

## Res. Asst. MEHMET ONAT

### Personal Information

**Email:** monat@cu.edu.tr

**Web:** <https://avesis.cu.edu.tr//monat>

### Education Information

Doctorate, Cukurova University, Fen Bilimleri, Matematik, Turkey 2012 - Continues

Postgraduate, Cukurova University, Fen Bilimleri, Matematik, Turkey 2008 - 2012

Undergraduate, Cumhuriyet Üniversitesi, Fen-Edebiyat, Matematik, Turkey 2003 - 2007

### Dissertations

Postgraduate, Serbest Lie Cebirlerinin Modül Parçalanışları, Cukurova University, Fen Bilimleri, Matematik, 2012

### Research Areas

Mathematics, Algebraic Topology, Natural Sciences

### Academic Titles / Tasks

Research Assistant, Cukurova University, Fen Edebiyat Fakültesi, Matematik, 2010 - Continues

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

- I. **The Hewitt realcompactification of an orbit space**  
Eyidogan S., ONAT M.  
TURKISH JOURNAL OF MATHEMATICS, vol.44, no.6, pp.2330-2336, 2020 (SCI-Expanded)
- II. **Borel's Fixed Point Theorem for Finite Dimensional Compact Abelian Groups**  
Onat M., ÖZKURT A. A.  
INDIAN JOURNAL OF PURE & APPLIED MATHEMATICS, vol.50, no.1, pp.171-179, 2019 (SCI-Expanded)
- III. **Borel'S Fixed Point Theorem for Finite Dimensional Compact Abelian Groups**  
ONAT M., ÖZKURT A. A.  
INDIAN JOURNAL OF PURE & APPLIED MATHEMATICS, vol.50, no.1, pp.171-179, 2019 (SCI-Expanded)
- IV. **The localization theorem for finite-dimensional compact group actions**  
ÖZKURT A. A., ONAT M.  
TURKISH JOURNAL OF MATHEMATICS, vol.42, no.4, pp.1556-1565, 2018 (SCI-Expanded)
- V. **The cohomological structure of fixed point set for pro-torus actions on compact spaces**  
ONAT M.  
TURKISH JOURNAL OF MATHEMATICS, vol.42, no.6, pp.3164-3172, 2018 (SCI-Expanded)

### Completed Projects

## **supported projects**

ÖZKURT A. A., ONAT M., Project Supported by Higher Education Institutions, Kompakt Grup Etkilerinin Kohomoloji Teorisi, 2015 - 2018

## **Metrics**

Publication: 5

Citation (Scopus): 2

H-Index (Scopus): 1

## **Congress and Symposium Activities**

Borel's fixed point theorem for finite dimensional compact abelian groups, Attendee, İstanbul, Turkey, 2018

Borsuk-Ulam type theorem for pro-torus actions, Attendee, İzmir, Turkey, 2018

Borsuk-Ulam Tipli Teoremin Genellemesi, Attendee, Ankara, Turkey, 2017

The localization theorem for finite dimensional compact group actions, Attendee, İzmir, Turkey, 2017

A Fixed Point Criterion for p-adic Actions, Attendee, Athens, Greece, 2015