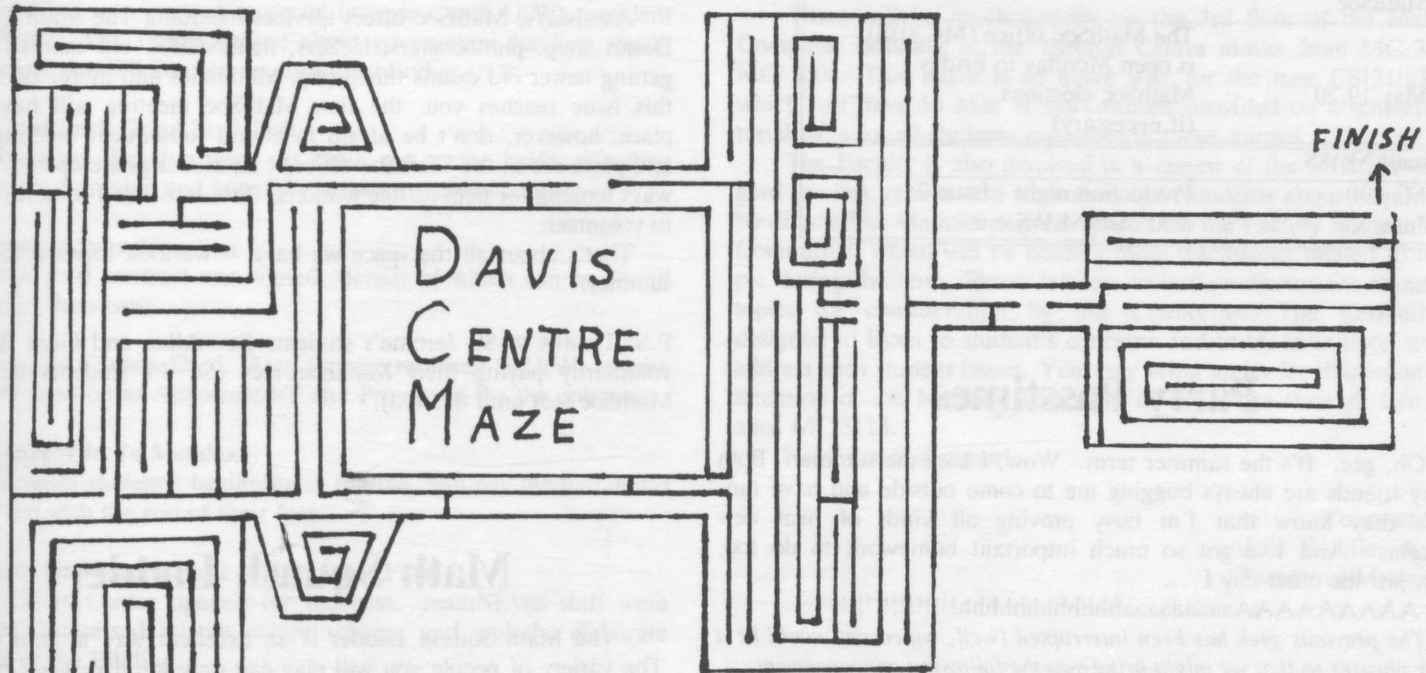


math NEWS

Friday, May 13th, 1988

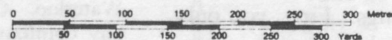
Volume 47 Number 1



LEGEND

- | | | | |
|---|--------------------------------|---|-------------|
| ? | Information | □ | Parking Lot |
| ⊞ | Kitchener Transit Stop | ■ | Building |
| ⊙ | Grey Coach Stop | | |
| ♿ | Wheelchair Accessible Entrance | | |
- services for disabled persons ext. 1661 after hours ext. 3211
- | TRANSPORTATION ROUTES | |
|-----------------------|--------------------|
| CAMPUS: | MUNICIPAL: |
| — | Paths |
| --- | Tunnels |
| --- | Access Roads |
| --- | Major Roads |
| --- | Major City Streets |
| --- | Other City Streets |
| --- | Railway |

