

math NEWS



Volume 77, Issue 4

Friday, June 12, 1998



lookAHEAD

mathNEWS	
June 12	Issue #4 is out and about
June 22	Issue #5 is worked and quirked (That's a production night, son.) 6:30pm, MathSoc (MC 3038)
June 26	Issue #5 is greased and released
Math Faculty	
June 15	Classes and lectures are held just like normal. There's nothing that would distinguish this school day from any other. Really. I'm quite serious. Just ignore that purple man in the corner.
June 16	The day that we recover from that very normal day we had yesterday.
Movie Night	
June 18	<i>The Replacement Killers & Once a Thief</i>
June 25	<i>Spice World & Clueless</i>
Miscellaneous	
June 10	World Cup Fever grips U(W)
June 13	The ongoing feud between good and evil reaches a stalemate
June 15	World Cup Fever still grips U(W)
June 16	Fox airs <i>When mathNEWS Attacks!</i> exposé
June 18	World Cup Fever ... can't you just feel it?!?
June 20	Hopefully someone has won the Stanley Cup by now ...
June 25	Evil kicks good in the ass

mastHEAD

Would you call our brand of humour stale or moldy?

This is the first issue of mathNEWS in a long time that was done without the help of the graphical X-Window production system. MFCF has decided that the Mobius computers are no longer worthy enough to be used by undergrads, and the 'xls' command (that's a graphical (x) directory listing (ls)) doesn't work on any non-Mobius computer that we've found. So, until we find a new 'xls' command that works on, say, Cayley, we're producing mathNEWS while blind as a bat.

Comments about quality improving or deproving due to our blindness are welcome.

Our fierce group of newsies (the math kind) tonight (Along with their answer to the question *What is the real reason Geri left?*) were Michael Thorsley (Mel C. had bad B.O.), Chris McGuire (Because she discovered ... she actually had a LIFE!!!), Andrea Knowles (She wanted to get out of the business before her career went the way of David Curuso), Brian Fox (She wants to pursue her lifelong dream ... to become a MathSoc Exec!), Greg Taylor (She took sage advice).

A big thank-you to Marion at Graphic Services, as always.

Chadwick Severn (Spice commodities are peaking)

gradNEWS

Wow. These past couple of weeks have been busy. We've done grad photos (come see us if you still haven't had yours done,) a class photo and a major cleaning of the office. The coming weeks are pretty quiet with midterms and such though. But plans are still afoot for the rest of the summer. So here goes.

1. We're having a Faculty/Grad Baseball and BBQ (we hope) July 16 (rain date, July 23). In order for this to be a go, we need a guaranteed team though. Let us know if you will definitely be coming or not. Want more details, talk to our social director Rachel (not-related) Wainwright (that's rawainwr).
2. We were thinking an "End of our second last set of midterms" party would be cool sometime around the end of June or beginning of July would be good. All opinions on this one welcome.
3. Some people have been asking about ring sales. From the looks of it, we won't be doing an actual table setup this summer, at least not for the rings with stones or the crest on them. Those are done through the UW Store and they will be coming to the Math building September 30, October 1, 2, Feb 3, 4, 5. When they do come to the building we get a 10% discount on the rings. As for the simple gold and silver bands, we're looking into that still. Want more info? Mail us or come talk to us.
4. The mailing list is still going so if you're not on it and want to be, mail mgc@undergrad.math saying you want to be on the list.
5. Watch for the web page returing soon with all the latest. The URL is on the MGC office (MC 3029) door.

Stay tuned for our next episode in two weeks when the chair will save the world from a domineering megalomaniacal EngSoc.

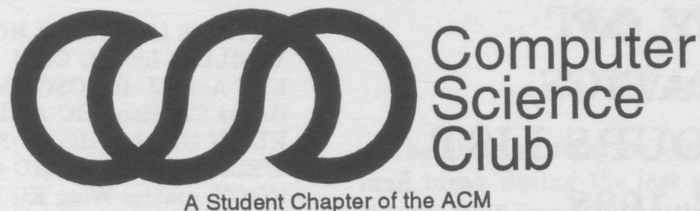
Amy Green, MGC Chair
Math Grad Committee 1999
MGC 99 - Prime Time

Hey!
What the hell happened
to the newsprint?

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Back to editing mathNEWS the old-fashioned way: Chadwick Severn



Greetings, humans, to an extra-long installment of the CSC Flash! It is once again the Spring Term of 1998 at the University of Waterloo, and if memory serves, the executive and sundry positions at the Computer Science Club (that marvellous collection minions, each one specially chosen to serve ME!) are:

Position	Name	You might call them ...
President	roconnor	Russell O'Connor
Vice-president	trwcolem	Tim Coleman
Treasurer	knzarysk	Karl Zaryski
Secretary	(bwinton)	(Blake Winton)
Sysadmin	wbiggs	Billy Biggs
Libraria	snaidu	Suresh Naidu
Flasher	pechrysl	Paul Chrysler
Office Manager	dccarles	Devin Carless
WWWW	trwcolem	Tim Coleman

Recently, it has been necessary for bwinton to "voluntarily" leave my service as Secretary for "personal reasons". He can be reached at the Davros Memorial Forced Labour Gulag, recently renamed the Davros Memorial Health and Leisure Spa. If you think you can fill his shoes, make yourself known. Someone has to take minutes at the next executive meeting (June 15th).

This term, the CSC wishes to lay the groundwork for a group of Official Programming Projects. This list of projects includes the notorious "Jomic", a Java form of the game of Nomic. If you have a neat idea for a programming project that you think people would have fun with, talk to the executive members of the club about making it an Official Programming Project. CSC terminal preference is given to people working on these projects.

On Tuesday the 26th and Thursday the 28th of May, the first part of the CSC's Unix tutorials went swimmingly. The second

Unix tutorials, held just recently, also went swimmingly.

On Thursday the 28th of May, the sysadmin held the first Systems Committee meeting, the results of which will be declassified any moment now.

