

# Prof. MUSTAFA KEMAL BERKTAŞ

## Personal Information

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## Education Information

Doctorate, Afyon Kocatepe University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), Turkey 2004 - 2010

Postgraduate, Afyon Kocatepe University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), Turkey 2002 - 2004

Undergraduate, Dokuz Eylul University, Buca Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, Turkey 1997 - 2001

## Dissertations

Doctorate, Sonlu ulaşılabilir kategorilerde pür injektiflik, Afyon Kocatepe University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), 2010

Postgraduate, Torsiyon sınıflarında latisinde komplement ve pseudokomplementler, Afyon Kocatepe University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), 2004

## Academic Titles / Tasks

Professor, Usak University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2021 - Continues

Assistant Professor, Usak University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2011 - Continues

Associate Professor, Usak University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2016 - 2021

Lecturer PhD, Usak University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2010 - 2011

Lecturer, Usak University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2006 - 2010

Lecturer, Afyon Kocatepe University, Uşak Fen-Edebiyat Fakültesi, Matematik Pr., 2004 - 2006

Research Assistant, Afyon Kocatepe University, Uşak Fen-Edebiyat Fakültesi, Matematik Pr., 2001 - 2004

## Academic and Administrative Experience

Usak University, 2022 - Continues

Usak University, 2011 - Continues

Usak University, 2017 - 2018

## Courses

Halka Teori II, Doctorate, 2020 - 2021

Soyut Matematik I, Undergraduate, 2020 - 2021, 2018 - 2019, 2012 - 2013, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008

Soyut Matematik II, Undergraduate, 2020 - 2021, 2012 - 2013, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008

Soyut Cebir I, Undergraduate, 2018 - 2019, 2017 - 2018, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 -

2011, 2009 - 2010, 2008 - 2009, 2007 - 2008

Halkalar ve Modül Kategorileri I, Postgraduate, 2018 - 2019, 2014 - 2015

Matematik I, Undergraduate, 2018 - 2019

Cebir I, Postgraduate, 2018 - 2019, 2017 - 2018, 2014 - 2015, 2010 - 2011

Soyut Cebir II, Undergraduate, 2017 - 2018, 2014 - 2015

Cebir II, Postgraduate, 2017 - 2018, 2014 - 2015, 2010 - 2011

HALKA VE MODÜLLER I, Undergraduate, 2014 - 2015

HALKA VE MODÜLLER II, Undergraduate, 2014 - 2015

HOMOLOJİ CEBİRİ I, Postgraduate, 2014 - 2015

MATRİS TEORİSİ II, Undergraduate, 2014 - 2015

MATRİS TEORİSİ I, Undergraduate, 2014 - 2015

HOMOLOJİ CEBİRİ II, Postgraduate, 2014 - 2015

KATEGORİ II, Undergraduate, 2014 - 2015

Soyut Cebir II, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008

Matematik, Undergraduate, 2013 - 2014

Soyut Matematik I, Undergraduate, 2005 - 2006

Soyut Matematik II, Undergraduate, 2005 - 2006

Soyut Cebir I, Undergraduate, 2005 - 2006

Soyut Cebir II, Undergraduate, 2005 - 2006

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Pure Goldie Dimensions for Exactly Definable Categories**  
BERKTAŞ M. K.  
Bulletin of the Iranian Mathematical Society, vol.48, no.1, pp.187-192, 2022 (SCI-Expanded)
- II. **Uniqueness of uniform decompositions in exact categories**  
BERKTAŞ M. K., Crivei S., Kaynarca F., KESKİN TÜTÜNCÜ D.  
Journal of Pure and Applied Algebra, vol.225, no.6, 2021 (SCI-Expanded)
- III. **On pure Goldie dimensions**  
BERKTAŞ M. K.  
Communications in Algebra, vol.45, no.8, pp.3334-3339, 2017 (SCI-Expanded)
- IV. **On complete pure-injectivity in locally finitely presented categories**  
BERKTAŞ M. K., Crivei S.  
Bulletin Mathematique de la Societe des Sciences Mathematiques de Roumanie, vol.59, no.4, pp.331-337, 2016 (SCI-Expanded)
- V. **On Objects with a Semilocal Endomorphism Rings in Finitely Accessible Additive Categories**  
BERKTAŞ M. K.  
Algebras and Representation Theory, vol.18, no.5, pp.1389-1393, 2015 (SCI-Expanded)
- VI. **A uniqueness theorem in a finitely accessible additive category**  
BERKTAŞ M. K.  
Algebras and Representation Theory, vol.17, no.3, pp.1009-1012, 2014 (SCI-Expanded)

## Articles Published in Other Journals

- I. **The Schroder-Bernstein Problem for Objects in Grothendieck Categories**  
BERKTAŞ M. K., Keskin Tütüncü D.  
Asia Matematika, vol.6, no.2, pp.56-60, 2022 (Peer-Reviewed Journal)
- II. **Pure Extending Objects**

BERKTAŞ M. K.

Konuralp Journal of Mathematics, vol.9, no.1, pp.100-101, 2021 (Peer-Reviewed Journal)

III. **On pseudo pure-injective objects**

BERKTAŞ M. K.

Communications Faculty of Sciences University of Ankara Series A2-A3: Physical Sciences and Engineering, vol.70, no.1, pp.265-268, 2021 (Peer-Reviewed Journal)

IV. **PURE CLOSED SUBOBJECTS AND PURE QUOTIENT GOLDIE DIMENSION**

BERKTAŞ M. K., DOĞRUÖZ S., Tarhan A.

JP JOURNAL OF ALGEBRA, NUMBER THEORY AND APPLICATIONS, vol.41, no.1, pp.49-57, 2019 (Peer-Reviewed Journal)

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

I. **The Pelczynski Decomposition Method for Finitely Accessible Categories**

BERKTAŞ M. K., SEYYİDOĞLU M. S.

2. Uluslararası Matematik ve Geometri Kongresi, 20 May 2021

II. **The Pelczynski decomposition method for finitely accessible additive categories**

SEYYİDOĞLU M. S., BERKTAŞ M. K.

2nd International Congress on Mathematics and Geomerty, Ankara, Turkey, 20 May 2021

III. **Uniqueness of uniform decompositions in exact categories**

BERKTAŞ M. K., Crivei S., KAYNARCA F., Keskin Tütüncü D.

Additive categories between algebra and functional analysis, Canada, 01 March 2021

IV. **Monic torsion precovers relative to a torsion theory**

BERKTAŞ M. K., DOĞRUÖZ S.

OMTSA 2019, Kütahya, Turkey, 16 - 20 July 2019

V. **On the classical Krull Remak Schmidt theorem**

BERKTAŞ M. K.

Antalya Algebra Days XVII, 20 - 24 May 2015

VI. **Pure injectivity in accessible categories**

BERKTAŞ M. K.

Universitat Bielefeld, Faculty of Mathematics, Collaborative Research Centre 701: Spectral Structures and Topological Methods in Mathematics, Germany, 28 January 2011

## **Metrics**

Publication: 16

Citation (Scopus): 7

H-Index (Scopus): 2

## **Non Academic Experience**

Universidad de Murcia