SCALE
1:5,000



← START

INSIDE: DAVIS CENTRE:
THE TRUE STORY

LookAhead

Cinema Gratis	
May 18	The Specialist Agnes of God
May 25	Jungle Book The Aristocrats
June 1	Future Block Altered States
Fed Flicks	
	AL 116
May 13,14,15	Tin Men
May 20,21,22	The Princess Bride
May 27,28,29	Robocop
Co-op Reminders	
May 20	Want Ads available at 11:30 am
May 24	Job Applications due 4:30 pm Late Postings start 1:00 pm
June 8	Interviews Start
MathSoc	
May 19,20	The MathSoc office (MC3038) is open Monday to Friday MathSoc elections (if necessary)
mathNEWS	
May 30	Production night - Issue 2
June 3	next mathNEWS out

Party Passtimes

Oh, gee. It's the summer term. Wow, I hate the summer. Both of my friends are always bugging me to come outside and have fun. Don't they know that I'm busy proving all kinds of neat new theorems. And I've got so much important homework to do too. Why, just the other day I ...

AAAAAAAAAAAAAAAAAAAAHHHHHHHHHHHH!!!!!!!!!!!!!!

The previous geek has been interrupted (well, wiped out would be a better phrase) so that we might bring you the following announcement:

Okay folks, its summer! So what are we going to do about it? We are going to party our collective unmentionables off, that's what! How are we going to do that you ask? Well, let me tell you.

Your friendly MathSoc Social Directors, one of whom is me and the other is I'm not allowed to tell, have already got the ball rolling on a ridiculously large number of fun things to do during these hot summer months. Let's face it, most of us (with a few noted exceptions) are just looking for excuses to avoid studying in this great weather. Well here's a whole heap of 'em. We are planning trips to Grand Bend, Elora Gorge, and Exhibition Stadium. We are organising pubs at the Shelter and Fred's Mall. There should also be a Frosh Party, a Go-Karting outing, and lots of other events that I can't remember right now. With all this fun stuff, we should all be able to have a riot this term (if we don't fail too many courses).

I'll sign off after reminding you all of two things. First, you only have two summers on campus. Second, homework isn't *that* important. Hope to see you out this summer. I'll be the one with the silly shorts standing next to a blonde chick dressed head to toe in black, studded leather (my mystery colleague). Bye y'all!

Jumpin' Jack Flash

Soc Talk

Gooooood Morning, Waterloo!! Welcome back to another exciting summer term. We have chosen to replace the highly successful 'Prez Sez' column with 'Soc Talk' on behalf of the whole MathSoc executive so that everyone can share the credit (and blame) for society happenings. In case you forgot, we are:

Darryl Ricker, Prez
Mary-Jane Verboom, V-Prez
Paul Trudell, Trez

Events that are planned include a party for the frosh (paid for by the excess funds from Orientation '87), a Blue Jays game, a golf tournament, a beach day, a Brunswick House pub, a band (to be announced) and much more. Details of these events will be available in the MathSoc office (MC 3038) and on posters around campus. As well, we'll be touring classes to update everyone on MathSoc "stuff". Speaking of stuff, we plan to sell shorts, jackets and/or shirts this term, as well as the usual "stuff"; details will be available in the office.

As always, MathSoc offers services including The Math Coffee & Donut Shop, photocopiers, lockers, mathNEWS, old exams (we'll be getting newer old exams this term), Athletics and more. By the time this issue reaches you, the first MathSoc meeting will have taken place; however, don't be afraid to attend subsequent meetings (time and place are in the MathSoc office) - all meetings are open. We're always looking for help (office workers, class reps, etc.) so don't hesitate to volunteer.

That's about all the space we have - we look forward to a great summer.

P.S. Thanks to St. Jerome's students Bev Allan and Greg Bentz for voluntarily paying their MathSoc fees (St. J's students won't pay MathSoc fees until this fall).

DR, MJ, PT

Math Squash Ladder

The Math Squash Ladder is an excellent way to find partners. The variety of people you will play can only improve your game and fitness lel.

