

# math NEWS

Volume 68, Issue 2

Friday, June 2, 1995

ELECT



C.S.

STUDENTT

WATERLOO NORTH

Natural Log Party

Authorized by the Campaign to Elect C.S. Studentt

1995-06-02

Danien "Ren" Moly

See inside for details

## mastHEAD

Hopefully the second issue of *mathNEWS* this term will be better than the first. If you're reading this, then chances are things went better than last issue. After all, we *forgot* the mastHEAD last issue. Thanks to all those people who helped out last week.

The following people helped out with this issue, along with the thing they'd most like to do if they had an hour of free time: Poesy "10 O'Clock" Chen (Sleep! I missed my bedtime on the weekend), Stuart "Jean-Guy" Pollock (Work on 666 & PDE's—Man, they're time consuming), Darren "Game Show Addict" Morby (If it's 11 a.m. to noon, watch *The Price is Right*), Kevin "Lord {}" Hartman (Discover the Grand Unified Theory of Everything, or play Death Match Doom—just 'cause.), Viêt-Tâm Luu (Try to decide what to do with an hour of free time, because that's an alien concept to me), Stuart MacDonald (figure out what to say in the mastHEAD because I want to be witty too), Sarah "Grumpy" Kamal (I'd spend my time alone at home crying myself to sleep, trying to figure out why people keep calling me bitter & cynical), Stephen A. Mills (Read Joe's 180 consecutive X-Men back issues), Kael Lizak (Call Sarah bitter & cynical then, when she's not looking, I'd bite myself to see if I taste like any pork products...), Curtis "Coitus" Desjardins (Ask Sarah *AGAIN* why she has a yellow football on her Canada's Wonderland poster), Stephen "Pepper" Johnston (If I had some free time, I'd try and figure out what jobs I applied to this term), Trevor "Dutch" Trodd (Sit down to a nice pasta dinner), and Jon "Feel Good" Cressman (Parachute off the MC into the Bomber).

As usual, thanks to Mega Pizza for the 'za, Marion at Graphic Services, and all those who submitted articles.

Stephen "Pepper" Johnston  
and Stuart "Jean-Guy" Pollock

## We Interrupt This *mathNEWS*

From the "Holy Silken Laumann, Batman!"  
Department

In October, at the Asian Games in Hiroshima, Japan, Song Sung Il won the gold medal for Greco-Roman wrestling in spite of a major health problem. Song competed with a large malignant tumor in his stomach, but took no painkillers on the grounds that he would fail drug testing.

*The Toronto Star*, Sat. May 27, Page H8

Darren "Ren" Morby

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Your Wonderful Editors: Steve Johnston and Stuart Pollock

## Prez Sez

### *Crime in the Math Building*

WATERLOO, Ontario (AP)—When the executive officers of the student organisation commonly known as MathSoc, returned to their office on Wednesday, May 17<sup>th</sup>, at around 4:30 PM, they encountered the unthinkable... an envelope containing important financial records and an unspecified amount of cash had gone missing from the executive office. The University Campus Police were contacted and the investigation of the missing funds began.

As the police continue their search for possible suspects, they encountered a gruesome stumbling block: the existence of numerous copies of the master key to the Math building offices make it impossible to narrow down the list of suspects. The person(s) who have committed this crime must have first obtained access to the executive office, then to a storage cabinet. Since there was no evidence of a search, and nothing else was noticed to have gone missing, the perpetrator must have known the location of the envelope prior to committing the crime.

The implications of this crime are that: (1) the perpetrator(s) had copies of a key clearly marked "Do Not Copy," which implies intent to burgle in and of itself, and (2) perpetrators have deprived Math students of resources this term.

The consequences of this theft may go so far as MathSoc cutting back on services in order to make up for the stolen revenue. This can mean less money going to clubs, even those who have many talks and events each term, less (or no) trips to places like Jays games, Canada's Wonderland, and LaserQuest. Even the price of photocopiers may be increased to make up a little of the shortfall. Any way you look at it, MathSoc's services and activities will be curbed this term.

If anyone has any information regarding the theft, please call the Campus Police at ext. 4911. Remember: you all pay MathSoc fees; stealing from MathSoc is like stealing from yourself.

Poesy Chen, President S95  
and the MathSoc Supercop

## Wade's Word

### *A Word From Your VPAS*

Hey, it's Wade again, YOUR friendly neighbourhood VPAS. I can't think of much to say this week—mainly because I can't THINK right now (I'm running a bit of a cold!). But I would like to think everyone who has already volunteered time to help out MathSoc and to once again encourage the rest of you mathies to come out and get involved. If you, your club or someone you know has an upcoming event or other news relevant to mathies or the university in general, leave me a message in my mailbox at MathSoc. It is my intent to begin writing weekly MathSoc bulletins containing information on upcoming events etc.

For everyone going to Canada's Wonderland with us this Friday (today) I hope you'll have as much fun as I will! (I'll probably be on the Zoom-A-Flume for most of the day!)

Wade Kulenkamp



**Computer  
Science  
Club**

A Student Chapter of the ACM

## CSC Flash

Greetings from the depths of the network, humble flesh creatures. I come once again with news of my beloved Computer Science Club. Since our last encounter, my CSC has held many events, including two Unix tutorials, talks on Kerberos and HTML, and an outing to Johnny Mnemonic (did you spot my cameo appearance?).

### Coming Up

On Monday, 5 June, my CSC will be hosting a talk on Tcl/tk. Come find out what it is, and why it's pronounced so funnily. On 12 June, we will be holding an Introduction to Debugging. All CS students who are not debugging experts are encouraged to attend. On 14 June, Prabhakar Ragde will be speaking on The Web as a cultural phenomenon. Be sure not to miss this one!

### What else does the CSC offer, anyway?

My CSC wishes me to remind you of some of the services they provide. In addition to X terminals that not only don't give you that silly warning about food, you're actually allowed to eat there, the CSC office sports a quite extensive library of CS-related and non-CS-related books. All full members (of which there are currently 322) can get a free account on the CSC's SparcServer, calum, from where you can read certain newsgroups not available to Math undergrads in general.

The CSC also rents out disk quota for the Math undergrad systems, at a price of just \$2.00 per MB (and that's a real MB).

### Where can I find out more?

The CSC has a number of newsgroups, most notably uw.csc, as well as the csc.\* hierarchy, available only on calum. See csc.config for details on how to get your very own newsgroup! Also be sure to check out <http://csclub.uwaterloo.ca/>, the CSC's WWW server.

On some final notes, I would just like to congratulate all of the CSC members who graduated at Convocation last week. Well done, all. I will be spending the next few weeks trying to fully integrate my yacht into cyberspace, so that I can take my customary round-the-world cruises much more often.

The CSC would also like to thank Tim Webster for his generous loan of a Sun IPC to the CSC office. zarbi, as it is called, will serve at the least as a colour X terminal, and perhaps even the floppy drive and speaker can be put to good use.

See you on the fiber,

Calum T. Dalek  
Chairbeing

## lookAHEAD

<b>mathNEWS</b>	
June 12	mathNEWS Production Night #3 Meet at 6:30pm, MathSoc (MC 3038)
June 16	mathNEWS Issue #3 hits the stands and all Math students rejoice
<b>Math Faculty</b>	
June 7 - 9	Preregister for Winter '96
June 23	Bomber Night - All math students are encouraged to attend.
<b>MathSoc</b>	
June 6	MathSoc meeting 4:30
June 13	Yet another MathSoc meeting at 4:30
<b>Grad Committee</b>	
June 2	MGC Canada's Wonderland. If you missed it, you lose.
- June 9	Grad photos
June 7	Pizza Day - Buy a button for \$2!
June 14	The return of Pizza Day!
<b>Co-op</b>	
June 2	Posting #7 expires 8p.m.
- June 20	Employer Interviews
June 22	Job Ranking forms available 10a.m.
<b>Miscellaneous</b>	
June 8	Election Day. If you don't vote, there's no way the Natural Log Party will win!

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## vapidFIRE

Two teachers were badly burned after setting themselves on fire in Sofia, Bulgaria, on Friday, May 12<sup>th</sup>. The Bulgarian newspaper *24 Hours* claimed that it was over a dispute with school authorities. Nevertheless, representatives of the American Republican Party were quick to lay the blame on the influence of MTV's favourite pyromaniacs, Beavis and Butt-head.

