

	Week 1		Week 2		Week 3		Week 4				
09:10	<b>(ANA)</b> Multivariable Calculus Crash Course Mark, 🍌🍌🍌		<b>(COM)</b> Intro Graph Theory Mira Bernstein, 🍌🍌		<b>(ANA)</b> Magic of Harmonic Functions Alan Chang and Laithy, 🍌🍌🍌🍌		<b>(VAR)</b> A Tour of Paradox Riley S, 🍌				
	<b>(NT)</b> Algorithms in NT Misha, 🍌🍌		<b>(ALG/GEO)</b> Geometric Group Theory (week 1 of 2) Arya, 🍌🍌		<b>(ANA)</b> Calculus without limits Glenn, 🍌, T-F	<b>(APL)</b> Slide Rules Glenn, 🍌, S	<b>(LOG)</b> Mathematical Logic, or How We Know We're Not Wasting Our Time (Completely) Maya, 🍌🍌🍌				
	<b>(ANA/NT)</b> The other other analytic NT (week 1 of 2) (modular forms) Dave Savitt, 🍌🍌🍌🍌		<b>(TOP)</b> Kowalsky's Hedgehog Theorem Ben Dees, 🍌🍌🍌		<b>(LOG)</b> Model Theory Aaron Anderson, 🍌🍌🍌		<b>(APL)</b> Einstein's theory of gravity 2: General relativity Laithy, 🍌🍌🍌🍌				
	<b>(GEO)</b> Differential Geometry of Surfaces Laithy, 🍌🍌🍌		<b>(ALG)</b> Intro ring theory Mark, 🍌🍌🍌		<b>(ALG)</b> Oops all algebra: An Introduction to Infinity Categories Riley S, 🍌🍌🍌🍌		<b>(VAR)</b> 5 proofs that it is impossible to tile a 10x10 square by 1x4 rectangles Nikita, 🍌🍌				
	<b>(VAR)</b> On beyond i Steve, 🍌		<b>(ANA)</b> Hilbert Spaces (over C) - What does 1 1/2 linear mean and why is it so helpful? Audrey, 🍌🍌🍌		<b>(NT)</b> Diophantine approximation and transcendental number theory Sarah Peluse, 🍌🍌, T-F	<b>(NT)</b> Diophantine Approximations and the Putnam Misha, 🍌🍌, S	<b>(ALG)</b> Representation Theory of Finite Groups (week 2 of 2) Mark, 🍌🍌🍌🍌				
BREAK											
10:10	<b>(ALG)</b> Intro Linear Algebra Narmada, 🍌🍌		<b>(VAR)</b> Triangles in a square: how hard can it be? 🤔 Glenn, 🍌🍌		<b>(LOG)</b> Computing past infinity Della, 🍌🍌🍌		<b>(VAR)</b> History of math Neeraja Kulkarni, 🍌				
	<b>(NT)</b> The Number Theory of Quadratic Forms Nic Ford, 🍌🍌🍌		<b>(ANA)</b> Badly behaved Sets Sam, 🍌🍌		<b>(ANA)</b> Functions of a Complex Variable (week 2 of 2) Mark, 🍌🍌🍌		<b>(CS)</b> Smtitroglalgorithms Zach, 🍌🍌🍌				
	<b>(ALG)</b> Finite Field Trip Eric, 🍌🍌		<b>(LOG)</b> Introduction to Descriptive Set Theory Maya, 🍌🍌🍌🍌		<b>(ALG)</b> Orthogonal Projections Riley W, 🍌		<b>(VAR)</b> Trail Mix Mark, variable 🍌				
	<b>(CS)</b> Elements of a Classical Chess Engine Riley W, 🍌🍌		<b>(ALG)</b> Singular Value Decomposition Kaia, 🍌🍌🍌		<b>(COM/GEO)</b> Hales-Jewett Theorem Misha, 🍌🍌🍌🍌		<b>(LOG/COM)</b> Combinatorics with ultrafilters Steve, 🍌🍌🍌🍌				
	<b>(TOP/ANA)</b> Counterexamples to the Fundamental Theorem of Calculus Ben Dees, 🍌🍌🍌🍌		<b>(GEO/COM)</b> Finite Geometries Misha, 🍌		<b>(GEO)</b> Cut that Out! Zach, 🍌🍌		<b>(GEO)</b> Hyperbolic Geometry Dan Zaharopol, 🍌🍌				
BREAK											
11:10	<b>(ALG)</b> Intro Group Theory Mira Bernstein, 🍌🍌🍌		<b>(COM/NT)</b> Arithmetical Structures on Graphs Joel Louwsma, 🍌🍌		<b>(ALG)</b> Representation Theory of Finite Groups (week 1 of 2) Mark, 🍌🍌🍌🍌		<b>(GEO/TOP)</b> Flat Surfaces Jenya Sapir, 🍌🍌				
