

MATHCAMP 2006 - Week 3 Schedule

		Tuesday 7/18	Wednesday 7/19	Thursday 7/20	Friday 7/21	Saturday 7/22	
9 - 9:50	E	Mandatory Assembly (McIntyre 103)	Matrix game theory * (Ari)	Matrix game theory * (Ari)	Matrix game theory * (Ari)	Matrix game theory * (Ari)	
	F		Intro problem solving ** (Bogdan)	Intro problem solving ** (Bogdan)	Intro problem solving ** (Bogdan)	Intro problem solving ** (Bogdan)	
	D		HW Projective geometry *** (DaveA)	HW Projective geometry *** (DaveA)	HW Projective geometry *** (DaveA)	HW Projective geometry *** (DaveA)	
	J213		HW Vectors & matrices, tensors & spinors *** (Anti and Alfonso)	HW Vectors & matrices, tensors & spinors *** (Anti and Alfonso)	HW Vectors & matrices, tensors & spinors *** (Anti and Alfonso)	HW Vectors & matrices, tensors & spinors *** (Anti and Alfonso)	
	G		Fermat's dream II **** (Miljan)	Fermat's dream II **** (Miljan)	Fermat's dream II **** (Miljan)	Fermat's dream II **** (Miljan)	
10 - 10:50	E	Finite fields *** (Dave S)	HW Applied linear algebra ** (Mira)	Finite fields *** (Dave S)	Finite fields *** (Dave S)	Finite fields *** (Dave S)	
	D	"Convex cones" *** (Ellen)	"Convex cones" *** (Ellen)	"Convex cones" *** (Ellen)	"Convex cones" *** (Ellen)	HW Applied linear algebra ** (Mira)	
	F	HW Theoretical CS *** (Dan)	HW Theoretical CS *** (Dan)	HW Theoretical CS *** (Dan)	HW Applied linear algebra ** (Mira)	HW Theoretical computer science *** (Dan)	
	G	MM Topology **** (M@)	MM Topology **** (M@)	HW Applied linear algebra ** (Mira)	MM Topology **** (M@)	MM Topology (M@) ****	
	J213	TM: Hardcore linear algebra **** (Mark)	TM: Continued fractions ** (Mark)	TM: The nine-point circle * (Mark)	TM: Transformations of the plane ** (Mark)	TM: A quick tour of Hensel's world **-*** (Mark)	
11 - 11:50	F	Error-correcting codes ** (Megan)	TBA (Allan Adams)	TBA (Allan Adams)	TBA (Allan Adams)	TBA (Allan Adams)	
	G	Pathway to analytic number theory *** (Miljan)	Pathway to analytic number theory *** (Miljan)	Pathway to analytic number theory *** (Miljan)	Pathway to analytic number theory *** (Miljan)	Pathway to analytic number theory *** (Miljan)	
	J213	Tropical curves **** (Sam)	Tropical curves **** (Sam)	Tropical curves **** (Sam)	Tropical curves **** (Sam)	Tropical curves **** (Sam)	
		(E) Can computers make conjectures? **** (Noah G)	(E) Can computers make conjectures? **** (Noah G)	(Library) How to read a math paper *** (Dave S and Dave R)	(Library) How to read a math paper *** (Dave S and Dave R)	(Library) How to read a math paper *** (Dave S and Dave R)	
		(M103) Estimations and white lies ** (Theo)	(M003) Estimations and white lies ** (Theo)	(M103) Probability and the mind ** (Josh Tenenbaum)	(M103) Probability and the mind ** (Josh Tenenbaum)	(M103) Mind and brain Q&A (Rebecca Saxe and Josh Tenenbaum)	
LUNCH						12-2	Lunch and advisor meetings
1:10 - 2		(M103) HW Classical logic ** (Kenny)	(M003) HW Classical logic ** (Kenny)	(M103) HW Classical logic ** (Kenny)	(M103) HW Classical logic ** (Kenny)	2-2:30	(M103) The two-envelope paradox (Kenny)
	G	Symmetric functions ** (M@ and Sam)	Symmetric functions ** (M@ and Sam)	Symmetric functions ** (M@ and Sam)	Symmetric functions ** (M@ and Sam)	2:40 - 3:30	(G) Symmetric functions ** (M@ and Sam)
	E	Topological graph theory *** (Marisa)	Topological graph theory *** (Marisa)	Topological graph theory *** (Marisa)	Topological graph theory *** (Marisa)		(E) Topological graph theory *** (Marisa)
	J213	Representation theory of finite groups **** (Mark)	Representation theory of finite groups **** (Mark)	Representation theory of finite groups **** (Mark)	Representation theory of finite groups **** (Mark)		(J213) Representation theory of finite groups **** (Mark)
	F	Olympiad problem solving **** (Bogdan)	Olympiad problem solving **** (Bogdan)	Olympiad problem solving **** (Bogdan)	Olympiad problem solving **** (Bogdan)		(F) Olympiad problem solving **** (Bogdan)
2-4	TAU						(M103) Class logic *** (Kenny)
4-5 (Col.)	(M103) 7MP: Yang-Mills (Anti)	(M003) TBA (Allan Adams)	(M103) Integers in the mind (Rebecca Saxe)	(M103) Proofs that really count, Part I (Jennifer Quinn)	3:40 -	:	Relays ! (Quad behind Jones)
All Day:	(B) Marathon Quantum Topology **** (Noah)						

Evening (H011) Intro programming (Rob) Team Problem Solving (H011) Python crash course (Rob)

Puzzle Hunt Orientation

Classrooms: H (Howarth), J (Jones), M (McIntyre); B, D, E, F, G (see back)