

Sabyasachi Mukherjee

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Area of interest	Analytic Number Theory, Additive Number Theory	
Education	Georg-August-Universität Göttingen	Göttingen, Germany
	M.Sc. in Mathematics	September 2021 (Expected)
	Mentor: Professor Jörg Brüdern	
	Thesis: <i>The Möbius Function on Arithmetic Progressions</i>	
	Overall Grade: 2,2, Grade in Mathematics Courses: 2,0 (German scale)	
Teaching/Grading	Shiv Nadar University	Noida, India
	B.Sc. in Mathematics, GPA: 8.02/10	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	
Teaching/Grading	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	
Skills	A Sharp Version of Halasz's Theorem	December 2020
	Göttingen Number Theory Working Seminar organised by Prof. Damaris Schindler	
	Python, Matlab and \LaTeX Languages	

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