

David Green

CONTACT INFORMATION	The Ohio State University Department of Mathematics 100 Math Tower 231 W 18th Ave Columbus, Ohio 43210 USA	(614)292-7045 green.2116@osu.edu https://people.math.osu.edu/green.2116/
RESEARCH INTERESTS	Quantum algebra, tensor and fusion categories, low dimensional higher categories, anyons and condensed matter.	
EDUCATION	The Ohio State University Graduate Student, Mathematics (expected Ph.D. May 2025) Advisor: David Penneys University of Texas at Austin B.S. in Mathematics, May 2019	
PREPRINTS	D. Green, Classification of Rank 6 Modular Categories with Galois Group $\langle(012)(345)\rangle$ <i>arXiv Preprint</i> arXiv:1908.07128, 2019. <i>Submitted for publication.</i>	
TALKS	<i>Classification of rank 6 MTC's</i> , Quantum Algebra and Quantum Topology Seminar, The Ohio State University. (September 2019)	
HONORS AND AWARDS	2019–21,2024	Susan Huntington Dean's Distinguished University Fellowship The Ohio State University Graduate School
	2019	Williams Award Mathematics Department, The University of Texas at Austin
GRADUATE COURSEWORK	<input type="checkbox"/> Real Analysis (I/II) <input type="checkbox"/> Low Dimensional Topology <input type="checkbox"/> Algebra (I/II), Lie Algebras	<input type="checkbox"/> Algebraic Topology (I/II) <input type="checkbox"/> Differential Equations & Quantum Groups <input type="checkbox"/> Homotopy Theory
RESEARCH EXPERIENCE	2018	Mathematics of Topological Quantum Computation REU Advisor: Eric Rowell, Texas A&M University.
CONFERENCES & WORKSHOPS	June 28-July 19, 2020: Groundwork for Operator Algebras Lecture Series, Michigan State University March 16-20, 2020: Tensor Categories and Topological Quantum Field Theories, MSRI January 27-31, 2020: Introductory Workshop: Quantum Symmetries, MSRI October 12-13, 2019: Seventeenth East Coast Operator Algebra Symposium, The Ohio State University. June 3-14, 2019: Summer Research Program on Quantum Symmetries, The Ohio State University. September 20-22, 2018: 1st IAMCS Workshop on Quantum Computation, Texas A&M University.	