To add extra excitement, the top players (about 8) will be invited to play in the Math-Eng Squash Tournament, which should be in July.

For whatever reasons, if you are interested in playing squash and having fun, you can find the sign-up sheet (no charge!) and the rules on the hall windows of the C&D. The ladder will be up and running by Tuesday May 17th.

Gary Young

ISSN 0705-0410

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Production Manager: Tom Vandelloo
Financial Supervisor: Frank Letniowski
Frosh Issue Co-Editors: Tom Vandelloo, Stuart Hodgins

LookBehind

What You Missed This Winter

For those of you returning from frozen Pinawa to balmy Waterloo and for those of you returning to frozen Waterloo from balmy Windsor, here's a brief recap of the major headlines run in **mathNEWS** last term.

Apathy Runs Amok

Tom Vandeloop, editor of **mathNEWS**, continually ranted on and on about the distinct lack of student involvement in any aspect of MathSoc (so what else is new?)

Joel Pulls Out – Student Body Frustrated

Joel C. Rucker, candidate for Fed VP-OF, withdrew from the race from personal reasons but not before giving VP-to-be Shane Carmichael a few sleepless nights.

Doug Comes Out Of The Closet

mathNEWS was granted a special interview with U(W) president Doug Wright. Dr. Wright talked about government funding, credit requirements, the Billding, co-op, and lots of other stuff.

Watman And Duck Grind To A Halt

The famous Wat-duo were yet again put to the knife, this time with somewhat graphic and hopefully more permanent results.

C+D Contracts Something New

A new c+d contract was signed, details of which can be found elsewhere in this issue.

Brain Drain To Canada Dr. J. Alan George returned to U(W) to take up his new position as Academic VP and Provost of the the university.

Jerry's Kids Let In To MathSoc

St. Jeromes students, beginning in the fall, will pay the five dollar MathSoc fee with the rest of their fees.

DavisWorld: No Popcorn But Lots Of Candy Floss

The Davis Center opened for business. **mathNEWS** staff were particularly impressed by the colour scheme and and the elaborate duct-work in the Billding.

Work Reports – Why?

In the SAC, the debate raged over who work reports were actually being written for. In the Math faculty, two-thirds of all work reports are now being marked by masters English students and the writing clinic.

RCMP Raids Airheads

Many paranoid pirates got very nervous when rumours of an RCMP software piracy raid spread through the campus. These turned out to be just rumours and everyone laughed afterwards (except the RCMP).

Blast From The Past

Campus Rec

Almost everyone who signed up for a spot (and included there phone numbers) got placed on a team. Your captain should contact you by early next week. Some team info will be posted by the C+D, the rest is available in MathSoc (MC 3038).

Brett Martin
Mathletics Director

Welcome Back To Campus From the Dean

Dear Math Students:

I was very glad to receive an invitation from the Spring Term Editor of **mathNEWS** Richard McTavish to provide what he termed "a Welcome Back to Campus" message to Math Faculty students. I do welcome you all back to the campus for what I hope will be a productive and enjoyable term. It is certainly the most delightful term to be on campus since the weather and surroundings are at their best.

There is a great deal of activity in the Math Faculty this term as the Department of Computer Science settles into the Davis Centre and other moves will be taking place to relocate members of our other departments into space relinquished by Computer Science within the Math and Computer Building. It may be difficult to find professors and graduate students for the next few weeks but it is our intention to provide adequate directories in the near future to help with the traffic flow in both buildings.

There will be much activity on the 3rd floor of the Math and Computer Building as the Tutorial Centre moves from MC 3032 to MC 3004. This move is to make way for the new CS131/132 Lab which will have 50 Mac II workstations provided on a scheduled tutorial basis for all students registered in those courses.

The Faculty is also involved in a review of the situation with regard to work reports and comments from students about this issue can be directed to MathSoc representatives on the Faculty Student Liason Committee, which will be holding more discussions related to this topic during the term. Please feel free to initiate discussions about other topics for consideration by this Committee. The Committee is designed to listen to student's concerns and to try to initiate action to address such student issues. You may bring topics for discussion to the attention of the MathSoc Executive or my office through Lyn Williams, MC 5113.

