - 2015
Topluma Hizmet Uygulamaları, Undergraduate, 2014 - 2015
Sayısal Analiz, Undergraduate, 2015 - 2016, 2014 - 2015
Matematik Öğretimi I, Undergraduate, 2014 - 2015
Danışmanlık, Postgraduate, 2014 - 2015

Supervised Theses

KARATAŞ R., Bazı fark denklemlerinin çözümleri, periyodikliğe global asimptotik kararlılığı üzerinr bir çalışma,
Postgraduate, S.Ergin(Student), 2012

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A Generalised Difference Equation and Its Dynamics and Solutions**
KARATAŞ R., Gelişken A., Arı M.
Mathematics, vol.12, no.22, 2024 (SCI-Expanded)
- II. **ON THE DYNAMICS OF A RECURSIVE SEQUENCE**
Ergin S., KARATAŞ R.
ARS COMBINATORIA, vol.109, pp.353-360, 2013 (SCI-Expanded)
- III. **QUALITATIVE BEHAVIOR OF A RATIONAL DIFFERENCE EQUATION**
Karatat R., Gelisken A.
ARS COMBINATORIA, vol.100, pp.321-326, 2011 (SCI-Expanded)
- IV. **GLOBAL BEHAVIOR OF A RATIONAL RECURSIVE SEQUENCE**
Karatat R.
ARS COMBINATORIA, vol.97A, pp.421-428, 2010 (SCI-Expanded)
- V. **GLOBAL BEHAVIOR OF A HIGHER ORDER DIFFERENCE EQUATION**
Karatat R.
ARS COMBINATORIA, vol.96, pp.145-160, 2010 (SCI-Expanded)
- VI. **A note on the periodicity of the Lyness max equation**
Gelisken A., Cinar C., Karatat R.
ADVANCES IN DIFFERENCE EQUATIONS, vol.2008, 2008 (SCI-Expanded)

Articles Published in Other Journals

- I. **Global behavior of a higher order difference equation**
KARATAŞ R.
International Journal of Contemporary Mathematical Sciences, no.12, pp.133-138, 2017 (Peer-Reviewed Journal)

- II. **On the Solutions of the Recursive Sequence $x_{n+1} = ax_{n-k}/a=\sum_{i=0}^k x_{n-i}$**
Ergin S., KARATAŞ R.
THAI JOURNAL OF MATHEMATICS, vol.14, no.2, pp.391-397, 2016 (ESCI)
- III. **On the solutions of the recursive sequence $x(n+1)=ax(nk)/[a-x(n)x(n-1)...x(n-k)]$**
KARATAŞ R., Ergin S.
THAI JOURNAL OF MATHEMATICS, vol.14, no.2, pp.391-397, 2016 (Scopus)
- IV. **On the solutions of the recursive sequence $X(n+1)=ax[n-(2k+1)]/[-a+x(n-2k-1)]$**
KARATAŞ R.
Fasciculi Mathematici, vol.45, pp.37-45, 2010 (Peer-Reviewed Journal)
- V. **On solutions of the difference equation $x(n+1)=X(n-3)/[-1+x(n)x(n-1)x(n-2)x(n-3)]$**
CINAR C., KARATAŞ R., yalçinkaya İ.
Mathematica Bohemica, vol.132, no.3, pp.257-261, 2007 (ESCI)
- VI. **On the solutions of the difference equation $X(n+1)=(-1)^n x(n-4)/[1+(-1)^n x(n)x(n-1)x(n-2)x(n-3)x(n-4)]$**
KARATAŞ R.
SELÇUK JOURNAL OF APPLIED MATHEMATICS, vol.8, no.1, pp.51-56, 2007 (Peer-Reviewed Journal)
- VII. **On the solutions of the difference equation $x(n+1)=ax[n-(2k+2)]/[-a+x(n)...x(n-2k-2)]$**
KARATAŞ R., CINAR C.
Int. J.Contemp. Math. Sciences, vol.2, no.31, pp.1505-1509, 2007 (Peer-Reviewed Journal)
- VIII. **On the recursive sequence $X(n+1)=X(n-5)/[1+x(n-2)]$**
Şimşek D., Çinar C., KARATAŞ R., yalçinkaya İ.
Int. Journal of Pure and Applied Math, vol.27, no.4, pp.501-507, 2006 (Peer-Reviewed Journal)
- IX. **On the recursive sequence $X(n+1)=x(n-5)/[1+x(n-1)x(n-3)]$**
Şimşek D., Çinar C., KARATAŞ R.
Int. Journal of Pure and Applied Math, vol.28, no.1, pp.117-124, 2006 (Peer-Reviewed Journal)
- X. **On positive solutions of the difference equation $X(n+1)=X(n-5)/[1+x(n-1)x(n-5)]$**
KARATAŞ R., Çinar C., Şimşek D.
Int. J.Contemp. Math. Sciences, vol.1, no.10, pp.495-500, 2006 (Peer-Reviewed Journal)
- XI. **İlköğretim 5. ve 6. Sınıf Öğrencilerinin Çarpma İşlemine Yaklaşımları ve Bu Konudaki Olası Kavram Yanılgıları**
KARATAŞ R., yalçinkaya İ., Ertekin E.
S. Ü. Eğitim Fakültesi Dergisi, vol.19, pp.339-348, 2005 (Peer-Reviewed Journal)
- XII. **Tau Sayıları ve Özellikleri**
KARATAŞ R., Cihangir A.
S. Ü. Eğitim Fakültesi Dergisi, vol.20, pp.1-9, 2005 (Peer-Reviewed Journal)
- XIII. **On the solutions of the difference equation $X(n+1)=1-[x(n)/1-x(n-1)]$**
Çinar C., yalçinkaya İ., KARATAŞ R.
Journal of Institute of Mathematics & Computer Sciences, vol.18, no.2, pp.111-112, 2005 (Peer-Reviewed Journal)
- XIV. **On the positive solutions of the difference equation system $x(n+1)=m/y(n)$, $y(n+1)=py(n)/x(n-1)y(n-1)$**
yalçinkaya İ., Çinar C., KARATAŞ R.
Journal of Institute of Mathematics & Computer Sciences, vol.18, no.2, pp.135-136, 2005 (Peer-Reviewed Journal)
- XV. **İlköğretim 5. Sınıf Öğrencilerinin Kesirlerde Çarpma İşlemine Yaklaşımları ve Bu Konuda Yaptıkları Kavram Yanılgıları**
yalçinkaya İ., Ertekin E., KARATAŞ R.
S. Ü. Eğitim Fakültesi Dergisi, vol.18, pp.485-495, 2004 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **$X(n+1)=\cos(n\pi)x(n-2)/[1+\cos(n\pi)x(n)x(n-1)x(n-2)]$ rasyonel fark denkleminin çözümleri**

üzerine

KARATAŞ R., Çinar C., Şimşek D., yalçinkaya İ.

XIX. Ulusal Matematik Sempozyumu, Kütahya, Turkey, 15 - 18 August 2006, pp.111

II. $X(n+1)=x(n-9)/ [1+x(n-1)x(n-3)x(n-5)x(n-7)]$ Fark Denkleminin Çözümü

Şimşek D., Çinar C., yalçinkaya İ., KARATAŞ R.

XIX. Ulusal Matematik Sempozyumu, Kütahya, Turkey, 15 - 18 August 2006, pp.222

Metrics

Publication: 23

Citation (WoS): 19

Citation (Scopus): 24

H-Index (WoS): 3

H-Index (Scopus): 3