

math NEWS

Volume 93, Issue 2

Friday, October 3rd, 2003

HAMPTON HAPPY!!!

Toronto — It was an exciting fall evacuation campaign, but last night it became clear that the New Democratic Party won. “We easily obliterated our foolish opposition,” said Howard Hampton.

“Our plan to take over the private sector — I mean lead the huddled masses of Ontario is now complete”. They then announced that they will go ahead with their plans to decrease sales of Mr. Potato Head and increase sales of Mr. Hampton Head.

Meanwhile, Dalton McGuinty said “We vow to



NDP NOSE-OUT NITWITS!!!

POTATO HEAD

play nice with others, one day when they'll be trying to unionize in the legislature we'll —”, at which point he was stomped on the foot by a party spokesman, who then announced that they'll be holding a cook-off to select a new head chef.

The Progressive Conservative Party was caught whining, “Why does no one hate us? We promised lots of ... oh... wait they do hate us, that's why we lost. Our confusion. Sorry.”

The Natural Law Party noted that “Our flying yogi adversing techniques aren't working, next time we'll just try starting a commune.”

Elections Ontario noted that 100% of the people of Sweden were not aware at all of who ran in this election.

Wink Winkleman with files from Istanbul, Constantinople and all points in between

CONTINUED ON PAGE 1

SEE POTATO HEAD

ActSciting News

Do you have an uncontrollable hunger for RISK?
Do you want to TAME that beast, make it sit, make it CRY FOR MORE?

Well you can whip it good, at the ACT SCI CLUB!

We have books to help you prepare for your soa/cas exams AND we have events going on all week, like this Thursday in MC3030 we have sign-up day! and next Wednesday is a co-op panel/pizza party!!! and the run-on sentences never end! so come on out!

Jane Lee - ActSci Club

Come to SCUNT!

Calling all Mathies!

Are you full of enthusiasm, proud of your faculty, good with music, creative (can make things from seemingly nothing), know your trivia, like to cook (or help cook), enjoy road trips, have lots of stuff, or just want to have a world of fun?

If you answered "YES!" to at least one of these (or even if you didn't, we won't discriminate), then the MATHIE Eng SCUNT team wants you! We're probably already started, unless you're using your morning lecture classes efficiently and reading *mathNEWS* there (go efficiency!), so come to Comfy (MC 3001...the big room that has the vending machines on the 3rd floor) for noon to prepare for our opening skit (believe me, this will be cool...I've seen it, and helped write it).

Beatlemaniac

UWDJ Club Forming

Currently a group of UW students are forming a DJ Club. If you are a DJ you can join up, meet other DJs, and even get a chance to perform. We have the Bomber on Tuesday nights. If you are interested in learning more about DJing, come out to the intro DJing events we will be hosting. You can get your feet wet on real equipment. Also we will be working with other clubs and groups on campus. If you are interested, e-mail uwdj@hotmail.com to get more information as it becomes available.

Albert O'Connor
President of the UWDJ Club

ISSN 0705-0410

mathNEWS is normally a fortnightly publication funded by and responsible to the undergraduate math students of the University of Waterloo, as represented by the Mathematics Society of the University of Waterloo, hereafter referred to as MathSoc. *mathNEWS* is editorially independent of MathSoc. Content is the responsibility of the *mathNEWS* editors; however, any opinions expressed herein are those of the authors and not necessarily those of MathSoc or *mathNEWS*. Current and back issues of *mathNEWS* are available electronically via the World Wide Web at <http://www.mathnews.uwaterloo.ca/>. Send your correspondence to: *mathNEWS*, MC3041, University of Waterloo, 200 University Ave. W., Waterloo, Ontario, Canada, N2L 3G1, or to userid@mathnews@student.math.uwaterloo.ca on the Internet.

2-4-6-8 Who do we appreciate:

Chris Harasemchuk,
Louis Mastorakos,
Emerald Kushnier,
Ian MacKinnon

mastHEAD

Yeah! We're All Winners!

Probably one of the hardest things to do as an editor is to write a humour publication while there is an obscene amount of election buzz, which will be published after the results are in. So we really can't make any jokes too specific in nature, and even though the polls show one party ahead, we can't just assume that they will be in power. Between Monday and Friday, it could turn out the Conservatives were right and Dalton McGuinty does eat kittens and IS from a planet of reptiles. If that happened, and we predicted a Liberal victory, we'd look pretty stupid here, more so than usual.

Say what you want about the system in Canada, I prefer it to the US. The Yankees have an election that's over a year away, and you would think it was next week with all the coverage on CNN. Former General Wesley Clarke announced his candidacy a couple weeks ago and it was considered 'late'. 'LATE!', it takes more than a year to pick a President? Actually, it seems like the Yanks have actually been having trouble in that regard. I really miss Clinton, US politics has become like "Happy Days" without "The Fonz".

In tribute to recent election madness all over North America, we asked the staff for issue #2 "If you formed a political party, what would it be called?": BeatleManiac (The Green Rhinoceros party), Keslen (Air Shooters Anonymous), Sheep Nine (The not-at-all evil world domination party...really..), e (The "food for me; you all can suffer" party), Mo (NWA), Diana (The absolutely-no-clue-what-I'm-doing! party), Nicole (IT), Dan (The voter apathy party), Chronos (NAJP, national anti-jedi party), Gilad (The <your ad here> party), Eyal (Transfer Control Party/Internet Party), Jeff (The something something party of somebodies), Aleph (The Liberal Conservative Party).