On Monday the 1st of June, the Vice-president held the first Programme Committee meeting, the results of which will be declassified any moment now.

Twenty-four people participated in last Saturday's ACM-Style Programming Contest. Contestants were asked to submit solutions to five different problems within 180 minutes. The ten who managed to answer any questions are ranked below, along with the time, in minutes, taken to submit correct solutions.

Name	A	B	C	D	E	Total
Derek Kisman	104	32	146	16	98	396
Donny Cheung		22		86	204	312
Wing Hong Ho		41		167		208
Viet-Trung Luu				161	99	260
Somebody (acm24)		170		126		296
Graeme Kemkes		177		179		356
Jeff Shute		166		192		358
Wai Min Yee				124		124
Wai Ling Yee			172			172
Liam Quinn				182		182

On a final note, the CSC has been receiving complaints via MFCF about IRC 'bots running on calum. Because my minions would rather use my namesake's resources to serve me than to run a bunch of inferior programs, they have decided that all IRC 'bots running on calum will require executive approval.

A kinder, gentler Calum T. Dalek

In a fit of rage, the angry and
mob-like staffers of *mathNEWS*
decided to play
Snakes & Ladders last night.

The authorities
have been notified.

FACULTY OF MATHEMATICS DEAN'S HONOURS LIST WINTER 1998

In recognition of outstanding academic achievement throughout their undergraduate careers the following students did "GRADUATE ON THE DEAN'S HONOURS LIST" at Spring Convocation, May 30, 1998 and will have their names displayed in gold on the walls of the Faculty Colloquium Room (MC 5158).

BABINEAU Denise HC STAT
LIM Woei Chet H AM&CS
BARNES Jordan Douglas HC CSCI
MAK Wing Chit Raymond HC CSCI
BRIDSON Robert Edward H CS&PMATH
MICHAEL Ashraf Ayman HC CSCI
BRUCE Aaron Theodore HC AM/PHYS
PIRIE Carol Louise HC AMATH
CHEN Jason Qiang HC C&O&CS
POMYKALSKI Piotr HC CSCI
COLLENS Daniel Alexander HC CSCI
PUN Christopher M. HC ACT&STAT
EISEN Philip Allan HC AM&C&O
PURBHOO Kevin H PMATH
GRAHAM Robert James HC CS/INF
QUAH June Boon Hong H ACT SCI
HANCOCK Matthew James HC AM&PMTH
RAFMAN Heidi K. H COMP SCI
HUI Kevin Kin-fai HC C&O&CS
RECHSTEINER Paul James HC CSCI
KENG Leslie HC CS/TCHG
SRIVASTAVA Raman HC ACT SCI
KENNEDY Brennan D. HC ACT SCI
TANG Thomas Cheuk Kai HC C&O&CS
KENNEDY David John HC AMATH
VANDENBERG Erick Shawn HC C&O&CS
KWOK Kin Fai H COMP SCI
YONG Alexander H C&O&PMTH
LEE Alex Yuen-To HC CS&PMTH

In recognition of outstanding academic achievement throughout their undergraduate careers the following students did "GRADUATE WITH DISTINCTION" at Spring Convocation, May 30, 1998.

AU Kenneth Wing-Yiu H. ACT SCI
LAU Tin Pui Tess H ACT SCI
BOSTON Michael H COMP SCI
MORTON Jeffrey C. HC C&O&PMTH
BRAY Chantal HC ACT SCI
MURTAZA Afan HC CSCI
CAMPBELL Donald Orison H AM/PHYS
NEIL Christopher James HC CS/TCHG
CASTELLANI Mark Anthony HC MTH/TCHG
OJANPERA Dawn HC CSCI
CHOW Chadwick HC CSCI
PALMER Michael Allan Lloyd HC ACT SCI
DUNNE Declan HC OP RES
PATON Tamara H M/BA (E)
ENGEL Trudy Suzanne HC ACT SCI
SACKS Bryan HC CS/INF
FUCHIGAMI Albert HC CS/EL E
THORSLEY Michael Daniel H AM/PHYS
GOLL Jonathan T. HC ACT SCI
TSANG Randolph Kinman H C&O
GORDON Paul Donald HC C&O&STAT
VANDEREEMS Kathy Ann HC CS/SWE
GRAHAM Raymond Earle HC CSCI
VANKERK Nicoline H MATH(ID)

HAYDEN Linda Diane HC ACT SCI
VASILIAN Ion HC CSCI
KIM Andy J. HC CSCI WAI
Hanny Chi-Hang HC ACT&STAT
KLEIN David J. HC CS/SWE
WELDON Shona M. HC C&O&CS
KOCK Ambles Wing Kit HC C&O&CS
WINDCLIFF Heath Ashton H AM/PHYS
KRAVCHUK Irene H M/BA(IN)
WONG Tak Yin Vincent H COMP SCI
LAM Iris Sze Man HC CS/EL E

In recognition of outstanding academic achievement during the Winter 1998 term, the following students qualified for the Dean's Honours List.

ARCHIBALD Andrew
BANDURA Scott A.
BARNES Jordan Douglas
BENOVICH Michael Joseph
BILSON Richard Charles
BRIDSON Robert Edward
BROWN Michael Kenneth
BROWN Michael Stephen
BRUCE Aaron Theodore
BUCK Karen Denise
CAUTIS Sabin
CHAN Wing Ki
CHAU Chor Wing Karen
CHEN Jason Qiang
CHUNG Steve
COLLENS Daniel Alexander
COTTON Cecilia
DEBONI Neil Craig
DUBASH Neville
DYCK Shondra Katrina
EISEN Philip Allan
FINE Brenda Anne
FOK Alan Chi Lun
FREY Cheryl Ann
FUNG Brahmnes
GARNIER Matthew Anthony
GERSPACHER Brian
GOODFELLOW Jamie Gerald
GRAHAM Robert James
GUENDELMAN Eran
HARITON Nicolas N. C.
HERLING Daniel
HINEK Michael Jason
HO Clinton Hung Kwan
HO Ryan Yin-Kei
HO Tracy Lai Kei
HUEN Sammy
HUNTER Jodie
JACKSON Mark James Gerard
JAMIESON William Trevor
KAMNITZER Joel
KENG Leslie
KENNEDY Brennan D.
KER Alyssa
KFIR Sahar
KISMAN Derek Ian Edwin
KIZUNOV Sergey
KOS Ondrej
LACROIX Michael Andrew
LAI Thomas
LAIT Jeffrey Michael
LAM Melissa Isdelle
LAM Wing Young
LATOURE Frederic
LAU Sandra Wing San
LE Anatole
LEE-POY Robert