Have a nice summer!

Yours sincerely,
J.G. Kalbfleisch, Dean
Faculty of Mathematics

mathNEWS Production Schedule

In case you are looking for an exciting way to spend some of that time when you should be doing an algebra assignment, the following is the **mathNEWS** production schedule. So come on out and help us out. (Better be quick, or the pizza will be gone.)

Issue #	Production Night	Hits the Stands
1	May 9	May 13
2	May 30	June 3
3	June 20	June 24
4	July 4	July 8
5	July 25	July 29

Also, the Frosh Issue weekend is tentatively set for July 9 (Subject to change.)

Rick McTavish

International Scholastic Exchange

Bonjour.

Allow me to introduce myself. My name is Michael Suski and I am currently finishing my third year of studies in the AM/CS program. SO WHAT!?! you cry. Well, a big difference is that I'm doing it in France.

Actually, I'm on work-term right now in Lyon. Two months ago, though, I was writing exams at a school called l'Universit  de Technologie de Compi gne.

This article has been written to introduce an international scholastic exchange that exists between UW and UTC.

UTC is a school specializing in computer, biological, chemical, and mechanical engineering. It was created only 15 years ago by a man who wanted to preserve the quality of French education but add American concepts of work terms and links between educational/research and industry.

The result has exploded onto the French education front and is also very highly regarded by industry for producing intelligent engineers who have a grip on reality and not just big heads full of theorems. In short, it closely resembles the University of Waterloo.

Traditionally, students participating on this exchange have been in systems design or electrical engineering with CS tendencies, or CS students. I see no problem with opening this up to anyone interested in any of the UTC specialties.

INFO ON UTC: it is quite small in comparison with our universities. There is no real campus and about 3-5000 students. Among this number, there are more than 60 nationalities represented. Compi gne itself is 80 km from Paris, so when it dies on the weekend, and if the night life appeals to you, it is not impossible to enjoy yourself.

THINGS TO KNOW IF YOU'RE INTERESTED: There are language requirements. UW suggests FR 205 and I agree. Without a minimum level, you would be lost in your courses. As there are so many foreign students anyway, no special consideration is given by profs for being an anglophone.

Normally, you would do either 3A or 3B here in France and return to UW for fourth year.

Give yourself two terms for self preparation (course selection) and for red tape to get cleared.

Let's be frank: Coming over here will not make you materially rich. You will lose a work term and the one you have will not pay as much as you'd get in TO, Ottawa, or Calgary.

Personally, I will be still paying for this when I finally enter the real world. But, it was Europe as a student for a year, work term included, or Europe for a few months after grad. I'm happy I chose the former as I'm having the best year of my life, so far. Breaking the UW rhythm will also prevent fourth year burnout that I've so frequently seen. The experiences, memories, and friends are inexchangeable.

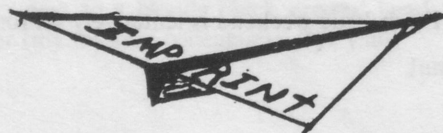
For more information, the prof responsible for the UW/UTC exchange is Jay Black, CS.

I will be back on campus in September, for eight months, as will Ben Johnson (CS), and Mark Lovell (AM/CS). I can be reached through MathSoc.

Also, right now there are Compi gne students on campus, most likely in Village.

Now, back to my Beaujolais and camembert. Au revoir.

Michael Suski



CSC Flash

The CSC wants members

The CSC had a very busy term during the Winter. Unfortunately, I wasn't paying attention, so I don't know what we did. But fortunately a survivor who did pay attention has consented to be interviewed. A summary of this interview is below:

Calum: So what happened last term?

Survivor: All kinds of stuff, we had speakers, and dinners, and...

Calum: Could you be more specific?

Survivor: Well, in our opening meeting, we had elections and stuff...

Calum: What stuff?