A Canadian peacekeeper was shot in the foot by a stray bullet in Croatia on Saturday, May 13<sup>th</sup>. The man, Cpl. Daniel Bisailon of Ste-Rosalie, Quebec, told his commanding officer that he did not hear incoming fire and simply felt a pain in his foot. This came as a great surprise to Canadians everywhere, who felt that the Bosnian situation was more properly described as "a pain in the rear."

The Vietnamese government has taken issue with a new statue in Ottawa depicting a refugee woman fleeing Vietnam. They asked Ottawa to intervene and stop its unveiling. When Ottawa refused, Vietnamese officials started dragging their feet in confirming trade meetings between Canada and Vietnam. They have also reportedly commissioned a statue for Ho Chi Minh City depicting Jacques Parizeau fleeing Canada.

A study commissioned by the Parti Québécois says that a sovereign Quebec could lure business from the rest of Canada by revamping its laws to create tax havens. When it was pointed out to Jacques Parizeau that this would shift more of the tax burden onto the Quebec taxpayer—inconsistent with the party's declaration earlier in May that Quebecers face a steep tax increase only if they vote "No" in the sovereignty referendum—Mr. Parizeau replied, "Maybe so... but it will be a *free* Quebec that is unfairly taxing its citizens!" When reached for comment, Jean Chrétien said, "It sounds more like an *expensive* Quebec to me!"

With interest in the Internet reaching new heights, the Canada Food Council has developed its recommendation for nutritionally-minded newsreaders by releasing a list of the four basic alt.food.\* groups. These groups included: alt.food.sushi, for people who post messages that are raw and bug-ridden; alt.food.ice-cream, for people who post messages that are sweet but 90% air; alt.food.fat-free, for people who post messages without significant content; and alt.food.mcdonalds, for those who post messages that are quick and easy, but not necessarily good.

Environment Minister Sheila Copps has said that global warming may sink P.E.I. within the next hundred years. Meanwhile, Reform Party leader Preston Manning has said that Quebec sovereignty may sink Canada within the next ten years. And Mr. Manning should know, of course—he's barely keeping his head above water himself.

Ex-model Marilyn Tan was acquitted Tuesday, May 23<sup>rd</sup> of injecting her ex-lover Con Boland, an Edmonton high-society photographer, with HIV. After hearing extensive testimony regarding Boland's voracious sexual appetite and his penchant for sadomasochistic and female domination sex, Justice Keith Ritter said that he could not believe Boland's testimony that he could

not have contracted the virus in any way other than an injection by Tan because he remained nearly celibate in 1992. "I knew he was lying from the time he told us his occupation," said Justice Ritter. "I mean, a high-society photographer in *Edmonton*? C'mon!"

A Metro Toronto man was discovered dead in his apartment Tuesday, May 23<sup>rd</sup>, partially eaten by his pet dog. The man, a transvestite undergoing a sex-change operation, was found by police after neighbours reported a stench coming from his apartment. His dog was found dead by his side. Police refused to disclose exactly what they mean by "partially eaten." However, one officer allegedly reported that, had the man lived, he would no longer be a pre-operation transsexual.

The Ottawa Rough Riders drafted defensive end Derrel Robertson on April 18<sup>th</sup>—only to discover earlier this month that Robertson died last December. "We didn't know he was dead until a week ago when we couldn't find him. But given our record in past seasons, I don't think we could do much worse, so Robertson is on our starting line-up." This promises to make the Rough Riders squad considerably livelier than in past seasons.

Jean Chrétien blasted Quebec separatists Wednesday, May 24<sup>th</sup>, calling them "liars" by claiming that Quebecers can separate and still automatically keep the Canadian passport and currency and enjoy an economic union with Canada. The PM was quoted as saying "They're trying to find a formula by which people who want to vote 'No' will vote 'Yes'." Jacques Parizeau responded by saying, "And there's another reason why Quebec should separate from Canada. Do Quebecers want to be represented by a man who takes this long to catch on? I think not."

The Quebec Nordiques were sold Wednesday, May 24<sup>th</sup> for \$75 million U.S. to the Bethesda, Maryland, firm Comsat Video. The Nordiques will begin playing in Denver, Colorado, next season. When asked why his firm bought the team, a Comsat spokesman said, "Because we wanted to find out what the hell a Nordique is! Next on our list are the Canucks!" (By the way, isn't it interesting how the Nordiques have managed to separate from Quebec before Quebec separates from Canada?)

As the Stanley Cup final nears, the following teams have been completely eliminated from contention: the Toronto Maple Leafs; the New York Rangers; the San Jose Sharks; and Bob Rae's NDP.

Paramount Pictures accountants have claimed that *Forrest Gump*, the fourth-highest grossing movie ever with global ticket sales of \$661 million and strong video sales, is in the red by more than \$60 million. These accountants are currently employed by the Ontario Progressive Conservative Party, working on Mike Harris's plan to eliminate the deficit while cutting taxes.

"Hollywood Madam" Heidi Fleiss, convicted on three charges of supplying high-priced call girls for purposes of prostitution, has been sentenced to three years in jail and fined \$2,047. After

continued on page 5

continued from page 4

learning her fate, Fleiss said, "Three years? Big deal. I could do that time lying on my back." When asked about the fine, she responded, "Oh, that's how I plan to pay the fine, too—lying on my back."

The Canadian Supreme Court has ruled 5-2 that custodial parents must continue to pay income tax on child-support payments, despite the fact that this money would be non-taxable had the family stayed together and that it remains non-taxable for the non-custodial parent. The court split along gender line, with Justices Clair L'Heureux-Dubé and Beverley McLachlin voting against the ruling, and Justices Ernest P. Worrel, Jacques Clouseau, Gilligan, Dopey, and Forrest Gump voting for it.

Preston Manning has proposed a trans-national economic zone called "Atlantica" that would link the Maritime provinces and New England in a "thriving community of more than 15 million people." He has previously proposed a similar plan to group together the US Pacific Northwest and Western Canada in a region called "Cascadia." Manning assured his audience that his plan wouldn't encourage separatist tendencies. He had no comment, however, about his plan encouraging American annexationist tendencies. This, along with encouraging Quebec to leave already, appears to be just another part of his plan to fulfill what he sees as the "Manning-fest Destiny".

Quebec Premier Jacques Parizeau said on Friday, May 26<sup>th</sup> that he won't be blackmailed by unions threatening to withdraw support for independence unless labour disputes are settled to their liking. "Sovereignty isn't negotiable," Parizeau told reporters. The very next day, Parizeau floated a new referendum question that changes the emphasis of the question to "partnership" with Canada. When faced with this inconsistency, Parizeau said, "What I meant was that sovereignty isn't negotiable by anyone but me!"

Finally, the painting *Bull Ring, Marseilles* by Canadian impressionist James Wilson Morrice sold for \$572,000 on Friday, May 26<sup>th</sup>, setting a new record for the price of a Canadian painting. The sale shattered the old record of \$19.95 set in 1989 by an anonymous Japanese bidder who mistook the painting he bought for an Elvis on velvet.

Mike "NewsHammer" Hammond

## We Interrupt This mathNEWS

From the "One Bad Photo Isn't Enough" Department

London Transport has announced that transsexual underground (subway) passengers will be issued two identity cards—one picturing the bearer as a man and one as a woman. A Transport spokesperson said issuing two cards was necessary, because many Britons about to undergo sex-change operations went to work in men's clothing but dressed as women to go out in the evening.

The Toronto Star, Sat. May 20, Page A7  
Darren "Ren" Morby

## Midterms!! Excellent!!!

Gee whiz. June 2<sup>nd</sup>. Last Friday before midterms. And what're you doing?

Well, if you're smart, you'll be having fun with on the MGC organised trip to Canada's Wonderland. Or, if you have good taste, you'll be gazing in rapt admiration at the (most excellent) poster the Social Committee made for the event, noting the beautiful lines on the most excellent not-a-bloody-yellow-football-I-don't-care-what-anybody-says lemon.

The free outers trips (hiking, tubing, spelunking, etc) we promised are happening as well, with the first officially publicised one having taken place on Wednesday. These trips are really a blast, and everyone's welcome (especially people with cars!) If you're interested in taking part, please mail Jon at [jncressm@undergrad.math](mailto:jncressm@undergrad.math).

We will also be holding the first official Math Barbecue of the term this Saturday, starting at 2pm. Some food, frisbees, and tunes will be provided. Bring your own beverages, and we'll head off to the Bomber or some other bar after dinner. For more info, check out the poster in front of Comfy, contact Haitham at 746-2487, or mail me at [skamal@undergrad.math](mailto:skamal@undergrad.math).

The Math Pub Night this term is going to be on Friday, June 23<sup>rd</sup>, on the week following midterms. Come on out and celebrate/drink yourself into oblivion!

