

## Prof. MERAL TOSUN

### Personal Information

Web: <https://avesis.gsu.edu.tr/mtosun>

### International Researcher IDs

ORCID: 0000-0002-7417-2687

Publons / Web Of Science ResearcherID: A-3800-2013

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### Education Information

Doctorate, Académie D'aix-Marseille, Matematik, France 1992 - 1998

Postgraduate, Yildiz Technical University, Faculty Of Arts & Science, Department Of Mathemeatics, Turkey 1990 - 1990

Undergraduate, Marmara University, Fen-Edebiyat Fakültesi, Matematik Bölümü, Turkey 1984 - 1988

### Foreign Languages

French, C1 Advanced

### Dissertations

Doctorate, Singularites Rationnelles des surfaces Complexes, Académie D'aix-Marseille, Matematik, 1998

Postgraduate, Fark denklemleri ve Hypergeometric Fonksiyonlar, Yıldız Teknik Üniversitesi, Felsefe, Matematik Bölümü, 1990

### Research Areas

Mathematics, Algebraic Geometry, Natural Sciences

### Academic Titles / Tasks

Professor, Galatasaray University, Fen-Edebiyat Fakültesi, 2017 - Continues

Associate Professor, Galatasaray University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2007 - 2017

Assistant Professor, Yildiz Technical University, Faculty Of Arts & Science, Department Of Mathemeatics, 2001 - 2006

Research Assistant, Yildiz Technical University, Faculty Of Arts & Science, Department Of Mathemeatics, 1989 - 2001

### Supervised Theses

TOSUN M., Jet schemes of non-isolated hypersurface singularities, Postgraduate, B.KARADENİZ(Student), 2017

TOSUN M., Singularities, sails and kites, Postgraduate, E.BALCI(Student), 2016

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

- I. **MINIMALITY OF A TORIC EMBEDDED RESOLUTION OF RATIONAL TRIPLE POINTS AFTER BOUVIER-GONZALEZ-SPRINGER**  
Şen B. K., Plénat C., TOSUN M.  
Kodai Mathematical Journal, vol.47, no.3, pp.395-427, 2024 (SCI-Expanded)
- II. **Triple root systems, rational quivers and examples of linear free divisors**  
Nakamoto K., Sharland A., TOSUN M.  
INTERNATIONAL JOURNAL OF MATHEMATICS, vol.29, no.3, 2018 (SCI-Expanded)
- III. **NONISOLATED FORMS OF RATIONAL TRIPLE POINT SINGULARITIES OF SURFACES AND THEIR RESOLUTIONS**  
Sharland A. A., Cevik G., TOSUN M.  
ROCKY MOUNTAIN JOURNAL OF MATHEMATICS, vol.46, no.2, pp.357-388, 2016 (SCI-Expanded)
- IV. **A new construction of (D)over-tilde(5)-singularities and generalization of Slodowy slices**  
Nakamoto K., TOSUN M.  
JOURNAL OF ALGEBRA, vol.376, pp.139-151, 2013 (SCI-Expanded)
- V. **INVARIANTS OF OPEN BOOKS OF LINKS OF SURFACE SINGULARITIES**  
Andras Nemethi A. N., TOSUN M.  
STUDIA SCIENTIARUM MATHEMATICARUM HUNGARICA, vol.48, no.1, pp.135-144, 2011 (SCI-Expanded)
- VI. **Generators for semigroup of Lipman**  
Altmok S., TOSUN M.  
BULLETIN OF THE BRAZILIAN MATHEMATICAL SOCIETY, vol.39, no.1, pp.123-135, 2008 (SCI-Expanded)

## Supported Projects

TOSUN M., Project Supported by Higher Education Institutions, BÖLENLERİN NEWTON POLİGONU KULLANILARAK AYRIK YÜZEY TEKİLLİKLERİNİN BİR ÇÖZÜMÜNÜN ELDE EDİLMESİ, 2010 - 2013

TOSUN M., Project Supported by Higher Education Institutions, YÜZEYLERİN ELİPTİK TEKİL NOKTALARININ LİE CEBİRLERİ İLE ELDE EDİLEN GEOMETRİSİ, 2007 - 2010

## Metrics

Publication: 6

Citation (WoS): 6

Citation (Scopus): 6

H-Index (WoS): 2

H-Index (Scopus): 2

## Non Academic Experience

Feza Gürsey Enstitüsü, Uzman araştırmacı

Unam Matematik Enstitüsü-Meksika, Doktora sonrası araştırmacı (Post-doc)

The Abdus Salam Enstitüsü, Doktora sonrası araştırmacı (Post-doc)