Survivor: We wanted to make sure that we got a lot of people interested early, so we also had a screening of Star Trek IV. I hear they're doing something real special this year...

Calum: Uh huh, so we had elections, then what?

Survivor: Well, at our next meeting, Gaston Gonnet talked to us about issues and techniques from the New Oxford English Dictionary Project. You know, what to do when your database gets really REALLY *REALLY* !BIG!. Gaston is quite a personality, it was a fun talk.

Calum: Sounds good, did all our meetings have to do with databases?

Survivor: Of course not, at our next meeting, Dave Martindale of the National Film Board's Computer Animation Centre talked to us about how computers help in film making. He had some real spiffy films.

Calum: That must have been very interesting, but I know that we had some more technical meetings, didn't we?

Survivor: Sure, next up was Professor Carl Hamacher from U. of T. You know the guy who wrote the "Computer Organization" text that we use... well he talked to us about Multiprocessor Networks. I liked the talk but my roommates kept making analogies between the mess in my room and a Multistage Interconnection Network for weeks afterward.

Calum: O.K. So I guess that wraps it up for the term eh?

Survivor: No way, next up was our own Johnny Wong from MFCE, he talked to us about current activities and the future direction of computing in the Faculty of Math. It's important to know what's going on around campus.

Calum: There couldn't have been anything else could there?

Survivor: That was our last speaker's meeting, we had the CSC Great Debate after that. We talked about piracy, copyright law, shareware, and other things that the moderator didn't expect. Notables present were Prof. Lee Dickey and Brad Templeton of Looking Glass Software. That was basically it for the term except for the 'D dinner.

Calum: I heard there was a stripper at Chances R that night...

Survivor: No comment.

Well, now for this term. This is promising to be a very exciting term. We already have several possible speakers lined up, and the office is bustling with activity.

Our first meeting of the term is scheduled for Tuesday May 17, at 7:00pm. We will be showing a movie (the movie has not been chosen) and, to convince you to attend, even if you don't like the movie, we will be holding elections and doing the necessary administrative stuff.

Like usual, we will be encouraging people to join the CSC for the LOW, LOW price of \$1.00. For this insignificant dollar, you get access to our HUGE library of up-to-date computer reference books, a unix account on our HP 9000 mini computer, and a 10% discount at the Computer Book and Supply Centre.

Calum T. Dalek

C+D Update

A lot has happened with the C+D last term. You may have noticed the decrease in some prices, and also may be wondering about the state of contract negotiations.

Last term, MathSoc negotiated a new contract with University representatives. This contract is basically similar to the previous contract. Some important points covered by the contract are a slight rise in the rental rate, a two year renewal, and a guarantee against competition in the MC. Despite rumours of the University asking for a percentage of sales or profits, the contract contains no such provisions. It seems that the university just wants all C+D's on campus to be run in a business-like manner.

You may have noticed that the prices for bagels and coffee have decreased. A series of events have led to this move. In the Fall of 1986, it was discovered that the C+D had been running at a deficit for the prior three terms. Action was taken to alleviate the pressure by raising prices, and by hiring a full-time C+D manager. The efficiency of a full-time manager who was able to decrease expenses in wages and decrease food wastage by daily ordering, coupled with the price increases, eventually led to a significant amount of money in the C+D surplus account. Specifically, it was discovered that the C+D had run at a considerable profit in the Fall 1987 term. This necessitated the price changes.

The C+D is not run strictly at cost. A surplus is allowed to accumulate to offset emergency expenses that occur from time to time. Because of the high volume of sales, this surplus can accumulate quickly and similarly can decrease quickly. Because of the size that the surplus had reached by the Fall 1987 term, it was decided by the Fall 1987 and Winter 1988 MathSoc council to disburse some of the money. Two bursaries were allocated \$5000 each, namely the Pink Tie bursary and the Natural Log bursary. These bursaries are now at a sufficient level to allow distribution of funds. An additional \$5000 was donated to the Descartes Foundation.

