

Prof. MEHMET AKBAŞ

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAN-6111-2021

ScopusID: 7004181149

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Education Information

Doctorate, Southampton Institute, Mathematics, England 1985 - 1989

Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Turkey 1981 - 1983

Undergraduate, Karadeniz Technical University, Fen Fakültesi, Matematik, Turkey 1977 - 1981

Research Areas

Real Functions, Global Analysis, Analysis on Manifolds, Group Theory and Generalizations, Combinatorics, Number Theory

Academic Titles / Tasks

Professor, Karadeniz Technical University, Fen Fakültesi, Matematik, 2002 - Continues

Associate Professor, Karadeniz Technical University, Fen Fakültesi, Matematik, 1996 - 2002

Assistant Professor, Karadeniz Technical University, Fen Fakültesi, Matematik, 1990 - 1996

Academic and Administrative Experience

Dean, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, 2004 - 2007

Vice Dean, Karadeniz Technical University, Fen Fakültesi, 1999 - 2002

Advising Theses

Akbaş M., Signature and congruence equations, Doctorate, H.Şengül(Student), 2021

Akbaş M., The normalizers of γ^2 , γ^3 and Hecke groups and graphs, Doctorate, Z.Şanlı(Student), 2019

Akbaş M., The graphs of congruence subgroups, Doctorate, S.Öztürk(Student), 2017

Akbaş M., Thesis, Postgraduate, T.Tunç(Student), 2013

Akbaş M., One type modular graph and fibonacci numbers, Doctorate, T.Kör(Student), 2012

Akbaş M., Thesis, Postgraduate, Z.Akdemirci(Student), 2012

Akbaş M., Thesis, Postgraduate, Z.Aydın(Student), 2012

Akbaş M., Curves of minimal length with q vertex on suborbital graphs of the group $\Gamma_0(n)$, Doctorate,

A.Hikmet(Student), 2011

Akbaş M., Suborbital graphs of Hecke groups Γ_3 and Γ_5 , Doctorate, Y.Kesicioğlu(Student), 2011

Akbaş M., Signature cycles and graphs, Doctorate, M.Beşenk(Student), 2009

Akbaş M., Signatures of the nec groups and graphs, Doctorate, S.Kader(Student), 2008

Akbaş M., $\Gamma_0(N)$ kongrüans alt grubunun $\text{PSL}_2(\mathbb{R})$ 'deki normalliyenin alt yörüngesel grafları, Doctorate, B.Özgür(Student), 2006

Akbaş M., The congruence subgroups of Hecke group H_5 and the normalizer of $H_5 \cap \Gamma_0(2)$ in H_5 , Doctorate, S.Uzun(Student), 2003

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **On Suborbital Graphs for Some Subgroups of the Normalizer of $\Gamma_0(N)$**
UZUN S., Sanli Z., AKBAŞ M.
BULLETIN OF THE IRANIAN MATHEMATICAL SOCIETY, vol.47, no.1, pp.157-169, 2021 (SCI-Expanded)
- II. **On Suborbital Graphs for the Group Γ_3**
Kesicioglu Y., AKBAŞ M.
BULLETIN OF THE IRANIAN MATHEMATICAL SOCIETY, vol.46, no.6, pp.1731-1744, 2020 (SCI-Expanded)
- III. **Connectedness of a suborbital graph for congruence subgroups**
Kesicioglu Y., AKBAŞ M., Besenk M.
JOURNAL OF INEQUALITIES AND APPLICATIONS, 2013 (SCI-Expanded)
- IV. **Disconnectedness of the subgraph F_3 for the group Γ_3**
AKBAŞ M., Kor T., KESICIOGLU Y.
JOURNAL OF INEQUALITIES AND APPLICATIONS, 2013 (SCI-Expanded)
- V. **On suborbital graphs for the modular group**
Akbas M.
BULLETIN OF THE LONDON MATHEMATICAL SOCIETY, pp.647-652, 2001 (SCI-Expanded)
- VI. **THE NORMALIZER OF $\Gamma_0(N)$ IN $\text{PSL}_2(\mathbb{R})$**
AKBAS M., SINGERMAN D.
GLASGOW MATHEMATICAL JOURNAL, vol.32, pp.317-327, 1990 (SCI-Expanded)

Articles Published in Other Journals

- I. **Suborbital graphs for the normalizer of $\Gamma_0(N)$**
Akbaş M.
TURKISH JOURNAL OF MATHEMATICS, vol.3, no.20, pp.379-387, 1996 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **Disconnectedness of the Subgraph F_3 for the Group Γ_3**
AKBAŞ M., KÖROĞLU T., Kesicioğlu Y.
International Congress in Honour of Professor H. M. Srivastava, Bursa, Turkey, 23 - 26 August 2012, pp.91
- II. **SYMMETRIES OF MODULAR SURFACES**
AKBAS M., SINGERMAN D.
CONF ON DISCRETE GROUPS AND GEOMETRY, Birmingham, England, 01 January 1991, pp.1-9

Supported Projects

AKBAŞ M., Project Supported by Higher Education Institutions, Minimal Uzunluklu Hiperbolik Devreler, 2009 - 2012

AKBAŞ M., Project Supported by Higher Education Institutions, Simge Devirleri Ve Graflar, 2009 - 2011

Metrics

Publication: 9

Citation (WoS): 39

Citation (Scopus): 94

H-Index (WoS): 3

H-Index (Scopus): 5

Non Academic Experience

KARADENİZ TEKNİK ÜNİVERSİTESİ