continued from page 4

LEUNG Sylvia See-Wai
 LEWIS R. William
 LIM Yew Jin
 LISI Samuel Thomas
 LO Chi Chiu Paul Andrew
 LOU Meng
 LUK Lesley Bridget
 MAK Wing Chit Raymond
 MAN Curtis Cheng-Cheng
 MASON Jeffrey David
 MC ILROY Trevor Ryan
 MCCURDY Peter Charles
 MCPHERSON Drew William
 MUI Kar Wai Joyce
 NG Lip Kian
 NING Daisy Hiu Mei
 NORVILLE Claire Monique
 PHAM Lan Nhu
 POMYKALSKI Piotr
 PUN Christopher M.
 RAJWANI Amal
 RAMACHANDRAN Siddharth
 RECHSTEINER Paul James
 RICKEY Brendan
 RUSSELL Elizabeth
 SCHELLENBERG Laura Jane
 SHAW Adrian Edward
 SLOOT Steven Paul
 STANGE Katherine Elisabeth
 TANG James Man Fai
 TANG Thomas Cheuk Kai
 THE Dennis
 THIESSEN Geoffrey David
 THOMSON Kevin Andrew Taylor
 THORNE Matthew Edward
 TINGLEY Peter William
 TOCHIP Ramon Jr.
 VAN ATTER Michael John
 VANDERBURGH Ian William T.
 VARY Jason Andrew
 WAISER Robert B.
 WAN Alienne
 WANG Hui Jenny
 WEI Jing Yu
 WHYTE James
 YAZDANI Soroosh
 YEE Wai Ling
 YEE Wai Min
 YONG Alexander
 YOON Kook-Young David
 YUAN Yuan

In recognition of outstanding academic achievement throughout their undergraduate careers the following students have completed their studies in the Fall 1997 term and did "GRADUATE WITH DISTINCTION" at Spring convocation, May 30, 1998.

AU Gloria W. Y H CA
 HUI Siu Lung H CS/INF
 MAZZUCA Tina H MTH/TCHG
 STICKNEY Laura L. H MTH/TCHG
 TRAN Phat Hong H CS/EL E
 WITZEL Donald G MTH/3

In recognition of outstanding academic achievement during the Fall 1997 term, the following students have been added retroactively to the Dean's Honours List.

CHESTER Krista Teresa
 LALANI Asheef
 VELLE Mark A.

The Answer Is:

A Half Million Dollars!

The question must be then, what did the Math Endowment fund break during the last year. With contributions from the Winter 1998 term, the Mathematics Endowment Fund's principal balance exceeded \$544 000! That's a growth of over \$152 000 from last year at this time. This great growth will help fund more great projects for undergraduate math students during this next year. In total MEF has approximately \$72 000 dollars to spend on projects for the next three terms thanks to surplus funds, and good income generates off the fund itself.

Last year MEF funded the following projects: Statistics Packages' Lab Manuals for undergrads, \$3608.00; MFCF WindowsNT Xterm Servers, \$11 387.07; Applied Math Graphics Demonstration equipment, \$3680; and Department of Computer Science CS130/134 Course Content Servers, \$2458.

This term MEF can spend up to \$25 000 on projects for undergraduate math students, and is accepting requests for Funding for the Spring 1998 Term. The deadline for Spring proposals is Tuesday, June 23rd, 1998. To access these funds, individuals and organizations need to submit a request for funding to the MEF funding council. Requests for Funding Guidelines can be downloaded from the Internet or acquired from the MEF office door, room MC4046. If you're looking for our office, walk down the south hallway on the fourth floor and look for our brand new sign!

Visit <http://www.undergrad.math.uwaterloo.ca/~mefcom> to learn more about the Mathematics Endowment Fund (MEF).

Jeremy Scheffel,
 MEF Director, Spring 1998

Canada Day

Every year U(W) sponsors a Canada Day celebration at Columbia Lake. This is a way of giving back to the community, and thank them for putting up with students. (We aren't always the best neighbours.)

If you want to help out, we need lots of volunteers. We need people to run the kids events, help with concessions, security ... If any of these interest you, and you want to be involved you have 3 choices:

1. Email Shannon at smwillis@artsmail, who is one of the lovely volunteer co-ordinators.
2. Email me at xaaburto@undergrad.math. While I'm not as lovely, I'm still fun ... Hey, my mom says I'm cool.
3. Sign up on the MathSoc door.

There will be a meeting for volunteers on June 23rd at 4pm, but the location is not definite yet.

Why should you volunteer? First of all, there's the warm feeling you get inside. That's not enough? Ok, you also get a T-shirt, free food, a goodie bag (No, I don't know what's in it, you have to volunteer to find out) and in the past there's been a party for the volunteers afterwards. So it's a good deal and a lot of fun. You still need more? Put it on your resume; employers love stuff like that.

If you want to know more, please email me.

Xavier "Volunteer!!!" Aburto

profQUOTES

"On the midterm if you say 'the limit of the sequence converges to zero, therefore the series converges' that's minus a billion."

Lewis, MATH 138

"How would you prove this result ... it is probably two sentences ... or one longer sentence."

Kolkiewicz, MATH 136

"How would you calculate this ... how about using the theorem on the board ... am I standing in front of it, is that the problem?"

Lewis, MATH 138

"It's illegal, it's dreadful, it's worse than jaywalking."