If there's anything you'd really like to see happen this term socially (besides finding a girl/boyfriend), feel free to drop me a note at [skamal@undergrad.math](mailto:skamal@undergrad.math). If you want to help out, I'm sure we could swing things that way too. (Bribes will be accepted ... reluctantly.)

Good luck on the 'terms, guys!!

Sarah "the Social Committee is awesome" Kamal

## From the Collection of "Stories by Tara"

When I was a kid, something not very traumatic happened in my life. My goldfish died. But if I were then how I am now, I would have mourned, because it was a cool fish. Yeah, fish aren't always that interesting, but this one, right until the end was great. His name was Fishface, and people used to find him intimidating and gross. All day he would swim around his bowl, pooing. Yup, it was a big pain for my parents to clean his bowl out (I was too young and irresponsible to do it myself). He would spit rocks at the side of the bowl as you walked by. One aunt of mine said that she avoided the room he was in at all costs because of this. He was kind of scary. Every once in a while when I came home from school, I'd find him on the windowsill, as he had jumped out of his bowl. (This gets cooler and cooler, doesn't it?) Although he had attitude, this prank turned out to lead to his ultimate destruction. One morning I decided to feed him. I reached into the fish food and pulled out a food-covered fish body! Unaffected, I buried his body in an unmarked grave in my back yard. How does this all relate to something worthy of printing in mathNEWS, you may ask? Well, it was my fish and several years ago I got accepted into Math here.

Tara

## profQUOTES

"I want to see that in mathNEWS ... that's the best laugh I've ever got."

Shallit, CS 340

"Probably the best way to see me face to face is to send me email."

Cormack, CS 442

"I don't mean to sound too 'Star Trekky'..."

Cormack, CS 442

"A tree solution which is feasible is called a feasible tree solution ... which might be a little redundant."

Murty, C&O 351

"Could you just sing this? Make up some Latin syllables."

Martin, MUSIC 100

"The other thing this class does not let you do is find a seat when you come into the classroom."

Martin, MUSIC 100

"And this is in fact extremely efficient in those circumstances when it works."

Cowan, CS 246

"And if you have a sufficiently warped mind you can actually define the exponential function like this."

Baker, MATH 148

"If we were in calculus, we'd love to worry whether this is allowed, but here we don't love to worry about it."

Horrocks, C&O 230

"Perhaps Text.Equal slays a crow and looks at its intestines - should anyone care? No!"

Cowan, CS 246

"It's OK, it's OK, I think it's OK."

Reid, C&O 350

Student: "But instead we could argue that God could make himself weak enough not to lift the rock."

Prof: "But then God would no longer be impotent ... Sorry, I meant to say omnipotent, not impotent."

Roberts, PHIL 100

"You can call it 'lemma', 'theorem', 'proposition'. The idea behind giving it a title like that is when you use it, you don't have to prove it."

Kannappan, MATH 136

"I know all you Math students understood that, but I know there are some Arts students here saying, 'What is she doing?'"

Lau, ECON 102

"What does everyone else guess it is? You have to make a guess ... or a death-ray will come out and hit you!"

Shallit, CS 340

"So, why am I bringing up Ziff's Law? Besides the fact that I like to say 'Ziff'? (pause) ZIFF!!"

Shallit, CS 340

"After a thousand years or so this gets kind of boring."

Martin, MUSIC 100

"But that's good. If you keep asking 'Why?' you find out how little you know."

Shallit, CS 340

"If you get it wrong, then you're screwed, right?"

Kunze, AM 353

"I should just make a comment: f at blah, blah blah, blah blah ..."

Kunze, AM 353

"I can't look at you guys without laughing."

Kunze, AM 353

"If you bring beer, you have to bring enough for everyone ... well, at least for me."

Bennett, STAT 231

"I think it's easy to make a mistake when you choose an easy example so that you don't make a mistake."

Astels, PMATH 336

"The 'No' is the majority, and the majority is right. That doesn't usually happen in a democracy, but it happened here."

Astels, PMATH 336

"I wouldn't be a prof if I didn't leave the rest as an exercise."

LeBlanc, AM 351

"Once you go through these steps, if you still can't solve it, you're shit outta luck."

LeBlanc, AM 351

"Don't worry if you find this confusing, because I find this confusing."

Reid, C&O 350

"No yawning now, this is very interesting."

Shallit, CS 340

"Now I'll give you a less snotty answer."

Shallit, CS 340

## And Now ... Another Canada Day Article

*Read this if you're going to be here July 1st*

Kitchener-Waterloo Canada Day needs volunteers. This year's event rates to be the largest yet, with over 50,000 people in attendance. To run an event of this size requires a lot of dedicated individuals, like you.

KW Canada Day is celebrating its 10th anniversary this year. This event, organized largely by students of the University of Waterloo, is a wonderful opportunity to reach out to the community to give them thanks for welcoming us into their city and their homes. It is held beside Columbia Lake, on the soccer fields and wherever people manage to find a place to sit. This day provides activities for children of all ages, a packed concessions stand, a stage featuring local performers, and the largest fireworks display around.

To meet the needs of the thousands of people, we need more than 300 volunteers. The need this year is greater than ever as the event continues to grow in popularity. These volunteers would be helping with set-up, take-down (on June 30th and July 2nd respectively), assisting with the childrens games, stage help, cooking and serving food, ambassadorship and security.

Traditionally, the Math faculty has brought out the largest number and the most enthusiastic volunteers to this event. The "Math" event, young children's games, are but one area of focus for you. You can do whatever you want to do most, of the areas listed above.

As a thank you to the many volunteers, a party is held after the final clean-up session on July 1st. This party is of epic proportions. In addition, every volunteer that signs up in advance will receive a Canada Day t-shirt, to identify them on the day, and to keep as a memento. Volunteers will also get some food and drink throughout the day, to take a break for a few minutes.

So, if you know that you're going to be in KW on Canada Day, then take some time out to give a helping hand. It could be for 3 hours, or for 18. Whatever time you can afford is time that is needed.

For more information please contact Eric Sutherland at 747-0286 or [esutherland@jееves.uwaterloo.ca](mailto:esutherland@jееves.uwaterloo.ca). Leave your name and number, and you will be contacted ASAP. Alternatively, go to the UW Federation of Students or the Math Society office and pick up a volunteer sign-up form; it has all the information you need. Finally, be sure to attend the volunteers "training" session June 27th at 4:30 in DC1350.

Canada Day needs volunteers. Canada Day needs you.

Eric Sutherland and Sarah van den Enden  
Volunteer co-ordinators for KW Canada Day '95

## Feeling lousy?

*Depressed?*

Cheer up.

Things could be worse: you could be *me*.

Viêt-Tâm "Happy" Luu

## Clue Corner

In case you haven't noticed the posters around campus, we've delayed the Game until July. It will be run between the end of mid-terms and the start of finals. As a result, if you were interested in competing but did not have enough time to get together a team, now you have the chance. Look in the previous issue of *mathNEWS* or the last Imprint for details.

To give people a feel for the type of some clues that may be used, we'll be including a "Clue Corner" in each issue of *mathNEWS* this summer. (Note: these puzzles will not be directly related to the Game we are running.) We'll try to have each sample clue being different in form, without of course giving away all of our tricks.

Remember, pre-clues are used to inform you of information you may need on Game day (or provide hints on how to obtain it). The clues themselves are meant to direct you to a location.

Enjoy,

James Hodge

<http://ccnga.uwaterloo.ca/jrhodge/The Game/>

### *A Little Mythology*

- His sisters were his daughters, his two brothers his sons.
- She wove a funeral robe for 10 years while her husband was away.
- This race were the children of Earth and Heaven.
- This giant's belt is his most striking feature (he is seen with girdle, lion's skin, sword, and club). He was a son of Neptune, and killed by Diana while wading through the sea. His dog's name was Sirius.
- He was given given a yearly tribute of seven youths and seven maidens to devour.
- She could not win Narcissus as Juno had passed the following sentence, "You shall forfeit the use of that tongue with which you have cheated me, except that one purpose you are so fond of - reply. You shall still have the last word, but no power to speak first."
- A section of Hades reserved for punishment of the wicked.
- He and his brother were raised by a she-wolf.
- Son of the man who built the Minotaur's labyrinth; he fell into the sea for not following his father's advice.