Thanks to Campus pizza and Perfections of Publications at Graphic Services.

Ian W. MacKinnon (The TOGA party)

Louis (The Party of Awesome)

Krease (NJP, National Jedi Party)

Emerald (The smorgasborg party, tries to cater to everybody, but fails)

A note on CO 330

CO 330 is a course on Combinatorial Enumeration. In other words, it's a course on counting. We count lots of fun stuff, like how many times Jackson will "uuuuuuuummmmmmmmm" or say "rrrrrrrrrrright!". Here are a few notes for those interested in taking CO330 in the future:

1. Be prepared for abusive notation. For example, instead of saying "0", you will say "Kroenecker Delta".
2. Be prepared for really fun times. The prof, Jackson, is very funny.
3. Be prepared for counting the most random shit ever. Everyday is a new surprise
4. Be prepared for a challenge. Jackson makes some good assignment questions at times.
5. Be prepared for wrath.

Trailer For *Hobbit* Film Released

Jackson Expected To Announce Film Shortly

Less than a week after the trailer for *The Lord of the Rings: Return of the King* was released online, anonymous sources leaked a teaser trailer for *The Hobbit*, based on the novel by JRR Tolkien preceding the LotR trilogy. The thirty second trailer depicts scenes from an upcoming press conference in which Peter Jackson is expected to announce the creation of a movie version of *The Hobbit*.

The trailer consists of various shot of director Peter Jackson in a room filled with reporters, accompanied by an epic musical score. Fan reaction was mixed, with much acclaim going to the computer generated studio executives. "They almost look human" wrote frodude69 on a popular online forum. There was also much excitement about the hint of a massive battle scene at the press conference.

Despite the praise for the visual aspect of the trailer, fans were quick to criticize various changes to the character and plot, in particular a scene in which Jackson decapitates a reporter with an axe. Jackson was quick to defend this change to his character. "The fans might not expect me to kill somebody at a press conference, but I feel that it adds some tension to the scene."

Jackson also hinted at a possible ending change. "I know the fans are thinking that the movie is going to be made, but that isn't necessarily true. The only way to find out is to watch."

Dan Woodley

Provincial Election Results Madlib

Since this issue comes after the election is over we decided to write a post-election article but let you fill in the blanks (although we did leave some suggestions)

It was an exciting fall <election> campaign, but last night it became clear that <party everyone voted for> won. "We easily <crushed> our foolish opposition," said <New premier>. "Our plan to take over <the world> — I mean lead the <people> of Ontario is now complete". They then announced that they will <defenistrate> ahead with their plans to decrease <something> and increase <opposite thing>.

Meanwhile, <second place leader> said "We vow <revenge>, one day when they'll be <sleeping> in the legislature we'll —", at which point he was <conked> on the <head> by a party spokesman, who then announced that they'll be holding <a leader election> to select a new <talking head>.

<Random losing party> was caught whining, "Why does no one <love> us? We promised lots of <porn> and <free food>."

<Another losing party> noted that "Our <brainwashing> adversing techniques aren't working, next time we'll just try <bribing> <people>"

Elections <Canada> noted that <more or less> people <slept> in this election.

<mathNEWS reporter>

Unix Rant

Not being a CS or Math student and trying to use unix is interesting to say the least. (note I had to ask how to spell unix and then realized that in the left top hand corner of the screen it says Unix... go me) As someone who writes for *mathNEWS* and is not in the CS or Math program, Unix is a very strange and scary concept. Questions I asked have been things like where is the start menu? Why are there so many windows? I have to do WHAT to get where? What window am I supposed to be in?

I pestered people a lot about how to do what they saw as being very simple things. I also probably asked some very dumb questions in their opinions. I still do not know how to do much on unix beyond signing in. I know how to bring up wincenter, and have been mocked many a time for having to use windows. What can I say? I am Arts student. I just happen to hang out with a lot of Mathies.

You would think that one of the many Mathies I hang out with would teach me more about unix and how it works. I am pretty sure there would be some willing to teach me too... if I didn't hide/cringe/runaway everytime something beyond basic computer knowledge occurs in conversation. There have been whole conversations where I have interupted them to ask them what language they are talking in because as far as I could tell they weren't speaking English.

Don't get me wrong, I own a computer and have some general knowledge on how to make it go and problem solve when issues come up. But beyond that I am lost. This coding... strange concept, I always thought codes were something to be broken... ap-

parently you use them to make programs go. I even attempted to take a basic java course last term. Yay Robots, and I still don't really understand how all those words and things put together make a computer program run.

Tangent: to make things more interesting I just amused three people by somehow losing wincenter thus losing this article and when asked what I did to cause wincenter to close, baffle them by saying I just pressed the space bar. Thankfully when the person who's unix account I am borrowing to write this was around as to reopen wincenter you must enter your password again. Why do you need to do this I ask??? And even better the article was still here :)

I was also asked if I wanted a cheat sheet for unix for the editing thing for *mathNEWS*... I took the paper, I looked at and handed it back to him, he says "Let me guess, it's just gooblygook to you." Yup it was. This whole need to place brackets and letters around words, sentences and such to make them do things you can do perfectly well in a wordprocessing program makes no sense to me. Why make more work for yourself when there is something that will do it for you. Perhaps I am lacking the knowledge for the reasons as to why you people do this or you are just gluttons for punishment. [*I'm a glutton - why else would we do this?* — *KreasEd*]

So in closing, I will stick with my mock windows and let everyone else around me use this strange unix system. It's probably safer.

