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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAE-2600-2019

ScopusID: 23026643900

Yoksis Researcher ID: 52217

Education Information

Doctorate, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, Matematik Bölümü, Turkey 1989 - 1995

Postgraduate, Anadolu University, Faculty Of Science, Department Of Mathematics, Turkey 1986 - 1989

Undergraduate, Anadolu University, Faculty Of Science, Department Of Mathematics, Turkey 1982 - 1986

Research Areas

Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Professor, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, MATEMATİK, 2014 - Continues

Associate Professor, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, MATEMATİK, 2009 - 2014

Assistant Professor, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, MATEMATİK, 1997 - 2009

Lecturer PhD, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, MATEMATİK, 1995 - 1997

Research Assistant, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, MATEMATİK, 1986 - 1995

Academic and Administrative Experience

Head of Department, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, MATEMATİK, 2018 - Continues

Head of Department, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, Matematik Bölümü, 2019 - 2022

Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, Matematik Bölümü, 2017 - 2017

Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, Matematik Bölümü, 2009 - 2012

Courses

Doctorate

Doktora Uzmanlık Alan Dersi IV, Doctorate, 2024 - 2025, 2023 - 2024

Doktora Uzmanlık Alan Dersi VI, Doctorate, 2022 - 2023

Tez Danışmanlığı IV, Doctorate, 2021 - 2022

Tez Danışmanlığı IV, Doctorate, 2021 - 2022

Geometriye Vektörel Yaklaşım Metotları, Doctorate, 2021 - 2022

Postgraduate

MAT5193-BÇ Yüksek Lisans Tez Danışmanlığı III, Postgraduate, 2024 - 2025, 2023 - 2024

Tez Danışmanlığı IV, Postgraduate, 2023 - 2024, 2021 - 2022

Real projective geometry, Postgraduate, 2023 - 2024

Yüksek Lisans Uzmanlık Alan Dersi IV, Postgraduate, 2021 - 2022

Undergraduate

Introduction to Axiomatic Geometry, Undergraduate, 2024 - 2025, 2022 - 2023

Matematik Tarihi, Undergraduate, 2023 - 2024, 2021 - 2022

Algorithm Development, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023

MAT4111Bitirme Çalışması, Undergraduate, 2024 - 2025

Öğretmenlik Uygulaması, Undergraduate, 2024 - 2025, 2023 - 2024

ABSTRACT MATHEMATICS-II, Undergraduate, 2022 - 2023

Matematiksel Programlama, Undergraduate, 2022 - 2023, 2021 - 2022

Soyut Matematik II, Undergraduate, 2022 - 2023, 2021 - 2022

Abstract Mathematics-I, Undergraduate, 2022 - 2023

Supervised Theses

Çelik B., Osmanlı döneminde geometri öğretimi üzerine, Postgraduate, H.AL(Student), 2023

ÇELİK B., Some hyperbolic plane models and hyperbolic klingenber plane classe, Postgraduate, B.Doğan(Student), 2019

ÇELİK B., On finite Klingenberg planes, Postgraduate, E.Demirci(Student), 2019

ÇELİK B., On plane classes coordinated with some local rings, Doctorate, A.Dayioğlu(Student), 2018

ÇELİK B., Some mathematical designs classes, Postgraduate, E.SELMANAJ(Student), 2016

ÇELİK B., On the coordinatizations of projective structures, Postgraduate, F.ÖZEN(Student), 2009

ÇELİK B., On the mathematical desing theory, Postgraduate, A.Demirtola(Student), 2000

ÇELİK B., Matematiksel dizayn teorisi üzerine, Postgraduate, A.DEMİRTOLA(Student), 2000

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **On the hyperbolic Klingenberg plane classes constructed by deleting subplanes**
ÇELİK B.
JOURNAL OF INEQUALITIES AND APPLICATIONS, 2013 (SCI-Expanded)
- II. **On addition and multiplication of points in a certain class of projective Klingenberg planes**
ÇELİK B., Erdogan F.
JOURNAL OF INEQUALITIES AND APPLICATIONS, 2013 (SCI-Expanded)
- III. **The collineations which act as addition and multiplication on points in a certain class of projective Klingenberg planes**
ÇELİK B., DAYIOĞLU A.
JOURNAL OF INEQUALITIES AND APPLICATIONS, 2013 (SCI-Expanded)
- IV. **CROSS-RATIOS OF POINTS AND LINES IN SOME MOUFANG-KLINGENBERG PLANES**
AKPINAR A., ÇELİK B., Ciftci S.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.40, no.1, pp.1-13, 2011 (SCI-Expanded)
- V. **On harmonicity in some Moufang-Klingenber planes**
ÇELİK B., AKPINAR A., Ciftci S.
TURKISH JOURNAL OF MATHEMATICS, vol.34, no.2, pp.249-260, 2010 (SCI-Expanded)