The intelligible forms of ancient poets,  
The fair humanities of old religion,  
The Power, the Beauty, and the Majesty  
That had their haunts in dale or piny mountain,  
Or forest, by slow stream, or pebbly spring,  
Or chasms and watery depths; all these have vanished;  
They live no longer in the faith of reason;  
But still the heart doth need a language; still  
Doth the old instinct bring back the old names;  
Spirits or gods that used to share this earth  
With man as with their friend; and at this day  
'Tis Jupiter who brings whate'er is great,  
And Venus who brings every thing that's fair.

Coleridge, *The Piccolomini* (II.iv)

## gradNEWS

Short, sweet, and to the point. (I don't always prefer them this way.)

May 31 -June 9 Jostens will be taking grad photos in DC3554. This may seem a little bit early to be having your grad photos taken, but if you wait until January your picture will not appear in the yearbook or class composite.

June 7 Pizza Day. Yum. (Volunteers appreciated)

June 14 Pizza Day. Yummy. (Volunteers still appreciated)

We are also looking into various other activities (Grad night out, rock climbing, a beer brewing contest, and a camping trip). If you would like to help out with any of these activities, let us know. Prepaid yearbook orders will also begin soon, so keep your eyes peeled and don't forget to submit your yearbook grad blurbs to the MGC office (MC3029) as soon as possible.

Mike Vanderkaden  
MGC Chair

## Compliments I Wasn't Sure I Wanted To Hear

We've all had someone "compliment" us, with something that they considered a compliment, but we weren't so sure of... Here are some actual "compliments" that I've received:

10. "You must be really good at Algebra if they asked you to do it again!" *A fellow student*
9. "Congratulations, you've been accepted to the University of Guelph!" *The University of Guelph*
8. "You know so much about the 'net that you should join America Online!" *Someone on Usenet*
7. "Mmmm! This cake is delicious! Did you buy it at the store?" *A friend*
6. "Your singing voice reminds me of Billy Ray Cyrus." *A high school music teacher*
5. "The way you program, you should be working for Microsoft!" *My co-op employer*
4. "I'm really glad we're friends." *A girl<sup>1</sup>^H^H^H^H^Hseveral girls*
3. "If I saw you in a crowd, I'd never guess you were a computer geek!" *A female UW student*
2. "You'd make a really good engineer." *A high school guidance counselor*
1. "mathNEWS liked your article!" *mathNEWS*

Drew "What? You mean 42 isn't a good mark?" Hamilton

## Life, Roommates, and Everything

*or how to apply quantum mechanics to madness*

For the first time, I, Lord Nullset, in my infinite wisdom (or lack thereof), have decided to eschew my traditional dungeon-like basement abode for a more communal dwelling place. Yes, I have *roommates!*

And with roommates, come interesting experiences. For example, there was the period of time when my roommates (devoted fans of science) were attempting a subtle quantum level physics experiment. They attempted to determine whether the prolonged *lack* of observation of a stack of dishes would cause it's quantum state to return to an indeterminate nature, such that half the time the dishes would suddenly manifest themselves as clean, at which time they could be put away.

I too, participated in this experiment, though not without any true hope for its success. I, of course, immediately recognized that by Youl Strangst III's Second Law of Metaphysical Paradyamics (which states that the co-efficient of the absurd required to manipulate quantum level effects varies as the inverse-square of the number of scantily clad, kazoo-playing elephants) clearly applied to their situation, but nevertheless was curious to see how great the Thursday Effect of Decentralized Normality would become. (For those curious, it reached a maximum value of 4 penguins in a rubber boat, plus or minus high seas).

Their second attempt, to sterilize the house using high-impact acoustic shockwaves, was only partially effective. Although it *did* succeed in destroying the Zlajfa clan of refrigerator-ooze-beings, the more militant strain of Ylarni fridge-fungi remained unaffected. All in all, this new acoustic weapon, code-named "Phyics Rocks", will need further development. (Perhaps the Ylarni species developed this immunity following prolonged exposure to "Glory Days". Deeper study is recommended).

I wish to state for the record that, while it may have appeared that I was promoting the subversive state of Order and Normality whilst cleaning the culinary centre of our humble abode, I was truly performing a ritual cleansing necessary for summoning a Quantum Poltergeist. The random Gravity Surges it will create will no doubt be put down to mere "accidents", and "spills". MWHAHA!!! Power is mine!

Speaking of power, you may have noticed many lightning storms and ominous portents manifesting themselves in my general area. These are of no consequence whatsoever, and can simply be ignored. *Remember, whatever rumors you may have heard about me are false.* Especially the interesting ones.

In closing, I would just like to say hello to Jenn & Ana's friend, who so kindly wanted to be mentioned in this article (before she knew what she was getting into), and let everyone know to "Come on out, and join the Univeristy of Waterloo Croation club, Cro-Wat!" And I'm not just saying this, because my roommate, Ana Kasumovic, Cro-Wat president, is standing behind me with a attack-schnauzer leveled at my head. Honest!

I'm not quite as strange as this article might lead you to believe. I'm even stranger.

This has been a public service announcement from:

Kevin "Lord Nullset" Hartmann



## Surviving as a Non-Mathie in the Math Faculty and Having Fun

After reading Timbley's inspired article in last issue's *mathNEWS*, I thought that it would be important to give another view on life at UW. First of all, I am a fourth year Mathie in a 3 year degree so I am sure all of you in 4C can relate to this article. First, lets discuss why we are here. I came to Waterloo for a few reasons. Waterloo has the co-rip-op system so I am able to afford school and have a vacation every four months. Second, it gets me away from my parents which I am sure everyone finds appealing. The main reason I am here is because it keeps me doing something besides work. Unfortunately this is not always true for people like Timbley. If you read Timbley's article and realized that you do most of that, stop and read this; it can change your life and your grade point average very quickly.

1. Realize that some things just aren't worth fighting for. Do you honestly want to sit at a desk for 5 years at UW then graduate doing that for the rest of your life? It is going to happen, take 5 years off. When it comes to doing work, sit in bed. That way when you are reading the PSYCH 101 text (why you are doing this is beyond me) you can easily fall asleep and get that much needed rest. Better yet, go to the Bomber and study. Think of it. The Bomber employs people to serve you. They are friendly and helpful. They don't know much about PM 331, but heck, you need a beer, it's there for the taking.
2. Timbley's second point was forget TA's and go to the prof. WRONG! Ok, there are a lot of upper year students around. Before signing up for the course, find someone that has taken the course or a keener that is taking the course and become good friends. This is a key to survival. Going to the prof and trying to get information is useless. There are two things that can happen. The prof will help you but use a completely cryptic language and you will be lost or they will mislead you thinking that you are just trying to suck up and get the answer (which in reality, that is what you are doing).
3. Scheduling is possibly the most important part of university. At the beginning of every term the university is kind enough to schedule morning classes. What is the point of morning classes? You are going to have to stay up til at least 2 am every nite, playing cards or out partying so why push yourself? Get a hold of the master time table (easy to do thanks to uwinfo) then schedule some classes for yourself. 10:30 is a good time to start. Block your classes together so you can get your day over with earlier. "But I need this course at 8:30." Do you? Are you sure? Can it not wait another term? Take some of your short list courses as an alternative and get back to this one. What is the point of taking an 8:30 and sleeping through it, even if you do make it?
4. Classes are very important to go to. Unless your name is Shahid, going to class and taking notes is possibly the only way to save your butt if you get kicked out and have to prove that you weren't just slacking off the entire time that you were at UW. Make spelling errors in your notes intentionally and circle stuff in your notes with a "huh?" next to it just in case they want to leaf through your notes while you are trying to prove that you have a learning disability. Profs also tend to slip up and give away proofs in class that you need for your assignments. If you are not planning to go to class find someone that will take notes for you.
5. Studying in groups is possibly the best thing that you can do. First of all you can hope that the human brainchild is in your group and will translate all of the stuff the prof said into english for you. If the human brainchild is not in your group you can rely on the fact that if you all get it wrong that the prof will think that it was too hard and grade on a curve (ride the wave!) or just not count it at all.
6. Failure. Ok, you have goofed off all term and don't even have the text. If this happens, get sick. Mono is probably the best because you never know how long it will stick around. You are only allowed 6 failures (*4 for some of the young 'uns; hee hee — Jean-GuyEd*) so be careful with them. Faking is bad because you will lose credibility with the academic committee and your advisor if they catch you. Also be careful you don't select one that is terminal or can cause you to scar or lose parts of your body.
7. Learn to relax. Every work term you go on, relax. Don't spend 8 hours a day in front of a text book. Find activities like sports, cards, or if you are good enough, Laser Quest. Drug addictions can be expensive and destructive so avoid this method of relaxation. A beer is a nice way to relax. Since you are having one, why not a second? You can all see where this is going. No, pulling things out of alt.test and trying to figure out what they are is not relaxing, its stupid. The Comp Sci Club is nice enough to donate a tool for all CS geeks to play with. If your idea of fun involves computers, try Doom, MUDs, netrek, IRC...
8. Exams, tests, and midterms are the real things that are going to hurt your academic standing. Fortunately MathSoc comes through here. They have a vault of old exams and tests that you can get. Use this. If you know the type of questions that you are going to be asked, you can put down all of the secondary reading for the course and concentrate on real examples. It is important to keep this fountain of information up to date, so blank out your name on your tests and bring them to the Soc office. For those of you in Accounting, you cannot put this down as a charitable donation.
9. Get involved. MathSoc is kind enough to provide money to anyone who wants to organise something and call it a Soc event. Read into this: FREE MONEY. You pay into the Soc every term, so take advantage of it. Get this money back. Volunteers for MathSoc get all sorts of perks: Free browsing of the Exam Vault whenever they want, 24 hours access to the Soc office for exec's, a place to sleep if needed

## Fun for the Summer

Hello, my name is Jon the Cress-man. I was your social director last fall. I'm not the social director this term, but I have planned a few social events and everyone is welcome to come out.