Jackson, C&O 230

"Substring 011 might be what crap turns into."

Irving, C&O 230

"Seigel is stealing my thunder ... Prof Seigel is a big guy but I think I could take him. I won't try to outweigh him but if I get him inside ... (punching motions)"

Irving, C&O 230

"[after being corrected by a student] The book said that? That's stupid ... well, I got that wrong on the test."

Haller, CS 240

"Maybe the parent realizes this error is fatal, let's just kill the child."

Kates, CS 342

"Is this argument totally boring? Hopefully."

Tunçel, C&O 350

"Does that make sense now? It should make sense. Please."

Tunçel, C&O 350

"He basically put the brain in a little 'MixMaster'."

Corning, PSYCH 101

"When you're bored and not stimulated the Alpha waves are much larger. You can feel it in this room!"

Corning, PSYCH 101

"[cell phone rings] Could someone get that, it might be my broker."

Corning, PSYCH 101

"Because an alternate midterm will double my work, it will be the meanest, ugliest, nastiest midterm in history. ... no I'm not kidding."

Grove, CS 338

"If I ask you to do something ridiculous, odds are the answer is either 1 or 0."

Haller, CS 240

"You get antsy, you can't stand the feel of clothes on yourself ... don't get dirty on me!"

Corning, PSYCH 101

"... check your book of MATH 138 or something, if it's not in there tear that book up."

Chang, STAT 231

"... the task will check periodically and see 'Oh, look, someone is requesting my death. So I'll be a nice fellow, since this is my boss I'll commit suicide'."

Kates, CS 342

"In $\mu C++$ there's a general abort command where everybody dies; it's mass suicide."

Kates, CS 342

"There are two steps left until I'm getting satisfaction from this matrix."

Nica, MATH 136

"I am scared of showing you how I store systems because you are catching all my errors."

Nica, MATH 136

"What does this series do?"

"Converges?"

"Damn right it converges!"

D'Alessio, MATH 138

ultraCLASSIFIEDS

To: He that it was said to

The best break-up line we have ever heard. "I think I'm asexual." Sorry, we had to put it on paper.

They who are friends.

To: Squeaky

Slap some oil on that joint, man!

Concerned fellow

To: MathSoc Exec

I hereby refuse to wear the MathSoc mascot costume "The Big Pink Enchilada" during Frosh Week. I'm not your puppet anymore.

Skip

mathNEWS Late-Breaking Update

Bride of Democracy

Minneapolis, MN (mNFP): Dave Weilnick is ready to get married. He has the rings, the minister, the musicians, and a reception all arranged.

The only thing he's missing is the bride.

Weilnick, 28, got tired of the question, "So when are you going to get married?" and started answering it, "June 13th, 1998." Though he meant it as a joke, over time it became serious, and he now fully intends to go through with the wedding.

But who is going to be the bride? Nobody knows yet. There is a nominating committee and several candidates; most are people Weilnick knows, but there are a few he has yet to meet face-to-face. The potential brides have been invited to a "bridal candidate mixer" to take place the day of the ceremony, where the groom's friends will screen the candidates. Then there will be a vote, and Weilnick will marry the winner.

Now imagine running the MathSoc elections that way.

I Thought She Looked Older that 13 ...

Erie, PA (mNFP): 20-year-old Michelle McFarland, a waitress, felt sorry for the patron she thought was a retarded 13-year-old girl, and took her home to sleep on the couch for the night.

Now she wants to see this person "locked up and put away for good."

Why? Because the "13-year-old girl" was actually a 31-year-old man.

The man, Daniel Mundaniol II, is accused of misdemeanor stalking, theft, and felony trespassing, and faces up to 13 years in prison.

He allegedly started the ruse by calling the restaurant where McFarland worked and identifying himself in a high-pitched voice as the girl's mother. He asked McFarland if the girl, "Judy Cooper," could stay with her that night. McFarland refused, but relented after the "girl" followed her out of the restaurant at the end of her shift the next day.

Surprisingly, Mundaniol is a regular patron at the restaurant where McFarland works, and yet neither she, nor any other staff member of the restaurant, recognized him in his role.

Perhaps Hollywood should consider Mundaniol for a remake of *The Crying Game*.

Nolo Contendre, Eat Your Heart Out

Independence, VA (mNFP): Despite trumpeting his innocence, Louis Ceparano pled guilty May 29th to the charge of capital murder, murder punishable by death, because he felt that the prosecutors had enough evidence to convict him. He was sentenced to life in prison.

Ceparano was implicated in the death of black handyman Garrett P. Johnson, who was burned alive and then beheaded last July 25th.

Ceparano pled guilty under the so-called Alford plea, which allows an individual to plead guilty *but not admit that he or she committed the crime*.

"I pleaded guilty," said Ceparano, "because G. P. was my

friend. I didn't do it. I was afraid the evidence brought before me was strong enough. If I was found guilty, I was trying to avoid being put to death."

So this man would rather face life in prison and falsely plead guilty than literally risk his life in a trial? Sounds like capital punishment is turning out to be an effective deterrent: a deterrent to justice.

Pssst ... Buddy, Wanna Buy a Hoofed Mammal?

Washington, DC (mNFP): The US Customs Service, after a three-year undercover operation, have broken up a major exotic wildlife smuggling operation.

Among the animals recovered were hundreds of rare parrots and monkeys, a Mexican lynx, and a mountain lion.

Bonni Tishler, assistant Customs commissioner, said, "Pound for pound, there is more profit for smugglers in exotic birds than there is in cocaine."

Funny, but I thought that illegally smuggled goods were supposed to be for doing *lines*, not doing *lions*.

Mike "Hammer" Hammond
West Coast Correspondent
B. C. mathNEWS Hall

Argo Games Blacked Out To Stadium Crowd

Facing smaller crowds during Toronto Argonaut games, the administration of the Canadian Football League team announced yesterday that not only will the games be blacked out on television, but also for fans attending the game.