N

Want more mathNEWS? Come write for us! Our next production night starts Tuesday October 14th, 6:30 pm, MC 3038

Isabelle Ver. 2.0

Weather network executives announced today plans for hurricane Isabelle Ver. 2.0, after the reasonably weak beta version was unable to kill a single person in Canada.

"It was pathetic," the executive said. "We thought we had all the bugs worked out, but Isabelle was far less powerful than it should have been. Our goals of submerging Newfoundland beneath the waves and using its resources for our own schemes have been seriously set back."

The new version of Isabelle, given the development name of Fluffy, has several new features planned. Barbed hooks, poison sacs, and random pyrotechnic explosions are all on the feature list for this new, more powerful hurricane.

"We have great expectations for Fluffy," the executive said. "Isabelle may have been a flop, but we've learned several valuable lessons from its failure. When Fluffy is unleashed upon the world, people will quake in fear before its plasma discharges and 75mm shells. Taking a cue from the newest James Bond movie, we're also manufacturing Fluffy with its own directed solar energy weapons."

Photographers who were assigned to get pictures of the prototype hurricane were brutally slaughtered by its razor-sharp claws and venomous scorpion tail.

"I've got a good feeling about this one," said Death, senior developer and project lead. "I took a whole week off to collect the souls from Isabelle's wake of destruction, but that worthless flop of a 'tropical storm' left me with nothing. Nothing! Those lazy-ass weather network scientists better get it right this time. NO ONE screws around with Death. I had nothing to do for a whole week, and I lost a week's pay from my other job as a taxidermist!" Death then proceeded to smite down one of the plumper scientists with a heart attack.

The executive dismissed concerns about the 'gamma version' hurricane becoming too powerful and escaping from the lab to wreak untold havoc. "Honestly, after Isabelle, ANYTHING is an improvement. Besides, nothing like that has ever happened before, and nothing like it could possibly ever happen. Fluffy is a friendly hurricane, isn't that right? Isn't that right? Yes it is, you're a friendly hurricane!" The executive then scratched the hurricane behind what resembled its ears, but were later determined to be sonic amplifiers designed to shatter glass for maximum collateral damage on the upcoming apocalypse.

No date is currently set for Fluffy's release, other than "when it's done."

Sheep Nine

Don't You Just Hate Them

I know I do!

You know what I really hate? I really hate all those people who try to get into my classroom before I get out of it. I mean, there I am just trying to get out of the classroom, and I have to shove my way through eighty-some people trying to get in. I know it's happened to all of you, trying to wade through a sea of backpacks, crashing into them at every step. Oh well, it can't last forever can it?

Wait a minute, wasn't that your backpack I crashed into on my way out of my last classroom?

Frustrated Exiter

Names For New CSCF Servers

One of the side-effects of the splitting of the Math computing environment is that the CSCF servers have been left with really lame names, such as `cpu02.cs`, `cpu04.cs`, etc. We at *mathNEWS* see this as a really crummy system compared to something like the dead Mathie scheme used before. Thus, we suggest the following names for servers:

The Cute

- Spanky
- Upchuck
- AgnesisZombie
- DescartesDesucks
- MFCFSUX
- Yomomma [*Heh, ssh into your mom... wait, why am I using an editor tag in my own article? — iEd*]

The Descriptive

- Crashprone
- EZhack
- Molasses
- DDOSTarget
- BSOD
- Pingbombbait
- Moneypit
- NeverNeverUp
- CSPowerTrip
- Nofirewall

The Inevitable

- Gates
- BillGates
- WilliamGates
- WilliamHGates
- WilliamHGatesIII

Ian W. MacKinnon

Pure Math Quotes

Here are the top ten quotes you hear from Pure Math Majors:

1. "No, I do NOT take Pure Math 330."
2. "Stats??? I'll just take Measure Theory."
3. "Math 13X ??????"
4. "Computing Integrals??? I'll just prove the integral exists."
5. "Of course I don't have a girlfriend!!"
6. "What are you talking about?? Jackson's AWESOME!!"
7. "You don't know Mo? He's the black one!"
8. "Ugh... I have 4 assignments due tomorrow."
9. "There's a GIRL in our class!!!"
10. "That's your proof?? ... You must be in CS."

This list is randomly ordered.

The Ebony Mathematician

**Come to SCUNT,
SCUNT is FUN!
Come right now,
Don't walk, RUN!**

CS Department to Strengthen Pre- and Post-Conditions

Pre: you have a sense of humor and you didn't ask whether you could assume mothers are female

Post: you will laugh

After dozens of questions from students on the CS message boards seeking clarifications on the finer points of their algorithms, the CS department has undertaken plans to strengthen the pre- and post-conditions of their CS 133 and CS 134 assignments.