So far this term I've planned a day-long hiking trip to the Bruce Trail along Georgian Bay. This area is full of cliffs and boulders to climb as well as having some beautiful scenery.

I'm sure that everyone who came out to Victoria Day celebrations at my place had a great time. As a bonus, no one got seriously injured.

Wednesday, May 31, we will have hopefully gone tubing in Elora. If the weather is cool we'll have probably gone hiking.

The first trip of the term was spelunking (caving). We explored some caves in Kelso Conservation area near Milton. There is no point in me explaining what it was like in the caves, you'll just have to come out to my next trip. It wasn't until we were starting our trip back to our cars that our adventure really started. The caves had been kind of cool, so we had started back sooner than I had planned. A couple of us wanted to check out some more holes in the ground as we walked back. This is

when us, who we'll just call Hop-Along (you'll recognize her as the girl on crutches playing bridge in the Comfy Lounge), fell and cracked several bones in her right foot. So now Ann/Hop-Along is at the bottom of a hole, on the top of a hill, far from our cars and it's getting dark. Luckily the rest of us are big guys and we had little problem getting Hop-Along back to the cars. Shortly after reaching the cars we discovered another problem. **THE #&\$%!) GATE TO THE CONSERVATION AREA WAS LOCKED!** Nearly four hours later, the Conservation officers finally let us out. Luckily we were able to order pizza. So, after a trip to the hospital, we finally got home as the sun was rising. The good news about this trip is everyone still wants to go again.

Anyway, if you enjoy adventure and taking minor risks then look for signs in the Math building, email me or check my home page <http://www.undergrad.math.uwaterloo.ca/~jncressm> for future trips.

Jon "Feel Good" Cressman

On June 8<sup>th</sup>, Vote For

## The Natural Log Party

Fellow students, allow me to introduce myself. I am C.S. Studentt, leader of the Natural Log Party of Ontario, and candidate for the seat for Waterloo North.

The Natural Log Party was founded in 1993 by P. Matt Mahjor, a concerned University of Waterloo student. The provincial party was founded earlier this year.

The Natural Log Party believes that mathematics govern the universe with perfect order. For years, government after government have ignored this basic truth, causing them and you much grief. Our platform is that only we understand the mathematics necessary to get Ontario working again.

- We have no budget; because we're students, we have no money to budget. We can, however, balance the provincial budget, because we're math students; we can add better than Mike the Knife.
- Our economic plan is to give every unemployed person in Ontario a co-op student job. For as we all know, students will do anything for a very small paycheck and no benefits. This is something even Head in a McLeod should have considered.
- Finally, we will put in place a comprehensive plan to lower the cost of university education—wage rollbacks for professors, especially bad ones (but not for Prof. Ragde (*because he's pretty cool — Jean-GuyEd*)); computing facilities comprising cheap PC clones with surplus pre-bug-fix Pentium chips; and combining classes—Complex Analysis And Algorithm Design and Analysis Through Yogic Flying. Uncle Bobby's "Social Contract" has nothing on us!

We are the only party of mathematics students for mathematics students. So on election day, vote for the student voice, and vote for the Natural Log Party.

Darren "C.S. Studentt" Morby

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(the couch in the MathSoc exec office is much cleaner (*than what?!?* — *Jean-GuyEd*) and has nothing living in it).

10. So why the heck would I do this? Regardless, you are going to have to work for the rest of your life. If your employer sees that you have been working your ass off for the 5 years you are at UW, then they are going to expect the same when you work for them. If you seem like an average joe, that is all they will expect. With a degree from UW you have a jump on everyone else, why bother competing with everyone here? This is where the Bob factor is coming in. Bob is raising tuition for people so less and less people are going to be able to come here thus guaranteeing you a job in the future. Regardless of what you learn now, you will be obsolete in 10 years so what is the point? Get the degree, get a job and enjoy! The longer you stay here, the better off you are so relax, take your time and have a good time.

After reading all of this, where will it get you? Well first off, all a company is going to hire is someone that has social skills. If you chain yourself to a desk, you will have no idea how to interact with humans so your chances of getting a job are much lower. Employers want someone who can drink a couple of beers, take time to relax. If you are all work and no fun, you are going to expect your employer to do the same. Unless you are working for Microsoft, you are never going to survive. Expect your average to be around 60% or so. You can always say that University is much harder than high school ever was and your parents will probably agree because they either didn't go, or they did the same thing that you are doing. Please note that most of our parents grew up in the Hippie era so they can relate to all of this easily.

David Low

## Holiday, Such A Holiday

*With absolutely no apologies to the Bee Gees*

"So," she whispered as she subtly slid her phone number into my palm, "what are you doing for the holiday weekend?"

"I'm not sure. Why, have you made plans?" I replied.

"Ummmm, no," she breathed, deftly tickling the inside of my ear with her tongue, "Maybe we could spend some time together."

"Maybe we could. Do you have anything in particular that you want to do?" I asked.

"Not especially," she purred, her hand gracefully gliding up my inner thigh, "As long as it's with you."

"So you're open to suggestions?"

"Oh, honey," she panted, unbuttoning my shirt, "I'm open to more than just suggestions."

Yikes! Whoa! What time is it? For God's sake, shut that \*&#%\$% alarm clock off! Holy! Nothing like waking up in a cold sweat the day before the Victoria Day weekend to REALLY get your wheels moving! As soon as I wash these sheets, I'll be ready for a weekend of non-stop partying!

Well, actually, since I'm in ACT SCI, I had to look forward to a weekend of non-stop homework. Due to professional actuarial exams, most of my classes held off on assignment due dates until the end of the month and, lo and behold, that time is now! However, as I staggered out to my car under a stack of books that rivals the Tower of Babel, I took time to reflect on May 24's of years gone by and, by doing so, it only made the prospect of the 1995 edition seem even more depressing. One friend, however, did try to cheer me up. He said, "It ain't so bad, Graham. You'll be eating good food and, with your mom around, you may even get laid." While I appreciated my friend's good intentions, it still didn't make up for the Everest of homework that I needed to do. As for sex with my mom I have only one comment: never again.

Many people I know were travelling up to their cottages for the weekend to open them up and get them ready for summer. My dad and my stepmother used to do that too, until one year when it took us about seven hours to go 300 clicks, thanks to your friendly neighbourhood traffic jams, sponsored by the Government of Ontario. While Bob Rae and his cronies at Queen's Park would be apoplectic if this became public knowledge, I have come into documents that prove, beyond a shadow of a doubt, that the Ministry of Transport unleashes a fleet of 10,000 civil servants driving various automobiles onto highways 401, 400, 11, 69, 6, and 35/115 with the express purpose of creating traffic snarls. Armed with instructions to change lanes without signaling, drive at preposterously slow speeds in passing lanes, tailgate with the high-beams on, and, if all else fails, cause multi-vehicle collisions, these "Traffic Twerps", as they're affectionately known to Rae, carry out their tasks with a degree of precision and efficiency unparalleled in any other facet of government. Ladies and gentlemen, your tax dollars are working.

