

# Prof. ALİ ERDOĞAN

## Personal Information

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## Education Information

Doctorate, The University Of Leeds, Faculty Of Science, Mathematics Department, United Kingdom 1988 - 1993

Postgraduate, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Matematik , Turkey 1984 - 1986

Undergraduate, Hacettepe Üniversitesi, Fen Fakültesi, Matematik , Turkey 1980 - 1984

## Foreign Languages

English, C1 Advanced

## Research Areas

Mathematics, Commutative Rings and Algebras, Natural Sciences

## Academic Titles / Tasks

Associate Professor, Hacettepe Üniversitesi, Fen Fakültesi, Matematik Bölümü, 1993 - Continues

## Advising Theses

ERDOĞAN A., Universal modules of differential operators, Doctorate, H.MELİS(Student), 2015

ERDOĞAN A., Yüksek mertebeden diferansiyel operatörler ve evrensel modülleri, Postgraduate, H.MELİS(Student), 2009

ERDOĞAN A., Sonlu üretilmiş cebirlerin evrensel diferensiyel modülleri, Doctorate, N.OLGUN(Student), 2005

ERDOĞAN A., Diferansiyel operatör modülleri, Postgraduate, A.KAYAHAN(Student), 2004

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

- I. **On Betti series of the universal modules of second order derivations of  $k[x(1),x(2), \dots ,x_s]/(f)$**   
ERDOĞAN A., TEKİN AKÇİN H. M.  
TURKISH JOURNAL OF MATHEMATICS, vol.38, no.1, pp.25-28, 2014 (Journal Indexed in SCI)
- II. **RESULTS ON BETTI SERIES OF THE UNIVERSAL MODULES OF SECOND ORDER DERIVATIONS**  
Erdogan A.  
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.40, no.3, pp.449-452, 2011 (Journal Indexed in SCI)
- III. **Preliminary study on feeding ecology and heavy metal accumulation of White-spectacled Bulbul (*Pycnonotus xanthopygos*), Antalya - Turkey**  
Aslan A., Yavuz M., Kaska Y., Erdogan A., Kiziroglu I.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.15, pp.1174-1181, 2006 (Journal Indexed in SCI)
- IV. **Linear growth of primary decompositions of modules and integral closures**

CIMEN N., Erdogan A., TIRAS Y.

COMMUNICATIONS IN ALGEBRA, vol.30, no.9, pp.4605-4611, 2002 (Journal Indexed in SCI)

V. **Projective dimension of the universal modules for the product of a hypersurface and affine T-space**

CIMEN N., Erdogan A.

COMMUNICATIONS IN ALGEBRA, vol.27, no.10, pp.4737-4741, 1999 (Journal Indexed in SCI)

VI. **Homological dimension of the universal modules for hypersurfaces**

Erdogan A.

COMMUNICATIONS IN ALGEBRA, vol.24, no.5, pp.1565-1573, 1996 (Journal Indexed in SCI)

## Supported Projects

TEKİN AKÇİN H. M. , ERDOĞAN A., Project Supported by Higher Education Institutions, n. Mertebeden Diferansiyeller Üzerine Bazı Sonuçlar, 2015 - 2015

## Citations

Total Citations (WOS):10

h-index (WOS):2