"While we originally thought our pre- and post-conditions amply described the algorithms we want the students to write, the questions on the message board clearly demonstrate otherwise," said a member of the CS department. "The decision to strengthen our pre-and post-conditions, project PPC, is our attempt to alleviate all possible confusion on our upcoming assignments. And we mean ALL of it."

One of the common questions is whether the algorithm works for cases involving zeros. The CS department considered writing that the algorithm should work for natural numbers, but felt that this was too ambiguous. Therefore, pre-conditions for assignments will list all the numbers that all the variables must work for. In the case of natural numbers and general algorithms, this will result in pre-conditions that are infinitely long.

"Many of the questions on the CS 241 assignment regard the UnidentifiedOpcode compile-time error and what it means. It seems obvious to us; an unidentified opcode is an opcode that isn't in MIPS. The students are having a really hard time with us. We take this to mean students are trying to use UnidentifiedOpcode exceptions to somehow get the required output. Therefore, the post-conditions for all our algorithms in that course will include 'this algorithm compiles without throwing UnidentifiedOpcode errors'. Hopefully this will clear up this problem."

"I'm really looking forward to the new specifications," said a CS 133 student. "Like, it's so much of a load off my mind that I don't have to rewrite my algorithm so that it works when the

power is off. Before, I would have had to ask whether my program needs to work when the computer has no power, but now I know! It's SO worth the monolithic novel of a precondition that would take an arts graduate to read and understand!"

"I was really confused last year in regards to the maternity ward event-driven simulation," said another student. "The specifications didn't mention whether we could assume all the mothers are female. So, I had to write an isFemale() method in my Mother object and alter the constructor to accept a boolean at creation time for the gender of the mother. Then I posted, and found out we could assume mothers are female. I was so pissed! I wasted so much time on that isFemale() method!" The CS student then proceeded to drool slightly on himself, possibly because he's really stupid.

"Take, for example, one of the questions on the group now; 'does the program need to be able to run if dinosaurs retake the earth?' This is a very valid question. After all, the CS department encourages the creation of code that pleases whatever non-human overlords enslave the human race. We accept that this may make the algorithm a bit more complicated, because we don't know how many fingers dinosaurs may evolve to have, or what ASCII standard they use, or what logic system they use. Who knows, they may like trinary or even quaternary logic. But the code the students write should still run."

Another question found on the newsgroup is what exactly pre- and post-conditions are. The PPC project plans to have as part of the pre-condition that 'this is a pre-condition', and have a similar statement for the post-conditions. Also, students have asked how many pre- and post-conditions they need write for each of their methods. PPC guidelines state that their conditions must match the format CS uses.

The PPC project assumes that the universe really exists and is not a figment of everyone's imagination. However, if this assumption is not properly stated by the PPC, further revisions to the PPC may need to be instated.

Sheep Nine

MFCF/CSCF Splitting Continues

In a shocking announcement yesterday, the Computing Facility at UW reported that they will continue the split of their resources. A mere month after the first split into MFCF and CSCF, pressure was put on the Facility by some of the departments to also have their own servers.

"CS isn't the only unique program within the Faculty of Math," said a disgruntled Stats prof. "It's time we got our own STCF!" The idea received similar support from Actuarial Science as well, and was also well-received by other departments. "Why the hell would we want to have all that statistical and actuarial software clogging up our servers?!?" remarked a C&O prof. Not to be left behind, AMCF, COCF, and PMCF are on the way. "We don't know what we'll use them for," said a PM prof, "but it would be so cool! Now where do I catch the system bus anyway?"

CS has also embraced this idea, with plans to create ISCF, CGLCF, ISGCF, PLCF, AICF, ORCF, SECF, and a plethora of others. In fact, if the process continues, every student in the faculty will have their own CF, and only in approximately $O(n \log n)$ time! Imagine how efficient that will be!

Diana

Co-op strikes again!

So co-op season has started. For some students, this will be the start of learning how to make web based programs terribly redundant (yes, we all want to tell a website what we want to do 5 times before we do it). And then once you've told the system what you want to do, you have to figure out that your faculty code is something completely unrelated (MATH would make a hell of a lot more sense than CO). Not to mention that you're only allowed to apply to 24 jobs, unless you happen to apply to some of the "do not count towards your 24 application limit". It would make a world of sense to be able to do a search on strictly this set of jobs. Then again, we were supposed to have the "online application with a softcopy resume" available for LAST term I was on campus (Winter 03) and it's STILL not implemented. Anyway, if all goes well, I'm going to be working somewhere, doing something next winter term.

Good luck to all you co-oppers... unless you're applying to the same job as me!

Beatlemaniac

profQUOTES

"Oops! I walked through the p."

Biedl, CS 134

"I think I did some of my best driving while drunk."

McClinchey, SOC 101

"Anal retentive is good."

Small, MATH 147

"[after making a mistake in writing on board] It's freaky Friday! I'll be turning into a student in just a few moments."

Small, MATH 147

"If you want to find someone who can't add, subtract, multiply, or divide, go find someone who is really good at high level mathematics."

Kenyon, PHIL 100

"What's a good mark? Let's say 50 or 51."

Phillips, CS 134

"This is what we call a one-line situation. I did it on three lines, but it's called a one-line situation."

Wagner, MATH 135

"I would suggest you forget what you learned in OAC."

Wagner, MATH 135

"[writes on overhead] U.S.D.D., United States Department of Defense = paranoid."