Another fun part of going away for the holiday weekend is the closeness to nature for which many yearn. While the closest that many people ever actually get to nature involves stepping in animal entrails, some of the more brave souls in our society face the wilderness with untamed zeal. Unfortunately for those who travel to more northern locations, this zeal quickly erodes to horror as wave after wave after wave after wave after wave after

wave after wave after wave after wave of blackflies and mosquitos assault the unwary. I have fond memories of my father staggering like a drunken sailor up to the door of my cottage surrounded by a swarm of bugs of which Moses would be proud. Eventually, after a couple of hours and more than a couple of bottles of calamine lotion, my dad would stop convulsing involuntarily.

For those who cannot afford the expensive upkeep of a cottage, or for those who eschew cottages for the more rugged life, camping in tents and trailers is the next best thing. Camping is the choice of nine out of ten UW students because it's lower overhead costs leaves more money available for Wildcat beer (the beer of choice for eight out of ten Lakehead students) and because making love to your significant other is more exciting when you know that a famished grizzly bear could burst into your tent. The rule of thumb concerning bears has always been explained to me thus: If, after you climb a tree, the bear shakes the tree trying to get you out of it, it must be a brown or black bear. If the bear rips the tree right out of the ground, it's a grizzly.

Still, camping does get people back into nature, whether they like it or not. I always enjoyed camping with people who were extremely coddled in their youth. One can visibly see the colour change from pink to rose to white to a sickly blue-green in the pampered person's face when shown the inside of an outhouse. It then changes to a pale grey when informed that some campsites don't even have outhouses. For some campers, mostly young boys, outhouses offer a world rich with new adventures in the field of insect torture. Gleefully tearing the wings, legs, and antennae off of hapless flies and spiders, young males experience the first throes of manhood. Shortly thereafter, having discovered girls and learned more about their own bodies, some males experience the first "throw" of manhood, but that's another story.

Lest I neglect to mention, the above aforementioned youthful activity, the torturing flies activity, is not restricted only to males. Due to the progress of the women's movement and to the increased social acceptability of women in traditionally male roles, little girls also partake in the sadistic pleasures of bug mangling. However, as these girls mature, they turn their attention to the sadistic pleasure of tearing boys' hearts and shredding their hopes and dreams in a ritual known as "dating." Of course, ahem, this has, um, NEVER happened to ME or anything...

Seriously, here's hoping that everyone had a great weekend in honour of alcoholism (why else do they call it May Two-Four?). This being summer term, we have Canada Day and that wonderful, government-sanctioned holiday, Civic Holiday to which we can look forward.

Whew, all of this writing has made me sleepy. Maybe I'll take a nap and dream about...

"You're going to do homework all weekend?" she moaned, her breath hot on my neck, her hands quivering as she undid my belt, "I find that so sexy."

Graham "Footlong" Rogers

## Your Horoscope

**Your Birthday This Year:** You will have a great and wonderful year, except of course if your going to university. In that case your marks will plummet, your face will break out, and someone will mistake you for a wino. Sometime this year you will go personally bankrupt. On a more positive note, you will be asked to appear on the Oprah Winfrey show and talk about male prostitution.

**Aries (Mar. 21–Apr. 19):** Everything today will go extremely well, the stars are in your favour. The only thing that could possibly prevent this is if you read any part of this week's mathNEWS.

**Taurus (Apr. 20–May 20):** You will be visited by a bagpipe-playing editor. You cannot escape. Resistance is futile.

**Gemini (May 21–Jun. 20):** Avoid shaking hands with anyone who looks like you—it may very well be your evil anti-self.

**Cancer (Jun. 21–Jul. 22):** You are smart, good looking, intelligent, witty and an all-round great person. Go out and make all acknowledge your awesomeness.

**Leo (Jul. 23–Aug. 22):** Avoid anything that could be translated into French.

**Virgo (Aug. 23–Sept. 22):** Remember when you did that bad deed as a child and weren't caught for it? Well, you'll be punished with interest.

**Libra (Sept. 23–Oct. 22):** A television will fall on your head. In fact, stay away from all forms of mass media today.

**Scorpio (Oct. 23–Nov. 21):** Many ducks will swarm you and eat your assignments. Stay away from any duck-infested cities.

**Sagittarius (Nov. 22–Dec. 21):** You're a loser. Go do something that fits your character. Like major in computer science or something like that.

**Capricorn (Dec. 22–Jan 19):** Your horoscope is too boring, even for me. Bug off.

**Aquarius (Jan. 20–Feb. 18):** Someone is after you. If you move to Africa now, you may just be safe.

**Pisces (Feb. 19–Mar. 20):** A black hole has appeared in your vicinity. Do not enter the Comfy Lounge.

Tara "The Gypsy Queen" Mulder

## Tall Skinny Chicken Boys Suck

*Grumpy continues to reveal the ugly truth about guys*

Some of you out there may recall a few choice observations I made in the Fall term about guys, and about math guys in particular. I would now like to expound further on what may very well turn out to be my doctoral thesis. Yes, much as it pains me to admit it, I DO have another reason for thinking that guys are scum.

Let's face it. The truth is painful, but it must be revealed:

*Tall Skinny Chicken Boys SUCK!!!*

Let me tell you a little story. There was once this guy called Danny at my old elementary school. He was, like many of his unfortunate gender, not too swift. He was also the skinniest, most putrid little bug I'd ever met in my whole life. I could have wrung his scrawny neck with my bare hands, and did indeed find great pleasure in beating him up into a mangled pathetic little lump several times.

Anyway. Danny was tall, he was skinny, and he looked like a chicken. He was, in fact, a prime example of the Tall Skinny Chicken Boy. While this fact alone should have ostracised him from society, another even MORE disturbing fact came to light in high school, a fact that makes me blush with mortification even now. Danny, skeletal boy himself, the buttless wonder extraordinaire, was better at arm-wrestling than I was!!!

Yes, I can hear your horrified gasp, can sense the shocked denial springing to your lips. Hard to believe, but true. The shame haunts me still. My dreams resound with the mocking

sound of his laughter when he won the arm wrestling contest in grade 10. Or do my dreams resound with his agonised screams from when I flew into a violent rage, ripped off his head, and used it as a commode? (See that? Not only does violence make you feel better, it's practical too. I'd always wanted a commode.) Beats me. Anyway, my dreams resound.

That is, my dreams resound on the few occasions that I have them. I've spent many a sleepless night recently, trying to come to terms with the fact that many people (for some odd reason) keep thinking that I'm bitter and cynical. This hurts me. I'm really a very gentle, loving soul underneath the layers of pain and trauma, under the disillusionment and frenzied, frothing, manic, love-to-induce-grievous-bodily-harm facade. [Yeah, right — Ed.] I'm just a very misunderstood person, that's all.

Although I do admit, I tend to get a *leeeeeetle* bit tense when I'm around tall guys. I mean come on!!! There they stand, breathing all the fresh air, not caring about the hefty chiropractic bills I have to pay to fix the crick I get in my neck from looking up at their (dang and blast it!) faces. Ooooooh!! I hate they way they snigger when they look down at me, their eyes drifting to the top of my scalp as though they're carefully noting every single stray (aberrant!! Aberrant!!!) flake of dandruff on my head. I HATE the way they stomp around, never paying attention to where they're going, never apologizing when they crash into me, never noticing the venomous glare I direct at the back of their departing knees. Or the way they smirk when they look down

*continued on page 14*

## Top Thirteen List of Dangerous Games to Play Between Classes.

13. Start a turf war with your roommate. One bonus point awarded to the victor per personal possession remaining.
12. Find the EngSoc office, wander in, and demand to know the location of the Tool. Bonus points for exiting alive. (try singing the Mathie version of the Engineering Song in POETS — Jean-GuyEd)
11. Use your new Pentium to solve your partial differential equations.
10. Play religious roulette. Stand in a circle and blaspheme, and see who gets struck by lightning first.
9. Play Cut-throat Euchre with a Tarot Deck. Score bonus points for the number of natural disasters reported in the local papers the following week.
8. Go down Laurel Creek in a barrel. Bonus points for not vomiting at any point along the way.
7. Light the Dean's shoelaces on fire. Triple points if it's the Dean of Engineering. Only one point for the Dean of Arts.
6. Go down the Grand River in a barrel. Bonus points if the barrel doesn't dissolve before the end is reached.
5. Call Sarah Kamal bitter, without being hit. Bonus points if you can remain on speaking terms with her.
4. Sit on the CSC couch without being noticed. Bonus points for using a computer while there and not being noticed. Triple bonus points for using it for course work and not being noticed.
3. Eat a seven course meal in an MFCF lab. Bonus points for offering the operators desert. Triple bonus points if your account remains operational.
2. Get frosh to try to use xv on a Mac. Bonus points if you can convince them that the pictures will come up in colour.
1. (My personal favorite). Compete with a group of friends to see who can drive a selected victim to psychosis first. Bonus points if the victim is locked in a padded cell for life. Negative points scored if a participant is committed to the asylum before the victim.

