Mathcamp 2015 Week 5 Schedule

Time	Room	Tuesday	Wednesday	Thursday	Friday
7:00 – 9:00	Wheelock	Breakfast			
9:10–10:00	T171	**Assembly (McIntyre 103)**	Primitive roots 🐝🐝 (Mark)	No class	Problem Solving: Tetrahedra 🐝🐝🐝🐝 (Misha)
	T189		No class	Learn to code! 🐝 (Asilata)	No class
	T197		Quantum factoring 🐝🐝🐝🐝 (Pesto)	The tale of summation is in order! 🐝🐝🐝 (*Paweł Piwek*)	Wagner's Theorem 🐝🐝🐝 (Pesto)
	T297		Quaternions and rotations 🐝🐝🐝 (Chris + Alfonso)	The Hoffmann Singleton Theorem 🐝🐝🐝 (Pesto)	Qualifying Quiz Problem 6 🐝🐝 (Jalex)
	T310		What's Up With e? 🐝🐝 (Susan)	Machine Learning 🐝🐝 (*Josh Tenenbaum*)	From Counting to a Theorem of Fermat 🐝🐝 (Mark)
10:10–11:00	T171	Extensions 🐝🐝🐝🐝 (Asilata)	Cyclotomic Polynomials and Extensions 🐝🐝🐝 (Milica)	Martin's Axiom and Ramsey Ultrafilters 🐝🐝🐝🐝 (Steve + Susan)	
	T197	Stupid Games on Uncountable Sets 🐝🐝 (Susan)		The Cake is a Lie 🐝🐝 (Sachi)	
	T297	Differentials and higher differentials 🐝🐝 (*Anti Shulman*)	Quaternions and rotations 🐝🐝🐝 (Chris + Alfonso)	Abelian Groups 🐝🐝🐝 (Don)	
	T310	Multiplicative Functions 🐝🐝 (Mark)		Quadratic Reciprocity 🐝🐝–🐝🐝🐝 (Mark)	
11:10–12:00	M107	Combinatorial Topology 🐝🐝🐝 (Jeff)			
	T171	[**HR**] Abel's Theorem 🐝🐝🐝 (Mira)			
	T197	The Fast More Four Do Over 🐝🐝🐝🐝 (Yüv)	Abstract Nonsense 🐝🐝🐝🐝 (Chris)		
	T310	Combinatorial Game Theory 🐝🐝 (Alfonso)			
11:30–1:30	Wheelock	Lunch			
1:10–2:00	T171	The Projective Plane 🐝🐝 (Sachi)	Sylow Theorems 🐝🐝🐝 (Nancy)		
	T197	Elliptic Curves Day 1 🐝 (Ruthi)	Elliptic Curves Day 2 🐝🐝 (Ruthi)	Elliptic Curves Day 3 🐝🐝🐝 (Ruthi)	Elliptic Curves Day 4 🐝🐝🐝🐝 (Ruthi)
	T297	Finite Fields 🐝🐝🐝 (Mark)	Latin Squares 🐝–🐝🐝 (Marisa)		The Robinson-Schensted Correspondence 🐝 (Asilata)
	T310	Bad History 🐝 (Sam)	Optimization Problems on Graphs 🐝🐝 (Sam)		A Card Trick, and a Set 🐝🐝 (Don)
2:10–3:00	T171	No class			Fractal dimensions 🐝–🐝🐝 (*Hermann Minkowski*)
	T197	Posets 🐝🐝🐝 (Kevin)			A game you can't play 🐝🐝 (*Stefan Banach + Alfred Tarski*)
	T283	LARGE cardinals! 🐝🐝🐝🐝 (Steve)			Polygamy (and bankruptcy) 🐝 (*Judah the Prince*)
	T297	Rapid Fire Problem Solving 🐝 (Misha)	Problem Solving: Linear Algebra 🐝🐝🐝 (Misha)		Burnside's Lemma 🐝🐝🐝 (*William Burnside*)
	T310	A Mathematician Goes to Vegas 🐝🐝 (Don)	Cosine Waves on Musical Staves 🐝 (J-Lo)	Group operations' harmonic implications 🐝🐝 (J-Lo)	No class
3:00–4:00	Classrooms	TAU			
4:00–5:00	M103	Future of You (Staff)	Future of Mathcamp (Staff)	Extra TAU (In Thompson)	Project Fair (In the Rotunda)
4:30–6:30	Wheelock	Dinner			

Key: [**HR**]—Homework Required T—Thompson M—McIntyre