

Nurdan Ünlü

CURRICULUM VITAE

CONTACT

E-mail: nurdanunlu7@gmail.com

INFORMATION

PERSONAL

INFORMATION

Citizenship: Turkey

Date of birth: February 15, 1992, İstanbul

Website: <https://sites.google.com/view/nurdanunlu>

EDUCATION

M.S. in Mathematics, Mimar Sinan Fine Arts

University (2016-2019), GPA: 3.64

Thesis Advisors: Özer Öztürk, Zafeirakis

Zafeirakopoulos

Thesis Title: Toric h-numbers of Dual

Hypersimplices and Chow-Betti numbers

and Ehrhart polynomials of the Minkowski sums
with segments

B.S. in Mathematics, Mimar Sinan Fine Arts

University (2011-2015), GPA: 3.19

Project Advisor: Mustafa Topkara

Project Title: Introduction to Heegaard splitting

RESEARCH

INTERESTS

Low-dimensional topology and geometry,

Combinatorics

TALKS

Toric h-vectors and Ehrhart polynomials of Minkowski
sums, *Workshop on Polytopes, Algebra and
Computation*, IMBM (January 18, 2019, Turkey)

The complex projective plane as a toric variety and Cellular homology of complex projective plane, *Mathematics department seminars*, Mimar Sinan Fine Arts University (May, 2017, Turkey)

**CONFERENCES
AND
WORKSHOPS
ATTENDED**

Workshop on Polytopes, Algebra and Computation (January 18-19, 2019, IMBM)

Einstein Workshop Geometric and Topological Combinatorics (October 29-31, 2018, Berlin)

Workshop in Period integrals associated to algebraic varieties (July 27-30, 2018, IMBM)

Workshop in Integer Partitions (May 21-25, 2018, Nesin Mathematics Village)

Gokova Geometry / Topology Conferences (May 29 - June 3, 2017)

AGNT XV - Ankara-Istanbul Algebraic Geometry & Number Theory Meetings (Oct. 22, 2016), (Nov. 26, 2016)

TKMD Graduate Summer School in Algebraic Topology (June 20 - July 1, 2016, METU)

Gokova Geometry / Topology Conferences (May 30 - June 4, 2016)

PROJECT

TUBITAK 3501-Project, *HALYCON* (*Heterogeneous Algorithms for Combinatorics, Geometry, Optimization and Number Theory*) (July 1, 2018-present)

**COMPUTER
SKILLS**

Document preparation: LaTeX, TikZ
Programming: SageMath, GAP, Polymake