Aaron Anderson

Curriculum Vitae



Education

- 2018– Ph.D. Mathematics (In Progress, currently a Ph.D. Candidate), University of California, Los Angeles, Los Angeles, CA.
- Winter/Spring **Chateaubriand Fellow**, *Université Claude Bernard Lyon 1*, Villeurbanne, France. 2023
 - 2018–2020 M.A. Mathematics, University of California, Los Angeles, Los Angeles, CA.
 - 2014–2018 B.S. Mathematics, California Institute of Technology, Pasadena, CA, GPA: 4.0/4.3.

Papers

- In preparation **Examples and Nonexamples of Distal Metric Structures**, *Aaron Anderson and Itaï Ben Yaacov*.
 - Preprint Generically Stable Measures and Distal Regularity in Continuous Logic, *Aaron* 2023 *Anderson*, arXiv:2310.06787.
 - Preprint **Fuzzy VC Combinatorics and Distality in Continuous Logic**, *Aaron Anderson*, 2023 arXiv:2310.04393.
 - Accepted **Combinatorial Bounds in Distal Structures**, *Aaron Anderson*, Journal of Symbolic 2023 Logic, arXiv:2104.07769.
 - Submitted **The Fraïssé limit of matrix algebras with the rank metric**, *Aaron Anderson*, 2021 arXiv:1712.04431.

Seminar and Conference Presentations

- 5/24/2023 Logic Seminar, Kurt Gödel Logic Center, Vienna, Austria.
- 3/02/2023 Séminaire Logique de Lyon, Institut Camille Jordan, Villeurbanne, France.
- 4/06/2022 Joint Mathematics Meetings, online.
- 3/26/2022 AMS Spring Central, online.
- 3/20/2021 Graduate Student Conference in Logic XXII, UIUC, online.
- 5/23/2020 Short Model Theory Huddle (SMTH), online.
- 12/5/2017 Caltech Logic Seminar, Caltech, Pasadena, CA.
- 10/21/2017 **Caltech SURF Program**, *Caltech*, Pasadena, CA, Qualified for semifinals of the speaking competition.

Teaching and Outreach

Summer Mentor, Canada/USA Mathcamp.

- 2021, 2022 Taught classes at a residential summer program for high school students
- Fall 2020 Mentor, UCLA Directed Reading Program. Mentored an undergraduate in algebraic combinatorics
 - 2018– Instructor, Los Angeles Math Circle.
- 2018–2022 **Graduate TA**, *UCLA*. Classes such as Linear Algebra, Graph Theory, Probability, and History of Math
- Fall 2017 TA for Ma/CS 6a: Discrete Math, Caltech.
- 2014–2017 Treasurer, Secretary, Caltech Harvey Mudd Math Competition.

Awards and Fellowships

- 2023–2024 Dissertation Year Fellowship.
- Spring 2023 Chateaubriand Fellowship.
- Oct. 2017 Semifinalist in Doris S. Perpall Speaking Competition.
- Summer 2017 Rose Hills Foundation SURF Fellow.
- 2014–2016 Putnam Exam, Highest Score: 39, Rank 172. On Caltech Putnam Team in 2015.