Kevin "Lord Nullset" Hartmann  
Kael "Lord Webchat" Lizak

## mathNEWSquiz #2

*The Greatest Canadian Pastime, Now That Hockey Is Over*

Welcome to the squiz for issue two. Before you say anything, I know that hockey is still going on, but there is no Canadian team left. If you are cheering for one of those still in contention, I apologize and hope that the Chicago Blackhawks / Detroit Red Wings / New Jersey Devils / Philadelphia Flyers win Lord Stanley's cup.

The answers to the previous squiz were: **Song Lyrics:** 1. "Five Days in May" by Blue Rodeo; 2. "Diana" by Bryan Adams; 3. "Catch the Wind" by The Irish Descendants; 4. "I Would Do Anything For Love (But I Won't Do That)" by Meatloaf. **Historical Potpourri:** 1. April and July; 2. Joey Smallwood; 3. General Robert E. Lee; 4. The U.S. battleship Missouri, anchored in Tokyo Bay. **Acronym Scramble:** 1. Organization of American States or Old Age Security; 2. South-East Asian Treaty Organization; 3. Single-Stage to Orbit; 4. Canadian International Development Agency.

Our submitters were: Paul "Professor Peril" Chrysler (2), Clark Kent and Phil Collins (2), David Swart (4), Slaves to the Gridword (7), and our winner in a random draw, Pokey (7). Here is the second squiz; we wish you luck. Submit to the BLACK BOX or e-mail to mathnews@undergrad.math (subject "Squiz #2 submission") by 6 PM, Monday, June 12. In the meantime, Pokey can claim his squiz prize at the MathSoc Office.

*D-Day—June 6<sup>th</sup>, 1994*

1. Name the Canadian Division that participated in the invasion of Normandy.
2. Who was the Allied General in charge of the Normandy Invasion?

3. When was the Normandy Invasion originally scheduled for?
4. The codename of the beach the Canadians invaded was "Juno." But what was the codename for the entire invasion?

### Kiddie TV Shows

1. The *Mighty Morphin Power Rangers* has used footage from two Japanese series so far. Which two?
2. Which children's entertainer became a Canadian citizen last July 1<sup>st</sup>?
3. The five main Fraggles in *Fraggle Rock* were named Gobo, Mokey, Wembley, Boober, and what?
4. Which *Star Trek: The Next Generation* actor hosts *Reading Rainbow*?

### Song Lyrics

1. Harry Truman, Doris Day, Red China, Johnny Ray
2. I'm hers (I'm hers) she's mine (she's mine)  
I'm hers, she's mine, wedding bells are gonna chime
3. There are millions of people in worlds of their own  
And two of them can't let go
4. I no longer dream of a shoulder on which to lean  
Love remains a word still not sure of what it means

Darren Morby  
Jerry Han  
John Wetmiller

## Being an Identical Twin in the same Faculty

When I was in high-school, a neighbour of mine once told me that when the time came for my brother and I to choose universities that we would probably want to be as far away from each other as possible. When the time came, I never really gave it a second thought and it just so happened that my brother wanted to go to the same school as I did. (Can you blame us for our choice?)

Mike and I are identical twins. The word "identical" is a medical term and doesn't necessarily describe how we look in relation to each other. I know some people who claim that we are not identical twins because they can tell us apart, which I find somewhat amusing. The truth is, I think the differences between Mike and I are like night and day. But I'm obviously biased in this opinion, and I take most people's word that we look similar.

### *What I Don't Mind About Being a Twin*

The small but constant stream of confusion really helps out when I'm meeting new people and talking to acquaintances. It gives us something to talk about and I don't feel as bad if I don't remember the others name right away since they just finished screwing up mine. Most conversations go along the lines of:

"Hi Mike!"

"I'm not Mike."

"What?"

"I'm Dave, his twin brother."

"You're kidding."

Yadda Yadda Yadda ...

This conversation occurs at a very high frequency when Mike and I get back from work terms in different cities.

Being twins, combined with having slightly curly hair and glasses provides extra novelty in airbands when we do The Proclaimers' stuff.

### *What I Could Do Without (besides k.d. lang)*

Just because this section is bigger than the last doesn't mean that I'm bitter or that I resent the fact that I'm a twin.

When someone vaguely familiar comes up to me and says "hi", I am often not sure about whether this person knows my brother and thinks that I am him, or I was introduced to this person at one point or another (perhaps at the Bomber last night) and I have just completely forgotten. This is really nobody's fault except my memories' own.

Now this one, although annoying, is actually slightly amusing at the same time. Believe it or not, the following conversation takes place about once every month:

"Can I ask you a really dumb question?" (I have a hunch about whats coming)

"Go ahead," I say.

"Can you ever read your brother's mind?" or "If I punch you, will he feel it?"

Now this really confuses me. These are normally sane people with little or no belief in such supernatural phenomenon. Why would the fact that being twins negate any of the laws or consistencies that we've grown up with, so that what is supernatural to everyone else would be natural to two people born at the same time?

Anyway, The last thing that has annoyed me, fortunately, hasn't occurred since high-school. People would often say things like, "I'll just call you Swart, that way I'll get it right no matter what." Normally I wouldn't care about statements like that unless I cared about what the person thought about me. Telling me this is like telling me that in your mind, you don't care enough to distinguish me from Mike and that I'm virtually one person with two bodies.

So if you've said hi to me and you know my brother, or if you've waved to Mike when you thought he was me, the possibility exists that we're not really snobs, we just haven't met you yet.

David "one of two not half of one" Swart

## We Interrupt This mathNEWS

*From the "Hush Detergent" Department*

In February, police in Des Moines, Iowa, arrested two men for breaking into a laundromat's change machine and detergent dispenser. The two men had allegedly given a witness several of the small detergent packets from the dispenser in exchange for her silence. She double-crossed them, however, and assisted the police in their capture. You know, I remember the good old days when witnesses were bribed with *money* to keep quiet.

*The Toronto Star*, Sat. May 20, Page G13

Darren "Ren" Morby

*continued from page 12*

at me (those smug %#&%!!), saying that I'm wearing a really nice pair of short-

Short?! Short?! **SHORT!!!!** HELLO!!! I'm the PERFECT height and everyone else is stupid, thankyouverymuch!!! SHORT?!??? I'm not short!! I'm *concise*. I'm *to the point*. I'm ...I'm ... "the soul of wit." Short?!? Hah! I laugh at your poor sad ignorance. Hahaha, in fact. Hoho, even. Little do YOU know!!

Yes, I chuckle at the pitiful amount knowledge you have about the forces at work against you. YE-E-E-ES! My concise friends and I have devised a top-notch, highly organised militia of trained fighters!! We know everything about you. With a swift glance upwards, we can easily determine the state of your nasal passages. With another swift glance upwards, we can see if your fly is undone. Hahah!! Our power is on the rise, and our arsenal (of chainsaws) complete. We shall be unstoppable!!!

Rise up, my witty friends, and end the tyranny!! Strike back against the ungainly, mutant, unenvironmental foe!! It is time to implement Operation Redwood Mutilation, Torture, and OUCH.

Woohooohooohooaha. WOOHOOHOOHOOHOOHAHA!!! [I think she's completely lost it — Ed.]

(Geez. And to think that people call me bitter.)

Sarah "5' 3" (in the mornings), and PROUD OF IT!!" Kamal

# gridCOMMENTS

Wow. For a first-timer's grid, there was no dearth of submissions. Judging by the entries, there were problems with cryptic 23 across (DIST around CREE) and conventional 11 down ("Put up", not "Puts up"). All in all, a fun time was had by all.

For the conventional, we had NO correct submissions, but Slaves to the Gridword, Sherlock Holmes and Pokey gave it their best shot. Slaves to the Gridword made only one error, so they get the conventional prize.

For the cryptic, correct solutions came from Clark Kent & Phil Collins, Neil Shipp, Pokey, and Sherlock Holmes. A random drawing proclaims Neil the winner. Incorrect solutions came from David Swart, Grumpy & Graham, Grid Runner, January with French and Ms. Jackson and Glacial Body of Water in Gulf. Jordan?, and the Slaves to the Gridword.

Favourite moist things: Do you need more than one guess?; C&D brownies. Towelettes! Towelettes and other similarly-packaged products. Chocolate chip cookies!! Baorn [that's what it looks like to me]. And the group itself.

