

Sabyasachi Mukherjee

Updated February 13, 2021

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Area of interest	Analytic Number Theory	
Education	Georg-August-Universität Göttingen	Göttingen, Germany
	M.Sc. in Mathematics	April 2018 – Present
	Mentor: Professor Jörg Brüdern	
	Thesis: <i>Small Solutions of Linear Equations in Primes</i>	
	Overall Grade: 2,2, Grade in Mathematics Courses: 2,0 (German scale)	
	Georg-August-Universität Göttingen	Göttingen, Germany
	M.Sc. in Mathematics (Conditional Admission)	October 2017 – March 2018
	Shiv Nadar University	Noida, India
	B.Sc. in Mathematics, GPA: 8.02/10	August 2013 – May 2017
	Mentor: Dr. Priyanka Grover	
	Thesis: <i>Dirichlet's Theorem on Arithmetic Progressions</i>	
Teaching/Grading	Grader, Department of Mathematics (Göttingen)	Winter 2020
	Real Analysis I (Differenzial-und Integralrechnung I)	
	Tutor, Department of Mathematics (Göttingen)	Summer 2020
	Functional Analysis	
	Grader, Department of Mathematics (Göttingen)	Winter 2019
	Real Analysis I (Differenzial-und Integralrechnung I)	
	Grader, Department of Mathematics (Göttingen)	Summer 2019
	Linear Algebra and Analytic Geometry (Geometrie)	
Talks	Roth's theorem using energy increment	May 2020, Göttingen
	Analytic Number Theory course offered by Prof. Jörg Brüdern and Prof. Damaris Schindler	
	Large subsets of \mathbb{F}_q^n without three-term AP	July 2020
	Göttingen Number Theory Oberseminar organised by Prof. Harald Helfgott	
	A Sharp Version of Halasz's Theorem	December 2020
	Göttingen Number Theory Working Seminar organised by Prof. Damaris Schindler	

Skills

Python, Matlab and \LaTeX

Languages

English (fluent) (TOEFL: 114/120), Bengali (fluent), Hindi (fluent), German (A1)