The practice of blacking out football games on television is nothing new in the United States, where the Buffalo Bills are a frequent participant. The heads of the NFL feel that this is the only way to stifle diminishing crowds at football games.

"If fans don't get to see the game on their favourite cable channel, then they're more likely to buy tickets to attend the games," explained George Talleybaum, a representative for the NFL.

The CFL decided to take the blackout policy one step further, and will also erect a large black tent over the playing field on games where the crowds are at less than 75% capacity. Charlie Johnson, spokesperson for the CFL says that this will encourage more people to bring their friends and loved-ones to the games, in the hopes that they'll be able to break the 75% visibility barrier.

"They'll still be able to taste the excitement, hear the grunts, smell the hotdogs, and touch the cheerleaders," noted Johnson. "They just won't be able to see the game unless we get the crowds we need in order to make some substantial money."

Critics say that this new blackout policy may backfire. While the original television-only blackout method used the "Supply and Demand" axiom, the new one uses the completely different "Now you see it, now you don't" adage. Many agree though that this plan is much better than the CFL's 1996 "Shooting footballs in a barrel" approach.

Chadwick Severn (Who forgot to put that in the Numb)

Life in the Slow Lane

I'm Baaaaaaack!!

Hello once again, my dear mathies!! How are we today? I hope everything is going fine. Hopefully midterms haven't totally destroyed your will to live so far ...

Let's see what examples of stupidity we can observe today in the void known as the "outside world:"

- So the uproar continues over the Pakistan/India nuclear testings done recently. What amazes me the most about this whole issue is the shots I see on the TV and in the newspapers of residents of those two countries celebrating in the streets, throwing massive parties, and having huge rallies to show off their military might. So what they're saying is, "Alright!! We have the power to kill off millions of innocent people! Let's party!!!" (Okay, so that may be a little exaggerated. Maybe.) The point is, I think the people living in these countries shouldn't be puffing their collective chests and showing off their nationalistic pride over such a chilling thought as becoming a nuclear power. Most of those same people are barely treading water in terms of poverty, a problem that wouldn't be there (or at least it would be very much diminished) if those countries had redirected the funds they invested in their nuclear programs, into providing food and jobs for their own people. Call me crazy, but I am certainly not celebrating. (Nice to see that Bill Clinton continues to be a big, fat hypocrite. At least some things never change.)
- I don't understand why our wonderful Prime Minister continues to drag his feet about the Hepatitis C issue. I'm sorry, Mr. Chretien, but perhaps you should be looking past the bottom line for once, and realize that the needs of the people you serve should come first. Perhaps it's time to

drop the whole 1986-1990 crap, and help out the other people that contracted the disease through tainted blood. This also applied to all the provinces as well. It's one thing to say that the federal government should extend its support packages, but this is also your problem, so you better chip in your fair share as well. This goes double for you, Mike Harris. I know you already said you'd chip in extra money; I'm waiting for you to back it up. If you get the feeling that I don't trust you, Mr. Harris, you're a pretty perceptive guy.

- Well, Toronto Mayor (and king of the cheesy commercials) Mel Lastman has made news once again; he, in his infinite wisdom and power, has decided to take action in one of the most troubling and controversial issues to cross his desk, and write to Geri Haliwell (the "artist" formerly known as Ginger Spice) to attempt to convince her to reconcile with the Spice Girls. Way to go, Mel. Nice to see you're trying to get the minority vote—or at least the 11-year-old-screaming-female vote. Must be one hell of a boring job, being the mayor of a megacity, to be able to spend your precious time trying to save an overwhelmingly, but severely undertalented, superstar group like the Spice Girls. Gee, it can't have anything to do with the upcoming Spice Girls concert at the SkyDome in July, can it? Hmmmm ... naaaaaah. Couldn't be. (By the way, there's been no response from the Haliwell camp. And you know who's going to make her change her mind? That's right; NOOOOOBODY.)

Until we meet again, remember: "Parting is such sweet sorrow—or at least that's what you want your relatives to think."

Chris "Mr. Subliminal<Just call me the Anti-Spice>" McGuire

A	C	T	O	R		M	U	T	T		B	E	L	A
S	H	O	T	S		A	S	I	A		A	R	I	D
H	E	A	R	T	B	R	E	A	K		R	I	T	E
E	S	S	O		A	I	R		E	I	R	E		
S	S	T		M	L	A		L	O	N	E			
				N	I	L		D	I	F		N	O	D
	A	P	E	X			T	I	F	F			P	O
A	C	I	D				H	A	T			W	A	D
S	N	L			C	O	N	S			K	I	L	O
P	E	L	T		A	L	A		M	I	T			
				W	A	N	E		C	I	A		E	S
				B	E	A	U		E	O	N		E	V
I	R	O	N			C	O	M	M	I	T	M	E	N
B	E	R	T			K	A	M	E			R	I	N
M	A	N	Y			S	T	A	T			O	T	T

gridCOMMENTS

Well ... me thinks I made the last gridWORD too easy. 11 submissions! Yep, count 'em ... 11. They were from: Blue, Royal Recreational Lemming Society of Canada, Margaret Milne, Mark Haworth: Poster Boy, Gina Brown & Anish Ghosh, Sko "The Starting Shortstop" & Lisa, Claire Bilodeau, Peter Kocsis, Shaft & Johnny Blaze, Geoff Dinnes and X-Man.

And they're all perfect. Which means I had to hold a random drawing to see who'd get this issue's prize. I feel like I'm cheating 10 other entrants but only one can get consideration. And that person is ... Blue! Stop by the MathSoc office and pick up some prize that should be waiting for you.

Well, this week's grid is a bit different. Instead of the usual 15x15, I've made this one 17x17. Hopefully more of a challenge this time. I've tried to make the clues a little harder.

Submissions are due by Monday, June 22nd at 6:30pm either in the BLACK BOX or email mathnews@undergrad.math. Good luck!

Latrell "GridBoy" Fox

Quantum Loop

Sham tossed the dart at the board at the same time as Hal Calalilli appeared. The dart flew through Hal's head to land on double 10. Hal blinked. "Want to watch where you're tossing those things?"