	<b>(APL)</b> Conjugate Gradient Kaia, 🍌🍌		<b>(COM)</b> The Polynomial Method in Combinatorics Charlotte and Narmada, 🍌		<b>(NT)</b> Dirichlet class number formula Viv Kuperberg, 🍌🍌🍌🍌		<b>(ANA/NT)</b> The other analytic number theory (p-adics) Eric, 🍌🍌🍌				
	<b>(COM)</b> Generating Functions, Catalan Numbers and Partitions Mark, 🍌🍌		<b>(ALG/CS)</b> Homomorphic encryption Eric, 🍌🍌		<b>(APL)</b> QR Factorization Kaia, 🍌🍌🍌		<b>(ANA)</b> Differentiating the Undifferentiable Sam, 🍌🍌🍌🍌				
	<b>(TOP)</b> Extra-Stretchy Rubber Sheet Geometry Riley S, 🍌		<b>(LOG)</b> Breaking the axiom of choice Steve, 🍌🍌🍌🍌		<b>(ALG/GEO)</b> Geometric Group Theory (week 2 of 2) Arya, 🍌🍌		<b>(COM)</b> Combinatorial Game Theory Laura Pierson, 🍌🍌, T-W	<b>(CS/NT)</b> Error-correcting codes Narmada, 🍌🍌, Th-S			
	<b>(COM)</b> Percolation Nikita, 🍌🍌🍌🍌		<b>(ANA)</b> Functions of a Complex Variable (week 1 of 2) Mark, 🍌🍌🍌		<b>(COM)</b> Hat puzzles Nikita, 🍌🍌		<b>(COM)</b> Two cool techniques related to exact cover problems Riley W, 🍌🍌🍌				
BREAK											
13:10	<b>(ANA)</b> The Real Numbers Maya, 🍌, T-Th		<i>(tbd)</i> Po-Shen Loh, F-S	<b>(ALG)</b> Category theory from scratch Della and Riley S, 🍌🍌🍌		<b>(APL)</b> Einstein's theory of gravity 1: Special relativity Laithy, 🍌🍌		<b>(CS)</b> How to solve an NP-complete Problem Glenn, 🍌🍌🍌			
	<b>(VAR)</b> Crash course Glenn, 🍌, 80 mins		<b>(VAR)</b> Problem-Solving: Induction Zach, 🍌, 80 mins		<b>(GEO)</b> Problem-Solving: Cheating in Geometry Zack Chroman, 🍌🍌🍌, 80 mins		<b>(APL)</b> Seasonal Infectious Disease Models Kaia, 🍌🍌				
	<b>(LOG)</b> Stupid games on infinite graphs Della, 🍌🍌, 80 mins		<b>(COM)</b> Catalan Structures Riley W, 🍌🍌		<b>(ANA)</b> Reverse Flash: Fractal Geometry Narmada, 🍌🍌🍌, 80 mins		<b>(VAR)</b> Math for solving puzzles Della, variable 🍌, 80 mins				
	<b>(TOP)</b> Intro to Point-set topology Audrey, 🍌🍌🍌		<b>(GEO)</b> The shape and soul of a surface: the Gauss Bonnet theorem Laithy, 🍌🍌🍌, T-Th	<b>(CS)</b> Solving sudokus fractionally: linear programming Nikita, 🍌🍌, F-S	<b>(LOG/COM)</b> Infinite Trees (week 1 of 2) Susan, 🍌🍌🍌		<b>(LOG/COM)</b> Infinite Trees (week 2 of 2) Susan, 🍌🍌🍌				
	<b>(ANA)</b> The Not So Ordinary Theory of Ordinary Differential Equations Sam, 🍌🍌🍌		<b>(ANA/NT)</b> The other other analytic NT (week 2 of 2) (modular forms) Dave Savitt, 🍌🍌🍌🍌		<b>(ANA/COM)</b> Additive Combinatorics & Fourier Analysis Charlotte, 🍌🍌		<b>(ANA)</b> Continuous Functional Calculus on Hilbert Spaces (over C): We can take the square root of a function now?! Audrey, 🍌🍌🍌🍌				
Topics -	Algebra (ALG)	Analysis (ANA)	Applied Math (APL)	Comp. Sci. (CS)	Combi. (COM)	Geometry (GEO)	Logic (LOG)	NT (NT)	Topology (TOP)	Variety (VAR)	