Vasiga, CS 241

"Every day, you start in a state: Grumpy, (grunts) grumpy. Then you have some cereal, Captain Crunch, (grunts). Less grumpy."

Vasiga, CS 241

"At the end of the day, you could be in a bed, which is a good final state. Or you could be in a bad final state: Turkish jail."

Vasiga, CS 241

"Once I am in the error state, I never leave it. It's kind of like Scarborough."

Vasiga, CS 241

"[after about a half hour of class] Projector is out of focus, the mike makes some funny noises... I don't know, let's go home."

Zima, CS 341

"Well, I don't think even my grandmother could do it. And she's really good."

Verstraete, MATH 239

"You'll eventually see that what we do in this class is bogus."

VanderBurgh, MATH 137

"Programming is not a democracy."

Graham, CS 133

"It's not another topic... it's a whole 'NOTHER topic."

Williams, MATH 135

"They probably didn't say 'an alphabet is a finite set of symbols' in grade one. They could have, but they didn't."

Vasiga, CS 241

"This [points to random scribble on board] could be Prince's new name."

Vasiga, CS 241

"Those are two different nothings."

Vasiga, CS 241

"This looks interesting because it has math involved."

Vasiga, CS 241

"Every program you write from now on should have a variable named Troy."

Vasiga, CS 241

"Syntax error? What the hell is wrong with you?"

Vasiga, CS 241

"Compilers typically don't tell you: 'Warning: check the newsgroup again.'"

Vasiga, CS 241

"Sorry for running overtime today. I will take the time out of the midterm."

Marcoux, MATH 247

"I got some wiring problem in my brain; I often say n and write 2."

Wolkowicz, MATH 235

"I am not a very clever person, I just know a lot of calculus."

New, MATH 137

"The root cannot be named 'fred' because it might also be named 'james'."

Small, MATH 147

"Privates are only visible within this class."

Graham, CS 133

"It's like politics... you have to come from the right or the left. If you come from both, you won't get elected."

Small, MATH 147

"Having crossed the bridge, we try not to look back. Especially if the bridge may be on fire."

Small, MATH 147

Ebony Space: Sports & Money

Sup y'all,

So I have mad beef with sports players now. The 76ers (basketball team) have signed Allen Iverson to a 4 year deal worth \$76 million dollars. Ok, come on now!! \$76 million??? Is that necessary? I know capitalists are gonna stress about how his clothes make mad dough but, I don't business!! I'd rather give a crap load of that money to starving children in Bangladesh. Sports are hype but still yo, those dying children are stressing as ass!!! No food for a family of 17 and the oldest brother has to get some from some random place and quit school, and some guy dribbles a stupid ball and gets \$76 million. This is stressful...

The Ebony Mathematician

The Adventures of Lino in Kenora

The unofficial sequel to Alice in Wonderland

Once upon a time, Lino fell through the toilet. When he awoke, he was in a magical land with fish and bears. Just then, a strange muskie leaped out of a nearby lake and smiled at him.

"Hello Lino! I'm the Cheshire Muskie. I will be your magical fish companion for your journey. First, you must drink this magical elixir made from a mixture of private stock and lysol."

And so, Lino drank the strange drink that the strange fish offered him. "I'm growing fins!" proclaimed Lino.

"You got that right, hoser. Now you can follow me down the Lake of the Woods as we swim past the A&W to Tim Horton's. We call it McTim's."

And so they went to McTim's. They met Kaleb, who danced and put money in a coffeecake. Lino had a jolly good time.

But Lino had too much coffeecake with money in it. "I'm shrinking!" Lino cried.

"Don't worry" said the ocean of caterpillars on Hwy 17 East.

"Who are you guys?" asked Lino.

"We're the ocean of caterpillars. We're an epidemic that occurs every five years and sometimes you can look at the side of a house and we just cover the wall."

"Neat!" exclaimed Lino.

"Yeah, well anyway, you're not shrinking. You are simply eating a giant kit-kat bar from Safeway. You see, at Safeway (our grocery store), the discount bins have giant chocolate bars for only 50 cents!" And so Lino was relieved.

"There you are, Lino!" said The Cheshire Muskie as he jumped out of Rabbit Lake. "Don't stray far from me, Kenora can be a mysterious place."

So the magical fish lead Lino to The Loaf'n'Jug, Kenora's convenience store. "Wow!" said Lino. "They have everything here. Even fish flavoured ice cream!"

Lino walked by the beer store where he met Andrew and Matilda, the local bums. "Come", they said, "We are on the way to a tea party at Zellers" And so Lino followed them to Zellers, where they sat at the patio furniture section.

Just then a mad trucker walked in. "Hello! I'm The Mad Trucker! Are you ready for my craaaazy tea party?"

"This isn't tea!" Lino said in a thick Canadian accent. "Of course not", said The Mad Trucker. "This is whiskey mixed with mouthwash! That's what makes this a craaaazy tea party!"

"I've got to get out of here, eh!" cried Lino. Quickly, Lino made a mad dash through Canada's most profitable Zellers, past the horrible cafe where the old people (who smoke 4 cigarettes at once) eat.

"YAAAAAAAAAAAAAAAAAH" said Lino. Suddenly, Lino found himself running in a U-shaped path and then he ended up in Extra Foods (another grocery store).