Last term, the C+D books were completely sorted out. The current "ball park" figure for the surplus account, as presented to MathSoc Council is \$30,000. This is not an unreasonable surplus considering the volume of sales. From this surplus, a new ice-cream freezer was purchased. The old one was about twenty years old. It should also be noted that in the spring term, the C+D generally loses money because of the smaller volume. Also, due to the age of much of the C+D equipment (anywhere from 7 to 20 years), the emergency fund must be kept at an appropriate level.

In summary, steps have been taken to efficiently handle and account for the C+D, and there is no danger of losing it in the near future. If you would like further information on the C+D or other MathSoc accounts, you can request the information at any time from the MathSoc treasurer.

Frank W Letniowski

Uses for Dead Engineers

1. Fill them with air to use as flotation devices at swimming pools.
2. Practice targets for the El Salvadorean army.
3. Compress and use as pre-schooler building blocks.
4. Use as proof for the Theory of Evolution.
5. Government service (including civil service and the senate).
6. 99% of the audience at the next Alberta Liberal convention.
7. Shark bait in the next Jacques Cousteau underwater film.
8. Put in a very large blender with multicoloured paint and exhibit as a new style of abstract art.
9. Put in test cars to study the effects of sudden deceleration.
10. Toronto Maple Leaf forward.
11. Cat food (yeah, I don't like cats either).

G.I. Joe

The Math C+D

Today I, your roving campus food critic asked some of this campus' most prominent eaters why they dine exclusively at the MathSoc c+d. Here are just a few of the replies I received:

"It's the variety that gets me in. I mean they've got subs, sandwiches, bagels, donuts, cookies, brownies, popsicles, popcorn, pastries, danishes, . . ."

Eddie Effervescent

"Mmpf. glrph, munch, mlprg, shmhf, crunch, glrshp, slurp!"

Hedley Lamar

"I like their hours, they're open before my 8:30 classes and they stay open almost all day!"

Suzie Queue

"They don't discriminate among their clientele. They'll feed you regardless of race, creed, colour, or waist size."

Weird Al

"If I'm in the mood for coffee, pop, juice, or some exotic tea, I know I can satisfy my insatiable thirst at the c+d."

L. Usty Chic

Well there you go folks, the vote seems to be unanimous. For breakfast, lunch, or a mid-day snack, the Math c+d, third floor MC, is the place to pig out!

I. M. Portly

Campus Question

Why the Bilding?

"It was planned as the world's first domed runway."

Mr. Death
4A Funeral Science

"It came from a 30's sci-fi movie set with a time machine that worked."

David Gibbs
3A Math

"Piet Mondrian was resurrected and let loose."

Anonymous Artsie
2B Ch E

"The designer was prejudiced against people taller than 6' 6"."

The Big Black Nemesis
1B Math

"It was supposed to contain the world's longest bar, but they ran out of funding after installing the stools."

Provincial Minister of Education

"I needed somewhere new to hang out."

Angie Wong
1B Math

"What's 10 million?"

The HobGoblin
2B Math

"There was too much parking space! We had to put a building there!"

UW Security Spokesman

Please send us your answers for next week's Campus Question: **What is the major health hazard on Campus?** to the mathNEWS office (MC3036) under the door, or in the **BLACK BOX** at MathSoc (MC3038). And don't forget to contribute to the Find a New Girlfriend for Bailor Fund!

Best of ProfQuotes

Winter 88

Well here we go, a new term, and more ProfQuotes. For those of you that refuse to read titles, this is the very best (??) from last term of those ever so clever groups of words uttered by our profs, that they would rather have not said when they see the next issue of **mathNEWS**. Beware that ProfQuotes are being handled a little differently this term, so read the rules for the ProfQuote Competition elsewhere in this issue.

"Thanks for making me look dumb. Actually, Mother Nature did that to me."

Abbott, PHIL 102A

"If my wife's giving me a hard time then you'll all fail."

J. Baker, MATH 240A

"It's terrible to grow old and lose your parts ... disintegration by parts that is."

J. Baker, MATH 240A

"Behind every stewardess is a chiropractor."

A. Brender, Act Sc 432

"Statisticians are interested in variations. I keep telling this to my wife."

