

## Prof. SELMA ALTINOK BHUPAL

### Personal Information

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### Education Information

Doctorate, University of Warwick, Matematik, United Kingdom 1993 - 1999

Postgraduate, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Mathematics, Turkey 1988 - 1991

Undergraduate, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Mathematics, Turkey 1983 - 1988

### Foreign Languages

English, C1 Advanced

### Research Areas

Natural Sciences

### Academic Titles / Tasks

Professor, Hacettepe University, Fen Fakültesi, Matematik Bölümü, 2021 - Continues

### Academic and Administrative Experience

Anabilim Dalı Akademik Kurul Üyesi, Hacettepe University, Fen Fakültesi, Matematik Bölümü, 2009 - 2013

### Advising Theses

Altinok Bhupal S., Variations of star coloring on graphs, Postgraduate, A.KIRTIŞOĞLU(Student), 2021

Altinok Bhupal S., Genelleştirilmiş splinelar teorisi, Postgraduate, G.DİLAVER(Student), 2020

Altinok Bhupal S., Algebraic structure of generalized splines, Doctorate, S.SARIOĞLAN(Student), 2019

ALTINOK BHUPAL S., Algebraic geometric methods in studying splines, Doctorate, N.SİPAHİ(Student), 2013

Altinok Bhupal S., Parçalı polinom fonksiyonları, Postgraduate, M.SONER(Student), 2008

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

#### I. Flow-up bases for generalized spline modules on arbitrary graphs

Altinok Bhupal S., Sarioğlan S.

JOURNAL OF ALGEBRA AND ITS APPLICATIONS, vol.20, no.10, 2021 (Journal Indexed in SCI)

- II. **Basis criteria for generalized spline modules via determinant**  
Altınok Bhupal S., Sariođlan S.  
DISCRETE MATHEMATICS, vol.344, no.2, 2021 (Journal Indexed in SCI)
- III. **Piecewise polynomials with different smoothness degrees on polyhedral complexes**  
ALTINOK BHUPAL S., Sipahi N. O.  
QUAESTIONES MATHEMATICAE, vol.42, no.5, pp.673-685, 2019 (Journal Indexed in SCI)
- IV. **On the monodromy of Milnor open books**  
ALTINOK BHUPAL S., Bhupal M.  
TURKISH JOURNAL OF MATHEMATICS, vol.42, no.3, pp.1005-1017, 2018 (Journal Indexed in SCI)
- V. **On an analog of Pinkham's theorem for non-Tjurina components of rational singularities**  
Altınok S.  
COMPTES RENDUS MATHEMATIQUE, vol.347, no.11-12, pp.643-646, 2009 (Journal Indexed in SCI)
- VI. **Generators for semigroup of Lipman**  
Altınok S., TOSUN M.  
Bulletin of the Brazilian Mathematical Society, vol.39, no.1, pp.123-135, 2008 (Journal Indexed in SCI Expanded)

## Articles Published in Other Journals

- I. **Freeness of mixed splines on polyhedral complex**  
ALTINOK BHUPAL S.  
Int. Journal of Mathematical Computation, vol.27, no.4, pp.27-33, 2016 (Refereed Journals of Other Institutions)
- II. **Minimal page-genus of Milnor open books on links of rational surface singularities**  
ALTINOK BHUPAL S., BHUPAL M. L.  
Contemporary Mathematics, vol.475, pp.1-10, 2008 (Refereed Journals of Other Institutions)
- III. **Toric varieties associated with weighted graphs**  
ALTINOK BHUPAL S., TOSUN M.  
International Mathematical Forum, vol.2, pp.1779-1793, 2007 (Refereed Journals of Other Institutions)
- IV. **Constructing new K3 surfaces**  
Altınok Bhupal S.  
Turkish Journal of Mathematics, vol.29, no.2, pp.175-192, 2005 (Refereed Journals of Other Institutions)
- V. **Hilbert Series and applicaitons to graded rings**  
ALTINOK BHUPAL S.  
International Journal of Mathematics and Mathematical Science, vol.2003, no.7, pp.397-403, 2003 (Refereed Journals of Other Institutions)
- VI. **Fano 3 folds, K3 surfaces and graded rings**  
BROWN G., REID M., ALTINOK BHUPAL S.  
Contemporary Mathematics journal, no.314, pp.25-53, 2002 (Refereed Journals of Other Institutions)

## Citations

Total Citations (WOS):2

h-index (WOS):1