

## Assoc. Prof. MEHMET FIRAT ARIKAN

### Personal Information

**Fax Phone:** [+90 312 210 2972](tel:+903122102972)

**Email:** [farikan@metu.edu.tr](mailto:farikan@metu.edu.tr)

**Web:** <http://users.metu.edu.tr/farikan/>

### Education Information

Doctorate, Michigan State University, United States Of America 2003 - 2008

Post Graduate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Matematik (YI) (Tezli), Turkey 1999 - 2002

Under Graduate, Middle East Technical University, Faculty of Arts and Sciences, Department of Mathematics, Turkey 1994 - 1999

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, Topological Invariants of Contact Structures and Planar Open Books, Michigan State University, 2008

Post Graduate, Construction of Surface Bundles with Nonzero Signature, Middle East Technical University, Graduate School of Natural and Applied Sciences, Matematik (YI) (Tezli), 2002

### Research Areas

Basic Sciences, Mathematics, Manifolds and Cell Complexes

### Academic Titles / Tasks

Assistant Professor, Middle East Technical University, Faculty of Arts and Sciences, Department of Mathematics, 2018 - Continues

Assistant Professor, Middle East Technical University, Faculty of Arts and Sciences, Department of Mathematics, 2014 - 2018

### Advising Theses

ARIKAN M. F. , Tight Contact Structures on Hyperbolic Three- Manifolds, Doctorate, M.Secgin(Student), 2018

ARIKAN M. F. , Tight Contact Structures on Small Seifert Fibered Spaces, Post Graduate, K.Yilmaz(Student), 2018

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

- **Tight contact structures on hyperbolic three-manifolds**  
ARIKAN M. F. , Secgin M.  
TOPOLOGY AND ITS APPLICATIONS, vol.231, pp.345-352, 2017 (Journal Indexed in SCI)
- **Legendrian realization in convex Lefschetz fibrations and convex stabilizations**  
Akbulut S., ARIKAN M. F.  
FORUM MATHEMATICUM, vol.27, pp.1829-1847, 2015 (Journal Indexed in SCI)
- **EXISTENCE OF COMPATIBLE CONTACT STRUCTURES ON  $G(2)$ -MANIFOLDS**  
Arikan M. F. , Cho H., Salur S.  
ASIAN JOURNAL OF MATHEMATICS, vol.17, pp.321-333, 2013 (Journal Indexed in SCI)
- **A NOTE ON LEFSCHETZ FIBRATIONS ON COMPACT STEIN 4-MANIFOLDS**  
Akbulut S., Arikan M. F.  
COMMUNICATIONS IN CONTEMPORARY MATHEMATICS, vol.14, 2012 (Journal Indexed in SCI)
- **A normally closed electrostatic parylene microvalve for micro total analysis systems**  
Yildirim E., ARIKAN M. F. , KÜLAH H.  
SENSORS AND ACTUATORS A-PHYSICAL, vol.181, pp.81-86, 2012 (Journal Indexed in SCI)
- **ON THE CLASSIFICATION OF CERTAIN PLANAR CONTACT STRUCTURES**  
Arikan M. F. , Durusoy S.  
ACTA MATHEMATICA HUNGARICA, vol.134, pp.529-542, 2012 (Journal Indexed in SCI)
- **Evaluation of selected kaolins as raw materials for the Turkish cement and concrete industry**  
Aras A., Albayrak M., Arikan M., Sobolev K.  
CLAY MINERALS, vol.42, pp.233-244, 2007 (Journal Indexed in SCI)
- **Sequential masking classification of multi-temporal Landsat7 ETM+ images for field-based crop mapping in Karacabey, Turkey**  
Turker M., Arikan M.  
INTERNATIONAL JOURNAL OF REMOTE SENSING, vol.26, pp.3813-3830, 2005 (Journal Indexed in SCI)
- **Economic assessment of the seismic retrofitting of low-cost apartment buildings**  
Arikan M., Sucuoclu H., Macit G.  
JOURNAL OF EARTHQUAKE ENGINEERING, vol.9, pp.577-584, 2005 (Journal Indexed in SCI)
- **Closure to "Optimal capital structure model for BOT power projects in Turkey" by Sandalkhan Bakatjan, Metin Arikan, and Robert L. K. Tiong**  
Bakatjan S., Arikan M., Tiong R.  
JOURNAL OF CONSTRUCTION ENGINEERING AND MANAGEMENT-ASCE, vol.131, pp.386-387, 2005 (Journal Indexed in SCI)
- **The optimization of a gypsum-based composite material**  
Arikan M., Sobolev K.  
CEMENT AND CONCRETE RESEARCH, vol.32, pp.1725-1728, 2002 (Journal Indexed in SCI)
- **High volume mineral additive for eco-cement**  
Sobolev K., Arikan M.  
AMERICAN CERAMIC SOCIETY BULLETIN, vol.81, pp.39-43, 2002 (Journal Indexed in SCI)

### Articles Published in Other Journals

- **Stabilizations via Lefschetz fibrations and exact open books**  
ARIKAN M. F. , AKBULUT S.  
Journal Gökova Geometry Topology, 2017 (Refereed Journals of Other Institutions)
- **On the Support Genus of a Contact Structure**  
ARIKAN M. F.  
Journal Gökova Geometry Topology, vol.1, pp.92-115, 2007 (Refereed Journals of Other Institutions)
- **Planar Contact Structures with Binding Number Three**  
ARIKAN M. F.

Proceedings of Gokova Geometry / Topology Conference, vol.14, pp.90-124, 2007 (Refereed Journals of Other Institutions)

## Citations

Total Citations (WOS):188

h-index (WOS):6