Deewang Bhamidipati

CONTACT INFORMATION	Mathematics Department University of California, Santa Cruz	Email: bdeewang@ucsc.edu Website: bdeewang.com	
EDUCATION	University of California, Santa Cruz Ph.D. IN MATHEMATICS Advisor: <i>Martin Weissman</i>		California, USA Sep 2019 – present
	M.A. IN MATHEMATICS		Aug 2020
	Higher School of Economics M.SC. IN MATHEMATICS Advisor: Vadim Vologodsky		Moscow, Russia Jun 2019
	Shiv Nadar University B.Sc. (RESEARCH) IN MATHEMATICS Specialisation in Applied Algebra		Uttar Pradesh, India May 2016
EXTERNAL TALKS	Vertical Frobenius Trace Distributions USTARS, University of Washington, Seattle, W	VA	Mar 2023
* ВЕМОТЕ	Frobenius Trace Distributions informed by Angle Rank Joint Mathematics Meetings, Boston, MA		Jan 2023
	What is a scheme?* What is a seminar?		Oct 2021
INTERNAL TALKS	A Point is Worth a Shape: Introducing Modu Undergraduate Student Colloquium, Universi		Feb 2023
КЕМОТЕ	Angle Ranks and Frobenius Distributions Graduate Student Colloquium, University of C	California, Santa Cruz	Nov 2022
	Some Invariants of Abelian Varieties over Fir Graduate Student Colloquium, University of C		Oct 2022
	Cohomology on Sites* Graduate Student Colloquium, University of C	California, Santa Cruz	Jan 2022
	Fundamental Groups: Topological, Étale, Tan Graduate Student Colloquium, University of C		Oct 2021
	Demystifying the <i>p</i>-adics* <i>Graduate Student Colloquium, University of C</i>	California, Santa Cruz	Nov 2020
	A First Introduction to Motivic Integration Geometric Structures on Manifolds Seminar, H	ligher School of Economics	Jun 2019
	p-adic Integration and Betti Numbers of Cala Geometric Structures on Manifolds Seminar, H		Dec 2018
	Mordell's Theorem Graduate Student Seminar, Higher School of E	conomics	May 2018

Last Updated: February 2023

OTHER TALKS	Beamer Workshop Directed Reading Program, University of California, Santa Cruz		Feb 2023
	LAT_EX Workshop (wi Undergraduate Stud	th Jennifer Guerrero) dent Colloquium, University of California, Santa Cruz	Oct 2022
		arts II: Trying tikz, tikz-cd and beamer dent Colloquium, University of California, Santa Cruz	Apr 2022
		rts I: An Introduction dent Colloquium, University of California, Santa Cruz	Apr 2022
		n Volume of Hilbert Scheme of Points ociety Seminar, Shiv Nadar University	Aug 2019
Programmes, Workshops &	Critical Issues in M MSRI/SLMath, Berl	athematics Education: Mentoring for Equity keley, USA	Mar 2023
CONFERENCES (selected)	USTARS University of Washi	ngton Seattle USA	Mar 2023
*КЕМОТЕ	Ž	ns, Arizona Winter School	Mar 2023
	Introductory Works MSRI/SLMath, Berl	shop: Diophantine Geometry keley, USA	Feb 2023
	Joint Mathematics I Boston, USA	Meetings	Jan 2023
	Rethinking Numbe Project Leader: <i>Mart</i>	•	Jun – Jul 2022
	Automorphic Forms University of Arizon	Beyond GL_2 , Arizona Winter School na, Tuscon, USA	Mar 2022
	PCMI Graduate Su Number Theory Info Motivic Homotopy IAS/PCMI, Park Cit	rmed by Computation (Week 3) Theory (Week 1)	Jul 2021
	Rethinking Numbe Project Leader: Soun		Jul 2021
	Sparsity of Algebrai MSRI, Berkeley, USA	ic Points, MSRI Summer Graduate School*	Jun 2021
	Rational Points and University of Pittsbu	l Galois Representations* urgh, USA	May 2021
	Unlikely intersections, Diophantine geometry, and related fields* University of Reading, UK		Apr 2021
	Connecticut Summer School in Number Theory (CTNT)* University of Connecticut, Connecticut, USA		Jun 2020
TEACHING	University of Ca	LIFORNIA, SANTA CRUZ	
КЕМОТЕ	Instructor of Record	MATH 105A – Real Analysis MATH 103A – Complex Analysis MATH 11B – Calculus with Applications MATH 100 – Introduction to Proof and Problem Solving	Summer 2023 Spring 2023 Summer 2022* Summer 2022*

