

Stanford



Ciprian Manolescu

Professor of Mathematics

Bio

ACADEMIC APPOINTMENTS

- Professor, Mathematics

Teaching

COURSES

2021-22

- Algebraic Topology: MATH 215A (Aut)
- Introduction to Topology and Geometry: MATH 144 (Win)
- Poly Problem Solving Seminar: MATH 193 (Aut)
- Poly Problem Solving Seminar: MATH 193X (Aut)

2020-21

- Introduction to Topology and Geometry: MATH 144 (Win)
- Topics in Topology: MATH 283A (Aut)

2019-20

- Poly Problem Solving Seminar: MATH 193 (Aut)
- Topics in Topology: MATH 283A (Spr)

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Irving Dai, Michael Willis

Doctoral Dissertation Advisor (AC)

Daren Chen, Shintaro Fushida-Hardy

Publications

PUBLICATIONS

- **Skein lasagna modules for 2-handlebodies** *JOURNAL FÜR 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–+