



Ciprian Manolescu

Professor of Mathematics

Bio

ACADEMIC APPOINTMENTS

- Professor, Mathematics

Teaching

COURSES

2025-26

- Modern Mathematics: Continuous Methods: MATH 62CM (Win)
- Polya Problem Solving Seminar: MATH 193 (Aut)
- Polya Problem Solving Seminar: MATH 193X (Aut)

2024-25

- Algebraic Topology: MATH 215A (Aut)
- Polya Problem Solving Seminar: MATH 193 (Aut)
- Polya Problem Solving Seminar: MATH 193X (Aut)

2023-24

- Introduction to Topology and Geometry: MATH 144 (Win)
- Modern Mathematics: Continuous Methods: MATH 62CM (Win)
- Polya Problem Solving Seminar: MATH 193 (Aut)
- Polya Problem Solving Seminar: MATH 193X (Aut)

2022-23

- Homotopy Theory: MATH 282B (Win)
- Polya Problem Solving Seminar: MATH 193 (Aut)
- Polya Problem Solving Seminar: MATH 193X (Aut)
- Topics in Differential Geometry: MATH 286 (Win)

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Gary Guth, Kai Nakamura

Doctoral Dissertation Advisor (AC)

Ciprian Bonciocat, Judson Kuhrman, Qianhe Qin, Eha Srivastava, Hongjian Yang

Publications

PUBLICATIONS

- **Skein lasagna modules for 2-handlebodies** *JOURNAL FUR DIE REINE UND ANGEWANDTE MATHEMATIK*
Manolescu, C., Neithalath, I.
2022
- **A two-variable series for knot complements** *QUANTUM TOPOLOGY*
Gukov, S., Manolescu, C.
2021; 12 (1): 1–109
- **A sheaf-theoretic model for $SL(2, \mathbb{C})$ Floer homology** *JOURNAL OF THE EUROPEAN MATHEMATICAL SOCIETY*
Abouzaid, M., Manolescu, C.
2020; 22 (11): 3641–95
- **A sheaf-theoretic $SL(2, \mathbb{C})$ Floer homology for knots** *PROCEEDINGS OF THE LONDON MATHEMATICAL SOCIETY*
Cote, L., Manolescu, C.
2019; 119 (5): 1336–87
- **Cornered Heegaard Floer Homology** *MEMOIRS OF THE AMERICAN MATHEMATICAL SOCIETY*
Douglas, C. L., Lipshitz, R., Manolescu, C.
2019; 262 (1266): 1–+