- VI. **Cross-ratios and 6-figures in some Moufang-Klingenberg planes**
 AKPINAR A., ÇELİK B., Ciftci S.
 BULLETIN OF THE BELGIAN MATHEMATICAL SOCIETY-SIMON STEVIN, vol.15, no.1, pp.49-64, 2008 (SCI-Expanded)
- VII. **4-Transitivity and 6-figures in some Moufang-Klingenberg planes**
 ÇELİK B., AKPINAR A., Ciftci S.
 MONATSHEFTE FÜR MATHEMATIK, vol.152, no.4, pp.283-294, 2007 (SCI-Expanded)

Articles Published in Other Journals

- I. **4-Transitivity and 6-figures in finite klingenberg planes of parameters (p2k-1, p)**
 AKPINAR A., ÇELİK B., Ciftci S.
 International Journal of Computational and Mathematical Sciences, vol.4, no.1, pp.48-51, 2010 (Scopus)
- II. **On cross-ratio in some Moufang-Klingenberg planes**
 Akpınar A., Celik B.
 World Academy of Science, Engineering and Technology, vol.68, pp.10-14, 2010 (Scopus)
- III. **4-transitivity and 6-figures in finite klingenberg planes of parameters (p 2k-1, p)**
 AKPINAR A., ÇELİK B., Ciftci S.
 World Academy of Science, Engineering and Technology, vol.67, pp.329-332, 2010 (Scopus)
- IV. **Two new collineations of some Moufang-Klingenberg planes**
 AKPINAR A., ÇELİK B.
 World Academy of Science, Engineering and Technology, vol.67, pp.362-365, 2010 (Scopus)
- V. **On cross-ratio in some moufang-klingenberg planes**
 AKPINAR A., ÇELİK B.
 International Journal of Computational and Mathematical Sciences, vol.4, no.6, pp.304-308, 2010 (Scopus)
- VI. **Two new collineations of some Moufang-Klingenberg planes**
 AKPINAR A., ÇELİK B.
 International Journal of Computational and Mathematical Sciences, vol.4, no.2, pp.81-84, 2010 (Scopus)
- VII. **On 6-figures in finite Klingenberg planes of parameters (p2k-1, p)**
 Akpınar A., Çelik B., Ciftci S.
 World Academy of Science, Engineering and Technology, vol.35, pp.530-534, 2009 (Scopus)
- VIII. **Some collineations preserving cross-ratio in some Moufang-Klingenberg planes**
 Ciftci S., AKPINAR A., ÇELİK B.
 World Academy of Science, Engineering and Technology, vol.35, pp.991-996, 2009 (Scopus)
- IX. **Some Collineations of a Certain Class of Moufang Klingenberg Planes**
 ÇELİK B., ÇİFTÇİ S., AKPINAR A.
 JOURNAL OF GEOMETRY, vol.86, pp.184-185, 2006 (Scopus)

Books

- I. **Soyut Matematik**
 Çelik B.
 Dora, Bursa, 2022
- II. **Soyut Matematik**
 ÇELİK B.
 Dora, Bursa, 2018
- III. **Sayılar**
 ÇELİK B., EZENTAŞ R., BOZYOKUŞ H., ÖZDEN H., ÇELİK N.
 in: Mesleki Matematik, BASRİ ÇELİK, Editor, Dora, Bursa, pp.36-91, 2016

- IV. **Birinci ve İkinci Derece Eşitsizlikler**
ÇELİK B., CANGÜL İ. N., ÇELİK N., BİZİM O., ÖZTÜRK M.
in: Temel Matematik, ÇELİK BASRİ, Editor, Dora Yayıncılık, Bursa, pp.175-189, 2016
- V. **Matrisler, Determinantlar ve Lineer Denklem Sistemleri**
BOZYOKUŞ H., ÇELİK B., ÇELİK N., EZENTAŞ R., ÖZDEN AYNA H.
in: MESLEKİ MATEMATİK, Basri ÇELİK, Editor, Dora, Bursa, pp.273-316, 2016
- VI. **Türev**
ÇELİK B., CANGÜL İ. N., ÇELİK N., BİZİM O., ÖZTÜRK M.
in: Temel Matematik, ÇELİK BASRİ, Editor, Dora Yayıncılık, Bursa, pp.375-426, 2016
- VII. **Konikler**
ÇELİK B., CANGÜL İ. N., ÇELİK N., BİZİM O., ÖZTÜRK M.
in: Temel Matematik, ÇELİK BASRİ, Editor, Dora Yayıncılık, Bursa, pp.211-244, 2016
- VIII. **Diferensiyel Denklemler**
ÇELİK B., CANGÜL İ. N., ÇELİK N., BİZİM O.
in: Temel Matematik, Basri ÇELİK, Editor, Dora, Bursa, pp.559-592, 2016
- IX. **Ön Bilgiler**
BOZYOKUŞ H., ÇELİK B., ÇELİK N., EZENTAŞ R., ÖZDEN H.
in: Mesleki Matematik, BASRİ ÇELİK, Editor, Dora Yayıncılık, Bursa, pp.1-34, 2016
- X. **Temel İstatistik Kavramları**
ÇELİK B., CANGÜL İ. N., ÇELİK N., BİZİM O., ÖZTÜRK M.
in: Temel Matematik, ÇELİK BASRİ, Editor, Dora Yayıncılık, Bursa, pp.593-682, 2016
- XI. **Temel Geometrik Kavramlar**
BOZYOKUŞ H., ÇELİK B., ÇELİK N., EZENTAŞ R., ÖZDEN H.
in: Mesleki Matematik, Çelik, Basri, Editor, Dora Yayıncılık, Bursa, pp.183-271, 2016
- XII. **Basit Denklem ve Eşitsizlik Sistemleri**
BOZYOKUŞ H., ÇELİK B., ÇELİK N., EZENTAŞ R., ÖZDEN H.
in: Mesleki Matematik, Basri ÇELİK, Editor, Dora, Bursa, pp.164-180, 2016
- XIII. **EŞİTSİZLİKLER**
BOZYOKUŞ H., ÇELİK B., ÇELİK N., EZENTAŞ R., ÖZDEN AYNA H.
in: Mesleki Matematik, ÇELİK BASRİ, Editor, Dora, pp.126-146, 2016
- XIV. **Denklemler**
BOZYOKUŞ H., ÇELİK B., ÇELİK N., EZENTAŞ R., ÖZDEN H.
in: Mesleki Matematik, Basri Çelik, Editor, Dora, Bursa, pp.92-137, 2016
- XV. **Türevin Uygulamaları**
ÇELİK B., CANGÜL İ. N., ÇELİK N., BİZİM O.
in: Temel Matematik, Basri ÇELİK, Editor, Dora, Bursa, pp.427-628, 2016
- XVI. **SOYUT MATEMATİK**
ÇELİK B.
DORA YAYINCILIK LTD. ŞTİ., Bursa, 2015
- XVII. **Maple ve Maple ile Matematik**
ÇELİK B.
Dora, Bursa, 2014