	MATH 103A – Complex Analysis MATH 110 – Introduction to Number Theory MATH 110 – Introduction to Number Theory MATH 105A – Real Analysis MATH 3 – Precalculus	Spring 2022 Fall 2021 Summer 2021* Fall 2020* Summer 2020*
Teaching Assistant	MATH 288B – Pedagogy of Mathematics (for GSI: MATH 19A – Calculus for Sci., Eng., and Math. MATH 11A – Calculus with Applications MATH 111T – Algebra (Fellowship under SEMILLA Teach)	Winter 2023 Fall 2022 Winter 2022 Spring 2021*
	MATH 100 – Introduction to Proof and Problem S (Fellowship under SEMILLA Teach)	olving Winter 2021*
	MATH 3 – Precalculus MATH 181 – History of Mathematics MATH 3 – Precalculus	Spring 2020* Winter 2020 Fall 2019
SHIV NADAR UNI	VERSITY	
Teaching Assistant	MAT260 – Linear Algebra	Fall 2015
Tutor, LASC	MAT260 – Linear Algebra MAT284 – Probability and Statistics MAT101 – Calculus I LASC = Learning & Academic Support Centre	Spring 2015 Spring 2015 Fall 2014
Head TA, for mento Head TA Team, Math Directed Reading 1	nematics Department	Jul 2022 – present
Organiser, co-organis	sing with David Rubinstein	Aug 2021 – Jun 2024
Association for Wo President General Secretary	omen in Mathematics Chapter	Sep 2022 – Aug 2023 Nov 2020 – Aug 2022
-	artment Peer Support Program sing with Jennifer Guerrero, David Rubinstein, Ryan Pugh	Aug 2021 – Jun 2023
	Colloquium, Mathematics Department sed with David Rubinstein	Dec 2020 – Jun 2022
Category Theory L Organiser, co-organis	earning Seminar sed with Vaibhav Sutrave, David Rubinstein	Winter – Spring 2022
Reading Groups, (Organiser	
 Topological I co-organised w 	Data Analysis rith David Rubinstein	Winter 2023
StacksÉtale Cohome co-organised w	ology rith Shane Kennerly, Malachi Alexander	Fall 2022 Fall 2021
Homological co-organised w	Algebra rith Vaibhav Sutrave, Malachi Alexander	Spring 2021
	Arithmetic by JP.Serre	Winter & Summer 2020

SERVICE & ORGANISING

Mathematics	Department DEI	Committee
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Graduate Student Representative Oct 2020 – Jun 2022

OUTREACH

UNIVERSITY OF CALIFORNIA, SANTA CRUZ

Directed Reading Program

Mentor, Brooke Zhang
 COMBINATORIAL DESIGNS
 Fall 2022

Mentor (with David Rubinstein), Kenneth Gee
 THE (CURRY-HOWARD-)LAMBEK CORRESPONDENCE
 Summer – Fall 2022

Mentor, Miles Mitchell
 AFFINE ALGEBRAIC GROUPS AND HOPF ALGEBRAS
 Spring 2022

Mentor, Morea Lee
 GALOIS THEORY OVER Q
 Winter 2022

Mentor, Yijia Sun
 LINEAR ERROR CORRECTION CODES
 Fall 2021

Mentor, Anna Yoon
 ELLIPTIC CURVE CRYPTOGRAPHY
 Winter 2020

Panelist, The Roles and Contributions of TAs
Graduate Preparation Program
Aug 2022, 2021

EXTERNAL

Twoples

Mentor, Lillian Frey (Binghamton University)
 INTRODUCTION TO CODING THEORY: LINEAR CODES
 Sep – Dec 2022

Mentor, Lalit Mohan Sharma (University of Delhi)
 NUMBER THEORY OF NUMBER FIELDS: CLASS GROUPS
 INTRODUCTION TO ALGEBRAIC GEOMETRY: VARIETIES
 Jan – Apr 2022
 Aug – Dec 2021

Mentor, Bowen Li (Carleton College)
 JOURNEY THROUGH CATEGORY THEORY
 Jan – Apr 2022

Panelist, Graduate Student Perspectives: A Year in Review
Lunch in the Time of COVID

May 2021

PEDAGOGICAL & PROFESSIONAL DEVELOPMENT

University of California, Santa Cruz

Equity-Minded Mentoring for Graduate Students Certificate Program

Center for Innovations in Teaching and Learning

Winter 2023

Graduate Student Researcher, Redesigning Calculus in the Life Sciences

Mathematics Department & Center for Innovations in Teaching and Learning

Fellowship under the GANAS-Career Pathways grant

Summer 2021

Summer Graduate Student Instructor Peer Support Team

Center for Innovations in Teaching and Learning Spring – Summer 2021

Preparing for Inclusive Teaching

Center for Innovations in Teaching and Learning Sep 2020, 2019

Integrated Course Design for Remote Instruction

Online Education (OE) Spring 2020

Course Design & Delivery Certificate Program

Center for Innovations in Teaching and Learning Spring 2020

	Teaching for Equity Certificate Program Center for Innovations in Teaching and Learning	Spring 2020
AWARDS, GRANTS & SCHOLARSHIPS	State Funded Scholarship, Higher School of Economics Full Merit Scholarship, Shiv Nadar University	2017 – 2019 2012 – 2016
MEMBERSHIPS	Association for Women in Mathematics American Mathematical Society	Feb 2021 – present Oct 2019 – present