Comments: The lines are too angular. My mind rebels at stagnation. A lovely pair of dimes!! [A little smug, yes, non?] We really liked your first gridword (with the exception of 13 down) and are still scratching our heads on 23 across; have with the next one.

This fortnight's gridword comes to us from former puzzle bandit John Wetmiller. Thanks, John, but where's the gridquestion? Sigh. Send in your entries, with your name, gridcomment, and favourite thing that catches fire to the BLACK BOX or e-mail it to mathnews@undergrad.math with subject "Grid #2 submission".

Thanks to everyone who submitted.

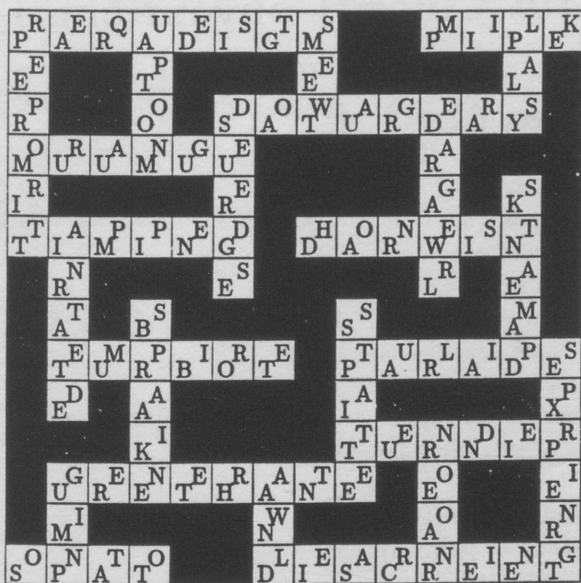
Darren Morby

continued from page 16

- 39. Fear of approaching harm. (5)
- 41. Students' nightmare. (5)
- 42. Synthetic fabric. (5)
- 43. Annoy. (3)
- 45. Approximately (prefix). (5)
- 46. Imaging device. (6)
- 49. Battled. (6)
- 50. Hypothetical experimental outcome. (5)
- 51. Menu command on a Mac. (5)

## Down

- 1. Special photo. (4)
- 2. Arbitrary occurrence, as a degree or an iteration. (3)
- 3. Negative conjunction. (3)
- 4. Batman villain Mr. \_\_\_\_ (6)
- 5. Opposing digit. (5)
- 6. TV personality Gibbons. (5)
- 8. Xanthic. (6)
- 9. Principle. (5)
- 11. Guard. (6)
- 12. Film director Welles. (5)
- 14. Send a wireless communication. (5)
- 18. Univalent hydrocarbon radical C<sub>2</sub>H<sub>5</sub>. (5)
- 19. Decimate. (4)
- 22. Become one. (5)
- 23. Structured toy. (4)
- 25. Additional. (5)
- 26. Eat My Brain group. (4)
- 28. Approach. (4)
- 30. Sometimes heard on the Enterprise. (6)
- 31. Hit, as a door. (5)
- 33. Ed Werenich, or his curling broom. (6)
- 34. Biblical hymn. (5)
- 36. As a ship without control of motion. (6)
- 37. Happy Birthday — — (2 3)
- 39. Type of linked list structure. (6)
- 40. Duck. (5)
- 44. Simple boat. (4)
- 47. Had consumed. (3)
- 48. Ribbed woman. (3)



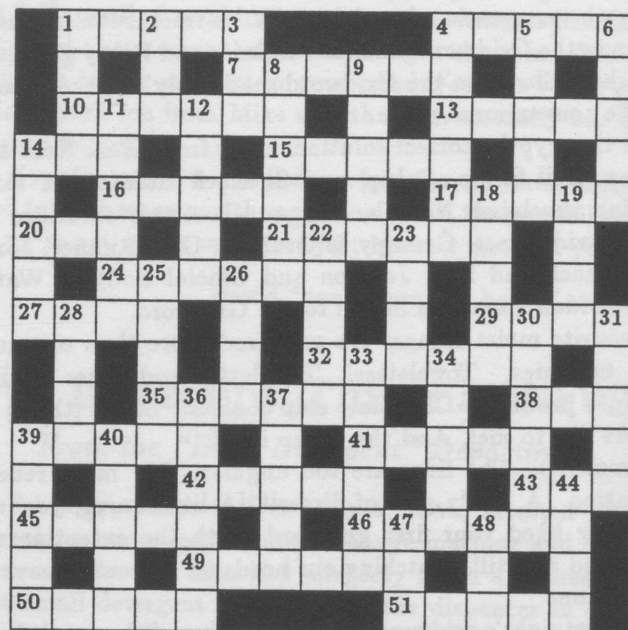
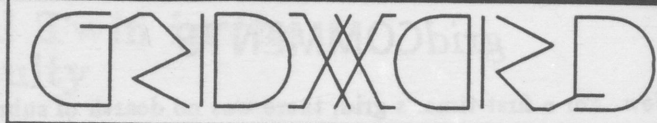
## Grid Clues (Cryptic)

Across

1. Bend light and make sounds with correct pre-sum. (5)
4. Look left! Kelp Pa! A teacher's treat. (5)
7. Interrupt a legal question thing. (6)
10. Our mother, a noblewoman, carries a sickness. (6)
13. Covar(Y,X) holds meaning for both Stats and Women's Studies. (5)
14. Naive tree-blood person. (3)
15. Acquire the skill of placing the ear within a natural log. (5)
16. What's the air I.Q. of an eastern country? (5)
17. Adjust dimensions, accommodating position transformed. (5)
20. Five vowels, by means of imagination. (3)
21. Did we lose an adjustment? The cash register aborted! (2,4)
24. Newsman Dan is somewhat undecided. (6)
27. You... You... You destroyer! Go fluctuate!! (2-2)
29. Gasp! Amazon citizens abusing e-mail? (4)
32. Intermittent signal easy: knit moon over northern man. (6)
35. ShriLL L.T. replacement embarrassed about garment. (1-5)
38. Humourless Rhoda mulls over empirical unit. (3)
39. Italian manor renovated. (5)
41. A scarf covering over the beheaded neck. (5)
42. Elvis's gopher truly counts every third number. (5)
43. Where's your big blue bib? Mine's here. (1,1,1)
45. Forget the right to build. (5)
46. Excitement of parlour refurbishing destroyed the centre-piece. (6)
49. Build pimple pronoun instrument. (6)
50. Teaching assistant with garden tool formed California lake. (5)
51. Susan Auch's beau wears a beast's collar. (5)

Down

1. I am up a tree like a cat. (4)
2. A column support that broke par is now infirm. (3)
3. Bold style of arithmetic. (3)
4. Eaton always was lacking musical inflection. (6)
5. Someone help Lazarus to the square. (5)
6. Blind polygenetic non-clone baffles country scientist. (5)
8. Credit to author for recount of New York liver secretion. (2-4)
9. Watch suave actress Linda flip you backwards. (5)
11. In the ape year, re: bee farm. (6)
12. Separated by a par three. (5)
14. Soy sauce spread around short avenue in French region. (5)
18. Listen, each day is some strange belief. (5)
19. A tip: bread rises. (4)
22. Peace on command. (5)
23. Although frenzied, I am O.K. (4)
25. A vessel, or a completely disorganized tee. (5)
26. That quiet usher took mah 'tater. (4)
28. Use a zany 'toon to prove continuity. (4)
30. Venice heroine drives a Porsche. (6)
31. My odd permutation reveals hardware within. (5)
33. Like David, you taste blended. (6)
34. ...and in current events, another army has invaded a neigh-



- bour... (5)
36. Verbally, his knees blew out suddenly. (6)
37. When passin' go, two c-notes and a hunk'a gold is yours. (5)
39. Rebuild Enterprise for increased tour-of-duty. (5)
40. Harry, my religious gift is overstocked. (5)
44. Al, either prepare to warble or get tossed. (4)
47. Without an apron? You're no amateur! (3)
48. You boor, be a sphere! (3)

## Grid Clues (Conventional)

Across

1. Heavy gas. (5)
4. Causing death. (5)
7. Pearl bed. (6)
10. Not at sea. (6)
13. Ooze, as in confidence. (5)
14. Type of bread or whiskey. (3)
15. Mounted weapon. (5)
16. Like some decongestants. (5)
17. Two-tone animal. (5)
20. Warner sister. (3)
21. Point of entry for electricity. (6)
24. Reputed. (6)
27. Colourful stone. (4)
29. American or pull. (4)
32. Like some tissues. (6)
35. Class of computer graphics. (6)
38. Psyche element. (3)