"Hal!" Sham shouted. "Finally - please tell me you have some sort of new information."

"Well, no quick sort," Hal admitted. "We're still checking into these private operators on campus."

"It's June 12th. I think I felt my brain going numb last week."

"Well, all we've had to go on is your identifier code: 333,333, 331. Plus the other professor's confirmed identity, Rick Ursion."

Sham shrugged. "Well, as I said, he began making declarations when I observed it was that number in his sequence that was divisible by 17. Then for a switch he gave me that case."

Hal nodded, absentmindedly leaning over to put his head through the referenced briefcase. "And you don't know why he'd give you schematics for the math building?"

"None. With all the red marks, maybe they're trying to blow it up ... I really need more information!"

Hal tapped his calculator. "BigE says the building is still here in the Fall."

"Very funny, Hal."

Hal continued tapping. "Here's something though - a new objective! The secret society may not be why you're here. There's some kid named Chip D. Ip in your class, who's under ten."

"TEN? I don't recall anyone so young ..."

"Tension," Hal corrected, slapping his link. "He's under tension. Stress. According to BigE, he's going to fail your midterm, lose hope, sink into depression, drop out, and end up bottling soft drinks in a C-Plus Plus Factory ..."

"From a MIDTERM?"

"... but he's going to be coming to your office, so you can monitor his condition, make sure it won't become terminal."

"The midterm is not that hard, Hal."

"Maybe Chip's paranoid. There are time constraints too. Just give him some memory pointers."

Sham nodded. "Of course I will - but I have a feeling that our main process still involves Professor Ursion's group."

"BigE hasn't picked up any major problems though, so whatever they're going to do either won't work or be will be very subtle ... maybe poisoning the water or something?"

"Hal, have you tasted some of the water already in the area?"

"I'm a hologram," Hal reminded. "I can't touch anything in your time." A knock at the door interrupted the conversation, along with the sound of a big 'OH!'. "That would be Chip," Hal commented out loud. "Good luck."

Outside, in the shadows of a larch tree, two figures spoke quietly.

"You sure Cal can come up with a plan of attack? You said he looked odd."

"He's not stringing us along. He'll come up with a method."

"Still, next time test him with the friendly numbers password. We can't afford any error."

"He knows the drill," Rick Ursion assured. "We'll find a way to fix the building's computer labs once and for all ..."

Will Sham pass the new password? Just what are these people plotting? Check back next time...

Greg "hologrami" Taylor

Wendy's Frosties, Strawberries, and Golden Stones

The hardest to learn was the least complicated

This past weekend, I attended one of the infamous FOC orientation sessions. This little 9 hour session covered everything I needed to know to become a frosh leader. The unfortunate thing is that it now seems that I may not get to be a frosh leader at all.

Still, I had an awesome experience. Here's why. One of the activities the organizers ran was to hand out five pieces of paper and ask us to write down five things which describe or define us. Naturally I took the longest, being indecisive and introspective and generally taking a simple game very seriously.

Anyway, then they came around with a bag and you had to throw out one of your pieces of paper. After much debate and thought, I departed with one of the things, satisfied because it wasn't all that important to me. But the other four things were, and so, when they asked us to throw out another piece of paper, I refused. But they insisted, and counted down from ten, and then told me I had to pick one. So I put my hand over the bag, and let go of all my papers. And then I looked away hoping no one noticed.

But someone did. "Hey! He threw out all his papers!" The organizer stopped. "Why'd you do that?" she asked. I replied, "Because each one of those things is a part of me, and if you take one away, then what's left is not going to be me ... so if you're forcing me to give up one, you might as well take them all."

The more I thought about it, the happier I was. Everyone else was like, "What a freak. It's just a game." Sure. I know it was. But it made me think. By taking it sort of seriously, I got to figure out what was really important to me. So I wrote down in a book what I had written on the papers (since they were now hopelessly jumbled in the bag,) and still, the more I thought about it, the more sense it made.

For the first time in a long time, I felt complete about myself again. I knew what I was about, and what was important to me. It's easy to forget what's important to you when there's all kinds of crazy things that get in the way every day. But finally, I felt confident again. Confident that I would make smart choices, happy with who I was, proud of the things I've done. It sure beats being depressed or afraid.

The next day, I woke up, still in the wake of my awesome day before, but having dreamed of many things which were not perfect or complete. I realized that there were some things still not right, that needed fixing. So I started fixing them. And there are some things I'm still fixing.

I used to have a real problem accepting compliments about who I am. People would say, "Jesse is so —," and I'd be like "ya ... ya ... whatever," never really believing it. I'd dismiss nice things people said with silly destructive phrases like "that's all hearsay" or "it's all lies and propaganda." Or I'd pretend to accept their praise with a smile and a thank-you while in my head I'd be thinking "that's a load of trash." But now I've realized that some people really mean it when they say good things about someone else. It's just a question of recognizing those people and those comments.

The other day I was sitting in Harvey's with a group of people I didn't know too well, and the whole time they sat there and

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Spermatikos Logos #2

It seems that last week's puzzle was too easy, so we're going to attempt to challenge you this week. We received 12 submissions, 10 of which were correct. Thank you to Greg "hologrami" Taylor, Claire Bilodeaux, Darren Prevost, Dawn Tarzwell, Tyler Barnister, Tara Shillington, Erin O'Callahan, Ryan Waddell, Beth Wood and The Royal Recreational Lemming Society of Canada for their correct answers. Special thanks to Andrew Lechner and Viann Chan for their submissions. By random selection, the winner is Tara Shillington; please come by the Math-Soc office to receive your prize.

*Last Issue's Solution
(in order of play)*

Fiona Nichols, 115 pts, yellow chips
Amy Patterson, 125 pts, blue chips
Dave Lincoln, 105 pts, orange chips
Calvin Orville, 110 pts, green chips
Beth Kennedy, 140 pts, red chips
Edmund McGinty, 160 pts, purple chips.

