

# Prof. Ahmet Göksel AĞARGÜN

## Personal Information

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## International Researcher IDs

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Yoksis Researcher ID: 2801

## Education Information

Doctorate, The University Of Wales, Science, Mathematics, United Kingdom 1989 - 1993

Ondokuz Mayıs University, Faculty Of Arts And Sciences, Matematik, Turkey Continues

Undergraduate, Ondokuz Mayıs University, Faculty Of Education, Matematik Öğretmenliği, Turkey 1980 - 1984

## Research Areas

Natural Sciences

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

- I. **On graded prime and primary submodules**  
Oral K. H., TEKİR Ü., AĞARGÜN A. G.  
TURKISH JOURNAL OF MATHEMATICS, vol.35, no.2, pp.159-167, 2011 (SCI-Expanded)
- II. **A historical survey of the fundamental theorem of arithmetic**  
Agargun A. G., Ozkan E. M.  
HISTORIA MATHEMATICA, vol.28, pp.207-214, 2001 (SCI-Expanded)
- III. **Factorization in commutative rings with zero divisors, III**  
Ağargün A. G., Anderson D., Valdes-Leon S.  
ROCKY MOUNTAIN JOURNAL OF MATHEMATICS, vol.31, no.1, pp.1-21, 2001 (SCI-Expanded)
- IV. **Unique factorization rings with zero divisors**  
Ağargün A. G., Anderson D., Valdes-Leon S.  
COMMUNICATIONS IN ALGEBRA, vol.27, no.4, pp.1967-1974, 1999 (SCI-Expanded)
- V. **Unique factorisation for commutative rings without identity**  
Ağargün A. G., Fletcher C. R.  
Turkish Journal Of Mathematics, vol.21, pp.401-408, 1997 (SCI-Expanded)
- VI. **Euclidean Rings**  
Ağargün A. G., Fletcher C. R.  
Turkish Journal Of Mathematics, vol.19, pp.291-299, 1995 (SCI-Expanded)
- VII. **AL-FARISI AND THE FUNDAMENTAL THEOREM OF ARITHMETIC**  
Ağargün A. G., Fletcher C. R.  
HISTORIA MATHEMATICA, vol.21, no.2, pp.162-173, 1994 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Applications of Fractional Differential Transform Method to Fractional Differential Algebraic Equations**  
ibiş b., BAYRAM M., AĞARGÜN A. G.  
EUROPEAN JOURNAL OF PURE AND APPLIED MATHEMATICS, 2011 (Peer-Reviewed Journal)
- II. **Weakly unique factorization modules**  
Oral H. K., Tekir Ü., Ağargün A. G.  
Tamkang Journal of Mathematics, vol.41, pp.245-252, 2010 (Scopus)
- III. **Fuzzy Euclidean Ideals**  
Ağargün A. G., Ersoy B. A.  
Applied Sciences, vol.8, pp.13-22, 2006 (Peer-Reviewed Journal)
- IV. **Half-factorial property in the ring  $A+XI[X]$  where A is a UFR**  
Alan M., Ağargün A. G.  
International Journal of Mathematics, Game Theory and Algebra, vol.15, pp.133-138, 2006 (Peer-Reviewed Journal)
- V. **some factorization properties in commutative rings**  
ALAN M., AĞARGÜN A. G.  
int. j. pure appl. math, vol.18, pp.349-358, 2005 (Peer-Reviewed Journal)
- VI. **On Euclidean Rings**  
Ağargün A. G.  
Proyecciones Revista de Matematica, vol.16, pp.23-36, 1997 (Peer-Reviewed Journal)
- VII. **The fundamental theorem of arithmetic dissected**  
Ağargün A. G., Ağargün C. R.  
The Math. Gazette, vol.81, pp.53-57, 1997 (Peer-Reviewed Journal)
- VIII. **Nagata's Theorem**  
Ağargün A. G., Fletcher C. R.  
Math. Japonica, vol.43, pp.421-423, 1996 (Peer-Reviewed Journal)

## Books

- I. **soyut cebir**  
AĞARGÜN A. G., ERSOY B. A., ALAN M., ORAL K. H., AYGÖR N.  
birsen, İstanbul, 2015
- II. **Lineer Cebir ve Çözümlü Problemleri**  
Ağargün A. G., Burhazade H.  
birsen, İstanbul, 2000

## Supported Projects

AĞARGÜN A. G., TEKİR Ü., YILDIZ E., ERSOY B. A., Project Supported by Higher Education Institutions, Bir Modülün S-spektrumu Üzerinde Yeni Bir Topoloji İnşası, 2023 - 2023  
AĞARGÜN A. G., Project Supported by Higher Education Institutions, Matematiksel Soyutlamanın Araştırılması, 2010 - 2012

## Metrics

Publication: 17

Citation (WoS): 74

Citation (Scopus): 83

H-Index (WoS): 4

H-Index (Scopus): 5

## **Non Academic Experience**

Yıldız Teknik Üniversitesi, dekan

Yıldız Teknik Üniversitesi, profesör

Yıldız Teknik Üniversitesi, doçent

Yıldız Teknik Üniversitesi, yardımcı doçent