"Oh no!" said Lino. "I ended up in Extra Foods! All they have here is President's Choice and NoName products"

Just then, The Cheshire Muskie jumped out of Round Lake (which incidentally, is not round). "Lino, you impeccable boggin! Everyone knows that if you make a mad dash through Zellers you end up in Extra Foods." "What's a boggin?" asked Lino, who got no reply.

"Lino - you must face the Queen of bears in fishing match. Fishing is the sport of Kenora. If you do not beat the Queen of bears at fishing, you will lose your Tilly hat. If you reel in the most bass, you will be dubbed the bassmaster and I can take you down the Winnipeg River, which is full of dead moose bodies

and garbage. Then you will ride a dead moose body down through the nexus of Ontario where you will end up in your home in Thunder Bay. Either that or you can take a Greyhound bus"

"You talk too much" said Lino. "Let's get it on!"

So The Cheshire Muskie swam and swam and Lino followed. And they swam day and night. They swam past the Boston Pizza, and around the KFC. Stopping along the way only when weary, in order to dine on technical water (where one orders "technical water" and receives their drink of choice)

"We're finally here!" said the Cheshire Muskie.

"What a great forest!" said Lino

"We call it 'the bush' here" retorted the Muskie, angrily.

Just then, a large kingdom of bears emerged from the caves.

"State thy business!" demanded a guard bear.

"I am Lino, of Thunder Bay. I have come to challenge the Queen of Bears at a fishing match!"

"Then the tournament shall begin at dawn." announced the royal announcer bear, "And should he lose, then off with his hat!"

"But that's the source of all my power!" exclaimed Lino.

"Oh, I forgot to tell you." said the Muskie. "Bears fish with their claws so you have to play by their rules".

"But I don't have claws!" said Lino.

"Then ye hath losteth by forfeiture." said the Queen of Bears. "Off with his hat!!"

"What have you gotten me into, you stupid muskie!"

And suddenly the Muskie laughed maniacally and disappeared into the depths of Longbow Lake. Lino was in trouble. He ran and ran, until he came upon a sign that said "Kenora Airport". But the airport was closed. So he ran some more. Then he came upon the Kenora Harbourfront. A friendly skunk was at the booth.

"I need a boat!" said Lino.

"You need about what?" asked the skunk.

"No, no! I need a boat! You're all mad!"

"Oh, you want to get home. You already have a boot - two of them, actually."

"Not a boot, a boat!"

"No Lino, don't you see, you could have gone home at anytime. All you had to do was click your boots together and say 'There's no place like home, y'know eh'"

Assuming Lino is capable of following instructions, he eventually ended up at home. "Wow!" said Lino. "There's so much to do in Kenora. I used to make fun of it, but now I have learned the error of my ways."

Then Lino did the safety dance, and he sang the Shawn Michaels theme.

Eyal & Ivan

An Arbitrary (Albeit Alphabetical) Alliterative Article

Another article! But behind closed curtains, dark deals enumerate (especially for fun). Generally, good happiness happens in interesting joints; just keep kind logarithms loaded. Moreover, mathies need not overindulge or pretend people quit (quite recently, really). Slowly, silently, time ticks under us. Violent Venns willingly write X: (x, y). Yeah... zebra zebra.

aleph

Frosh Corner

Not the horrors of Frosh Week, but something entirely different

Well, it's official! I am now the Cornered Frosh v3.0 beyond a shadow of a doubt. It's kind of fun actually. In any case, just a quick word out to Ian, the editor: Have no fear, there is absolutely no way that I will be following in the footsteps of Raymond. Who on earth needs flowcharts to make it to five pages?! In any case, I know that I promised you a glimpse into my absolute worst frosh experience, but some upper year students have told me that they would be extremely bored to read such an article. So I changed it. I will instead rant about the co-op program, which gained much appeal from the upper year students. I will thus tell you all about the day I was put through hell by the co-op system. It was the Wednesday of Frosh Week (when did a frosh ever *really* follow the advice of an upper year student?).

My goal for the day was to enroll in the co-op program. For some reason the powers that be decided that I was not worthy of the honour of being paid to be educated, and I wished to challenge this decision. My first stop was the Math Undergrad office, the obvious first choice for almost anything related to anything (if you're a math student). They told me that the Co-op building was the actual first choice for my quest. As you may know now (even though you probably didn't on that fated Wednesday, as I did not), the Co-op building is essentially on the opposite side of the campus. And so my journey began.

In a perfect world, the Co-op building would have been the last point on my journey (or at the very least the first relevant pit stop). As you may have already guessed, the world we live in is far from perfect. The nice people at the Co-op building told me that I had to visit the registrar's office at Needles Hall. I'm sure you know the campus well enough by now to realize that Needles Hall is right beside the MC Building [*it's really not, but I'm sure you'll eventually know the campus well enough to realize that — EmEd*]. Thus my trek continued.

I finally achieved something in Needles Hall. They gave me a form to fill out. I was quite ecstatic! However, when they told me that I needed to take that form to the Co-op building, my joy faded briefly. Only briefly however, for as I was retracing my route across campus, I came to the realization that my quest would soon be over.