This Issue's Problem

After playing tiddlywinks, Amy and Beth played in a Euchre tournament. They played well and made it to the finals where they were paired up against two students from the University of Guelph. When this last hand was dealt the score was 9-8 in favour of our duo. Can you figure out which position they sat in, what cards they started playing with and which pair won? All cards will be stated rank first (AKQJT9) and suit second (S,H,D,C).

1. The four players are: Amy (who does not have the AD), the person with the QS and the JS, the person with the QD, and the person who played north.
2. When the opening lead of the KC is made, everyone follows suit. Then West leads.
3. West has four black cards.
4. After the bouer was picked up, the kitty had 2 red and 2 black cards (three of which are nines), and no trump. The dealer's lowest card then became a Queen. The dealer was not ordered up.
5. South has no queens, Krista has no kings.
6. James is sitting to the left of the person with two aces, and to the right of the person with the king and ten of trump.
7. One round was: QS, AS, 9H, KS.
8. Dealer and dealer's partner have two pairs. Both have at least one ace.
9. Neither Amy nor West dealt or opened.
10. Beth and East were both dealt two clubs, and won one trick each.
11. Three of the players are void in one suit each.

12. The ace of trump was directly overtaken by a bouer.
13. Another round was: JS, JH, 10D, 10H. This trick was won by the person to the left of Krista.
14. East has a five card straight.
15. There are only 3 diamonds in play.
16. The East-West pair hold only the left bauer and the lowest trump.

We're both new at making logic problems so if you have questions or comments email us: Andrea Knowles (aknowles@cartsmail.uwaterloo.ca) and Gigi Garbett (gngarbett@cartsmail.uwaterloo.ca).

Gigi Garbett & Andrea Knowles

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carved each other up. And I thought, yahoo, that's fun and all, but it's so much cooler when people actually tell you what they're really feeling, especially when the stuff is positive. It creates this intense, fulfilling, downright awesome feeling, instead of a pointless, childish and often destructive contest of who can come up with the most clever insult.

Another thing I had to fix was this friend who was no longer talking to me. According to some, "I went nuts" when this someone I really care about didn't return any of my calls, even my desperation I'm-staying-up-all-night-until-she-calls-so-please-tell-her-to-call phone call. It turns out her mother was not really relaying my messages, and plus this person was really busy. So all that worry and lack of sleep was for nothing.

While I was in my tense, stressed-out phase, I was sitting on a roof in the wind, just to admire the sunset and trying to relax. As the sun sank, it was surrounded and swallowed by a small grove of trees in the distance. And the grove was just the right thickness that the swaying branches in front of the bright sun seemed to be on fire; so much so that if I hadn't seen the sun setting, I would have sworn I was watching a tree that was on fire without burning. I watched until the last flames died out, smiling incredulously at just how amazing the world seems to me.

A friend asked me the other day what I would say if everyone in the world could listen and understand what I mean, and my phrase was "Love each other, and make peace; for life is magic." It's such an incredible adventure, the ultimate roller-coaster ride, without all the Disney commercialism.

Jesse Bergman

Sorry, one last note. I've realized that some people have the impression that I think that I'm better than them or that I'm trying to tell others how to live. I don't think I'm better than anyone, not even the Engineers, and I can think of many people who I look up to as having qualities I admire and hope to acquire. And I don't want anyone to think I know how to live life the best; I'm just sharing my view of it, in the hope that others draw some sort of meaning from my experiences; I definitely still have a lot to learn still about life, just as much as everyone else.

mathNEWSquiz #3

Hey, you! That's right! I'm talking to YOU!

Hello, you wild and crazy guys (where "guys" is defined generically)! How's the term been treating you? That bad, huh? At least something positive happened this week; I managed to get 6 solutions this time. Oh well, what can you do? Anyhow, here are the solutions to the last Squiz: **Music Lyrics:** 1) "Total Eclipse of the Heart," Bonnie Tyler; 2) "Falling in Love (Is Hard on the Knees)," Aerosmith; 3) "Naked Eye," Luscious Jackson; 4) "Mouth," Merrill Bainbridge; the theme was body part songs.

Israel: 1) May 14, 1948; 2) David Ben-Gurion; 3) Yom Kippur War; 4) Jerusalem; 5) Black September.

Children's Books: 1) *Mary Poppins*; 2) *Peter Pan*; 3) *The Wind in the Willows*; 4) *Curious George*; 5) *The Jungle Book*.

South Park: I don't really have to go into the full list, do I? However, the answers that were sent to me included Barbara Streisand, Bob Saget, Sidney Poitier, Elton John, Patrick Duffy, Kathie Lee Gifford, Sally Struthers, Jay Leno, Saddam Hussein, etc. However, I did not count Robert Smith, since he played himself, and thus was NOT badly impersonated.

Oh, and by the way, there was a typo in Question 4 under the Israel section: The Arabs refer to Jerusalem as "Al-Quds," not "Al-Juds." I apologize for any confusion this may have caused.

So here are those brave souls who submitted solutions, and their point count: Geoff Dines scored 3 points; X-Man showed up with a 6 count; Elrond managed to score a nice 13; both last week's champ, Jason Smulevitch, and The Royal Recreational Lemming Society of Canada came heartbreakingly close with a 19 count; and finally, this week's winner, with the first perfect score of the term, is **Claire Bilodeau!!** Congratulations, Claire! Your prize can be picked up in the MathSoc office.

And, once again, it's time to play the Squiz!!

