

## CURRICULUM VITAE

HATICE ZEYBEK

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Hacettepe University

Department of Mathematics

06800 Beytepe, Ankara Turkey

Phone: +90 312 297 7850 / 117

e-mail: [haticezeybek@hacettepe.edu.tr](mailto:haticezeybek@hacettepe.edu.tr)

Born: May 12, 1989, Izmir, Turkey

### EDUCATION

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**2014-present, Ph.D. in Mathematics:** Hacettepe University, Department of Mathematics

**Thesis Advisor:** Yasar Sozen

**Title:** Geometric Structures on Riemann Surfaces and Reidemeister Torsion

**2012-2014, M.S. in Mathematics:** Anadolu University, Department of Mathematics

**Thesis Advisor:** Nedim Değirmenci

**Title:** Generalized Self-Duality of 2-forms

**2007-2012, B.S. in Mathematics:** Anadolu University, Department of Mathematics

### EXPERIENCE

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- Hacettepe University, Department of Mathematics, Research Assistant, 2013-present.
  - University of Southern California, Department of Mathematics, Visiting Scholar, 2018-2019.  
Host: Francis Bonahon

### PUBLICATIONS

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- Generalized Self-Duality of 2-forms and Duality Operator, Anadolu University Journal of Science and Technology –B Theoretical Sciences, **5 (2)**, 2017, 161-171.
  - Shearing deformations of Hitchin representations and the Atiyah-Bott-Goldman symplectic form, 2019, submitted. (<https://arxiv.org/abs/1905.11118>)

### PROJECTS AND AWARDS

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- (Scholar) TUBITAK 3001, “Reidemeister Torsiyon ve Kahler Manifoldlara Uygulamaları”, Yasar Sozen, 114F516, 2017.
  - TUBITAK 2214-A 2nd Term, Research Fellowship Program, 2018.

## CONFERENCES AND SEMINARS

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- 2016, 14th International Geometry Symposium, Pamukkale University, Denizli. **(speaker)**
- 2017, Twenty-fourth Gökova Geometry/Topology Conference, Muğla.
- 2017, May 25-26, 12th Ankara Mathematics Day, Hacettepe University, Ankara.
- 2017, 15th International Geometry Symposium, Amasya University, Amasya. **(speaker)**
- 2018, Twenty-fifth Gökova Geometry/Topology Conference, Muğla.

## TEACHING EXPERIENCE

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- 2013-present: Teaching Assistant  
Calculus I, Calculus II, Hacettepe University