Alas, it was not to be! Apparently this form must first be signed by the MUO, and then I would take it back to the Co-op building for finalization. This meant another two trips across campus. Oh well, the exercise would do me good, so I happily continued my journey. When I reached the MUO once more, I did so in high spirits. I would finally get the necessary documentation to allow me to enter into the co-op program.

Of course, if I had actually been entered into the co-op program, there would be no article to write. Thus you can be certain that the MUO essentially told me that I had wasted the four hours wandering across campus as the form I had brought them was useless. The only possible venue into the co-op program was to submit an application in March.

In addition, after this experience, my little toe on my left foot decided to develop a very painful, throbbing blister. I'm not sure what possessed my little toe to create a blister, but it sure was mad at me for some reason.

There is a happy ending, though. There wouldn't have been if I had written this article last week (and I did in fact write this article two weeks ago, and I just sat down to write this conclusion today), but since then something happened that made it all worthwhile. I decided not to take co-op. My reasons for this are twofold. First, I have heard from some upper year students that the jobs you get when enrolled in co-op tend to be not as good as other jobs might be. Second, and more importantly, I fully intend to enroll in my masters degree after I finish my bachelors and this will mean I can start that one year sooner. I'm sure that if you are in co-op it is the perfect place for you to be, but I am not, and therefore it is not for me.

In any case, I have a real treat for you next issue. I can't put it here because the editor would get down my back if I did (and despite my opening quip, I don't *really* want to piss off the editor, he could cut my articles down to every other word if he really wanted to). However, everyone knows that Mathies are far superior to Engineers. However, next issue I will offer a very convincing proof of this fact.

See you next issue!

Keslen
Cornered Frosh v3.0

One-Liners

CIBC recently gave 1.6 million in undergraduate scholarships to Math Students — this is expected to double the amount of unclaimed scholarship money by Math Students.

One UW student and one alum are running for city council — their slogan? "If you're over 30, screw-ya!"

Laurier Business programs are on the verge of de-regulation — if things get any worse they'll have to give up wearing designer labels.

The warriors football team has been tanking lately — the athletics office has stated that they will start using scientific notation to show the opposing team's score.

The School o' CS says they need more room — goodbye 'Modern Languages' building, hellooooo 'Formal Languages' building.

A school board in Hamilton has segregated a 'boys only' class so kids could concentrate in class more — this was modeled after MATH 147 classes.

CECS has said that a trial group of co-op students will use the new online system starting soon — the first group will be chosen from those who nearly rioted last week when they were in line to drop off resumes and they were locked out.

President Bush went before the UN last week in order get help for policing post-war Iraq — in order to get it, he had to promise that 'freedom fries' would be renamed 'foot-in-mouth fries'.

Ian W. MacKinnon

mathNEWSquiz #2

Back to the Squiz

Hey everyone. Have you ever stopped to wonder who the first person to receive a PhD was? I'm certain he didn't have a supervisor that also had a PhD. Hmmmm... Anyway, time for some answers to the last squiz. **Words starting with "fas"**: 1. Fasten 2. Fashion 3. Fastidious 4. Fascist. **Simpsons Guest Stars**: 1. Kelsey Grammer 2. Harvey Fierstein 3. Danny DeVito 4. Michael Jackson **Days that will live in infamy**: 1. Japanese bomb Pearl Harbour 2. Stock market crash triggers Great Depression 3. President John F. Kennedy assassinated 4. Archduke Franz Ferdinand assassinated **Actors & Roles** 1. Arnold Schwarzenegger 2. Jim Carey, 3. Matthew Broderick & Jonathan Taylor Thomas 4. Sgt. Slaughter **Song Lyrics**: 1. *Istanbul (Not Constantinople)* by They Might Be Giants 2. *Carrot Juice is Murder* by Arrogant Worms. *Never Let You Go* by Third Eye Blind. *Objects in the Rearview Mirror May Appear Closer Than They Are* Meatloaf. **Bonus answer**: Nothing!

We had two entries to last weeks one from Mark Toivanen and one from the SJU Crew. After a tie with only one wrong answer each, the winner is SJU Crew. Well done. You can pick up your prize the same place you always do. Unless you are on work term, at which point it defaults to me!

Song Lyrics

1. A candlelit dinner, now we're holding hands
I taught you how to draw your first pentagram
We went miniature golfing but we didn't get far
Because we used the clubs to play air guitar
2. Your faith was strong but you needed proof
You saw her bathing on the roof
Her beauty and the moonlight overthrew you
3. This is the story of a girl who cried a river and drowned the
whole world
4. Some folks dream of the wonders they'll do
Before their time on this planet is through
Some just don't have anything planned
They hide their hopes and their heads in the sand

Ontario Political Parties

1. How many political parties are registered in Ontario?
2. Which party's election platform was called *A Better Way to Live*?
3. Which party, which ran six candidates in the provincial election, recently won a Supreme Court battle to strike the law requiring parties to run at least fifty candidates federally in order to be registered?
4. Which UW professor sits on the executive of an Ontario political party, as a member of its Ethics Committee?

The Worst Movies of All Time

Identify the following movies, which have been voted as the bottom 100 of all time.

1. The worst of the worst, this Affleck-Lopez bomb is currently ranked number 1 of the bottom 100.
2. What sequel features a voodoo-animated corpse that can only move when it hears music?
3. What movie from the 1990's featured a professional sports star playing a genie?
4. Both zombies and flying saucers feature in what canonically awful movie from the 1950's, in which aliens invoke a plan to reanimate corpses?