Music Lyrics

1 point for identifying the song and artist, and 1 point for the overall theme

1. "You're playing so cool
Obeying every rule
Dig way down in your heart
You're yearning, burning for some"
2. "I ain't afraid of no ghost
I hear it likes the girls
I ain't afraid of no ghost
Yeah yeah yeah yeah"
3. "Through the hourglass I saw you
In time you slipped away
When the mirror crashed I called you
And turned to hear you say
If only for today
I am unafraid"
4. "Bittersweet memories
That is all I'm taking with me
So goodbye, please don't cry
We both know I'm not what you, you need"

Comic Strips

1. In the comic strip *Garfield*, who is the world's cutest kitten?

2. Who is Blondie's husband? (First and last name, please.)
3. Who is Linus and Lucy Van Pelt's baby brother?
4. In *Calvin & Hobbes*, what is the name of the anti-girls club Calvin and Hobbes form? (Bouns if you can tell me what the name stands for.)
5. What is the name of Matt Groening's comic strip?

WrestleMania History

1. The latest WrestleMania was WrestleMania XIV earlier this year. What city was it held in?
2. What WrestleMania was held at the SkyDome in Toronto? (Specify the number as your answer.)
3. What was the main event at that WrestleMania?
4. What WrestleMania took place in 3 seperate arenas?
5. Trump Plaza in Atlantic City hosted which two consecutive WrestleManias?

Board Games

1. Name all of the characters in the game *Clue*.
2. How many additional armies does one get by conquering all of South America, in the game *Risk*?
3. Name any 3 of the characters in the game *Nightmare*. (Bonus if you can give me the name of the "host" of the original game—not the sequels.)
4. What children's board game is basically a cross between *Trivial Pursuit* and *Snakes & Ladders*?
5. In *Balderdash*, how many spaces does the "dasher" move should no other player actually vote for the correct definition?

Good luck, everyone. Your submissions will be due on Monday, June 22, by 6:30 p.m. Remember that you can drop your solutions into the BLACK BOX, or you can e-mail them to me at cjm McGuire@undergrad.math. Until next time, good luck, and don't let the midterms get you down. Remember—how bad can it be? (Don't answer—I really don't want to know.)

Chris "The Subliminal Squizmaster" McGuire

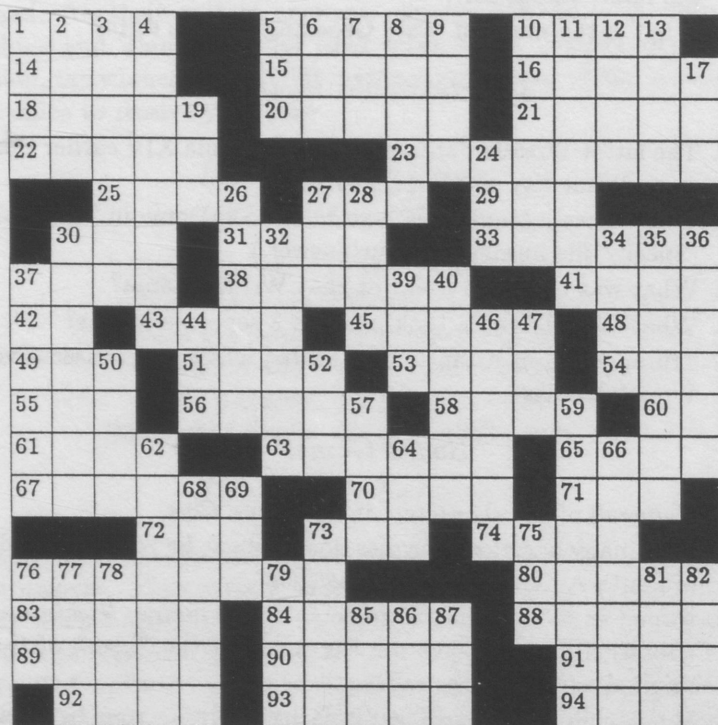
A Letter For Peter Lizak

Peter,

Please, don't leave *mathNEWS*. I, and the entire population of Toronto would be devastated if you did not stay with *mathNEWS*, which I read on a regular basis. Just stop and think of the 11-year-olds girls, Peter. They need a role model. And you are that role model. Please reconsider your decision on leaving *mathNEWS*.

Sincerely,
Mel Lastman
Mayor of Toronto

GRIDWORD



Grid Clues

Across

1. Off lead-in
5. Brute
10. Concert hall
14. Same in Latin
15. Bodily fluid
16. Fraudulent
18. Presidential loser
20. Type of card
21. Monk
22. Soil
23. Tom —
25. Attention getter
27. Make an effort
29. Pest lead-in
30. Consumed
31. Section
33. Fixed
37. Addict
38. Tom —
41. Goes with tooth
42. Sudbury product (abbr.)
43. Group
45. Excited with joy
48. Sport stat.
49. Spenser heroine
51. Noisy
53. Another, in Spain
54. Male or female
55. Chair action
56. Peel
58. Vandals
60. NE state
61. TV deputy

63. Harry and Fraser
65. Knot in wood
67. Count upon
70. See 22 Across
71. Slippery critter
72. Seven in the old days
73. Compass direction
74. Balkan type
76. Tom —
80. Similar to 51 Across
83. Knowing
84. Orderly collection
88. Part of a ship
89. Produce
90. Brine
91. Flaps
92. Singer Vallee
93. Quantity of hair
94. Jog

Down

1. Tube
2. Brainstorm
3. To notch
4. Tom —
5. Conjunction
6. Sport stat.
7. It's all around us
8. Wintery
9. Head
10. Neutralize
11. Sam Raimi movie
12. Writer Vittorini
13. PDQ
17. Mathematical term
19. Article
24. Common contraction
26. Sporting event regular?
27. Beverage
28. Really, really like
30. Stupid
32. Bring back
34. Cheers and Archie Bunker's Place
35. Socialist
36. Kind of concoction
37. Hardly touched
39. 70's band
40. To some extent
44. Golfer Ernie
46. Confides in
47. Period of time
50. Over
52. Depart
57. Athletic equipment
59. Tom —
62. Cut off
64. Fib
66. Relating to masses of gas and dust
68. Stolen bases for Tim Lincecum in 1983
69. Excavate
73. Mistake
75. Abate
76. Founder of Babism
77. Jug
78. Sauce maker
79. Direction
81. African language
82. Exam
85. Deplore
86. Donkey
87. Affirmative