Papers Published in Refereed Scientific Meetings

- I. **Bilim Dili ve Türkçe**
ÇELİK B.
VI. Uluslararası Türk Dünyası Araştırmaları Sempozyumu, Baku, Azerbaycan, 11 - 13 June 2019, vol.3, pp.25-30
- II. **On Graphs Obtained From Projective Planes**
ÖZEN ERDOĞAN F., DAYIOĞLU A., AKPINAR A., ÇELİK B.

16. International Geometry Symposium, Manisa, Turkey, 4 - 07 July 2018

- III. **Corresponding Graphs of Affine Planes**
DAYIOĞLU A., ÖZEN ERDOĞAN F., AKPINAR A., ÇELİK B.
INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELING, 2018, İstanbul, Turkey,
20 - 24 June 2018
- IV. **On the Relation between Addition of Collinear Points and Collineations in $PK_2(Q(\epsilon))$**
DAYIOĞLU A., ÇELİK B.
International Conference on Numerical Analysis and Applied Mathematics (ICNAAM), Rhodes, Greece, 19 - 25
September 2016, vol.1863
- V. **On the Addition of Collinear Points in Some PK-Planes**
DAYIOĞLU A., ÇELİK B.
International Congress in Honour of Professor Ravi P. Agarwal, 23 - 26 June 2014
- VI. **The Collineations which Acts as Addition and Multiplication on Points in a Certain Class of Projective
Klingenberg Planes**
ÇELİK B., DAYIOĞLU A.
International Congress in Honour of Professor Hari M. Srivastava, 23 - 26 August 2012
- VII. **On Some Geometric Structures and Local Rings**
Erdogan F., ÇELİK B., Ciftci S.
International Conference on Numerical Analysis and Applied Mathematics (ICNAAM), Halkidiki, Greece, 19 - 25
September 2011, vol.1389
- VIII. **Projective Klingenberg Planes Constructed with Dual Local Rings**
DAYIOĞLU A., ÇELİK B.
International Conference on Numerical Analysis and Applied Mathematics (ICNAAM), Halkidiki, Greece, 19 - 25
September 2011, vol.1389
- IX. **Klingenberg ve Moufang Klingenberg Düzlemlerinde Koordinatlama**
ÇİFTÇİ S., ÇELİK B., ÖZEN ERDOĞAN F., AKPINAR A.
VII. Geometri Sempozyumu, Kırşehir, Turkey, 7 - 10 July 2009, pp.24
- X. **On The Certain Class of Moufang Klingenberg Planes**
ÇİFTÇİ S., ÇELİK B., AKPINAR A.
VI. National Geometry Symposium, Bursa, Turkey, 1 - 04 July 2008, pp.38
- XI. **$M(A)$ Moufang Klingenberg Düzlemlerinde Çifte Oran**
AKPINAR A., ÇİFTÇİ S., ÇELİK B.
V. Geometri Sempozyumu, Sakarya, Turkey, 4 - 07 July 2007, pp.6
- XII. **4-Transitivity in the Certain Class of Moufang Klingenberg Planes**
ÇELİK B., ÇİFTÇİ S., AKPINAR A.
IV. International Geometry Symposium, Zonguldak, Turkey, 17 - 21 July 2006, pp.24

Metrics

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