Facutly of Mathematics

1. What is the only course that all students in the Facutly must take?
2. Who is the dean of the Faculty?
3. How many departments are there in the Faculty, and what are they?

Good luck everyone, remember to e-mail your submissions or put them in the black box by 6:00 pm next production night, which is the second monday in October.

π & Eigenvector

So You've Decided to go Without Internet

If there's one thing I've realised, it's that being in CS and not having and internet connection at home is a horrible, horrible combination. Not only can I not do my assignments from home, but I can't get my daily fix of useless information! I haven't read a blog in like ... a month! Yeesh!

...
Ahh. Now that I've had my fix of blog-reading, I suppose I can continue with the mindless babble that is this article. Where was I...? So, yes. Here are some things that you can do to occupy your time now that you've ridded your home of the vile internet demon.

- call a random ISP, ask them about their services, then yell "SILENCE, FOUL DEMON!"
- paint your room
- clean your room
- reorganise your room to give it a more cozy feel
- paint your keyboard ... you aren't using it anyway

- switch to AM/PM
- watch the paint dry on your freshly painted walls
- go to your friend's house, download the internet to a floppy disk, then bring it home
- get a bonsai tree and watch it grow
- get someone else's bonsai tree and set it on fire
- optimize your most recent linux kernel
- optimize your most recent linux kernel for every other system configuration and copy them to disk so that you can give them to people who aren't good enough to do it for themselves
- set stuff on fire ... like cable modems
- call a random ISP and beg them to hook you up because you're going insane

gridCOMMENTS

There's no comments like gridCOMMENTS, there's no comments I know...

When I was 17, there was some very good *gridCOMMENTS*, there was some very good *gridCOMMENTS* that I read in *mathNEWS*. The editor was Bradley, when I was 17*mathNEWS*

So last issue we had a bunch of submissions for our Cryptic. Ben, Ian's Mom, Adam Felix, and Matthew Tripp were all forced to bow down to Beatrice's might as she won the cryptic with a perfect submission. Also, Catherine & Katherine won the Conventional by manner of being the only ones to submit an answer. Feel free to pick up your \$5 C&D gift certificates from the MathSoc office.

Sadly last issue, Tyler neglected to ask a *gridQUESTION*. Lots of people told us to "Put the cart before the horse" but that was obvious. So I was wondering: "What should next issue's *gridQUESTION* be?". Submit your question along with your answer to this week's grid and see whether your question is picked for next week's *gridQUESTION*.

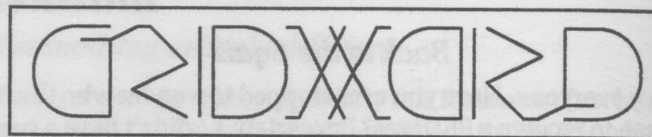
Louis

The Cryptic Clues*Across*

1. Get the wrong letters because Mel lisps badly (8)
5. Hates to sound like six-pack sluts (6)
10. Where rain went after drizzle began (5)
11. Brotherly once removed (9)
12. What Nurse and I become in future, e.g. chest dressers (9)
13. Shed worth junking (5)
14. Gets nervous about verb forms (6)
15. Overdue hobby? (7)
18. Captures reported telephone solicitors (7)
20. Where to get course description (6)
22. Places out east where roots are (5)
24. His jokes make you vomit (3-6)
25. Burying coins in ceremony is hypocritical (9)
26. Doctor, pneumonia killed Anne despite drug (5)
27. Ravenous Attila, growly, disposes of bird (6)
28. Ran raw red steak exchange (8)

Down

1. Change if my "do" collapses (6)
2. In moist air we'll step on it (9)
3. Recliners happen to make a point (6-9)
4. NHL, MLB and 20,000 (7)
6. Start over: Get the wrong letters because Mel lisps badly (4,2,6,3)
7. Looker who likes a looker (5)
8. Slumped back, Del warps (8)
9. Where the descant goes to fix car (4-2)
16. Think chic make-up: how much is enough? (4-5)
17. One-upmanship in a poker game (4,4)
19. No, Al, egg salad recipe is settled (6)
20. Piece found in mixed gemstones? No? So? (7)
21. Portrait artist was falsely accused (6)
23. Crime is bad reason to give up last hope (5)

**The Conventional Clues***Across*

1. Server (8)
5. Musical, for many (6)
10. Tine (5)
11. Careless (9)
12. Acrobatic wire (9)
13. Fold (5)
14. Being (6)
15. Caretaker (7)
18. Gave in (7)
20. Medieval social system (6)
22. Weave, such as Harris (5)
24. Tools (9)
25. Contour chart (6,3)
26. Clumsy (5)
27. Painter, for instance (6)
28. Insulator (8)

Down

1. Critter with antlers (6)
2. Not carbon-based (9)
3. Ethical disposition (5-10)
4. Feeling (7)
6. Next in line (4-11)
7. Councillor (5)
8. Parallel (8)
9. Exit (6)
16. Cessation (9)
17. Source of some infection (8)
19. Seems attractive in the night (6)
20. Mistake (4,3)
21. Position (6)
23. Approval (5)