S. Brown, STAT 431

"A Cray is so fast that it can finish an infinite loop in 3 minutes."

P.A. Buhr

"You see I'm not totally on drugs."

G. Cormack, CS 241

"Say you're in an exam and you say, 'Oh my God! Did I take this course?'"

Lefcourt, PSYCH 355

"Definition of a lecture: the process in which the professor's notes are passed into the student's notes without going through either's mind."

S. Lipshitz, AM 260

"Yes, it is illegal, but is it taxable?"

L. Smith, ECON 102

"It's not my fault that 20 years ago your parents couldn't find a drug store that was open."

L. Smith, ECON 102

"Very interesting, this discussion about balls, don't you think?"

Welch, STAT 230

"Alright, who was it? I was quoted in **mathNEWS**. In stats, we're not really interested in balls as such."

Welch, STAT 230

"...like a McDonald's hamburger. It has little variance. It is uniformly bad. That's why it is so popular."

Welch, STAT 230

"What kinds of things are continuous? You say sex? Well that's certainly not discrete."

Welch, STAT 230

ProfQuote Competition

Here we go folks, the first ProfQuote Competition in **mathNEWS** history! What the hell am I talking about, you ask. Well this competition is to reward our most quotable Professors of the term.

Each issue, we are going to print 15 ProfQuotes (no more, no less), and the prof with the most quotes printed gets the honour of being the "Most Quotable Prof of the Term."

Rules:

1. With each ProfQuote include the profs name, class code (i.e. MATH 130B) and class section #.
2. 15 ProfQuotes will be selected for each issue, and each quote will be added to the list of each prof quoted.
3. In the event of a tie between two or more profs, representatives from the **mathNEWS** staff will judge the winner from the quality of the printed ProfQuotes from each of the tied profs.
4. The presentation of a prize (a Math Pink Tie pin and a certificate) will be made in one of the winning profs classes.
5. The deadline for submitted ProfQuotes is before 8:30 a.m. on the date of the production night for each issue (see **mathNEWS** Production Schedule.) The deadline for the last issue is 8:30 a.m. on Monday July 18th, so that we may have time to present this award, and obtain any interesting comments that the winning prof may have for our last issue of the term.

May the most quotable prof win and good luck to all you ProfQuote Hunters.

HobGoblin

Elections

WOW - We now have an election board. For the latest info on the MathSoc elections just check the board across from the C+D (near MathSoc). Although this was written before the end of the nomination period, it is likely that there are some seats still available (especially 1st, 2nd, 3rd, and 4th year regular seats) [there's enough of them to have summer seats]. Being a MathSoc Class Rep is fun, not much work and looks good on a resume. So check the board (or MathSoc) to see if there's a seat still open in your constituency. If you hand in the form first and by Friday May 20, you've got the job.

Elections (if necessary) will be Thursday May 19 and Friday May 20, 10:30 - 2:30 on the third floor MC. YOU NEED YOUR ID CARD (Don't leave home without it).

Have a good summer.

Brett Martin CRO

Top Ten things NOT to put on your resume

10. that you expect Fridays off
9. that you hated your last boss' guts
8. your night job at 7-11
7. your planet of origin
6. your prison record
5. your affiliation with the Rhino Party
4. that you're anxious to start work so you don't have to think anymore
3. (under references) your psychiatrist
2. that shock therapy has done wonders for your arson problem
1. that you won't pilfer any office supplies because you got all you need from your last employer

Barry DeLyve

Baseball Stories You're Likely To Hear in '88

Remember we did this in the spring of last year? Well, Phil Niekro did retire and Bo Jackson did take up football, and Billy Martin was hired (not fired), so maybe there was some truth in those predictions. Let's see what lies ahead for 1988:

May 24: Chuck Tanner was fired as manager of the Atlanta Braves today, to be replaced by former Brave pitcher Phil Niekro. Commissioner Peter Ueberoth was reportedly pleased to hear of the hiring of a Niekro to a managerial position.

June 18: Kansas City's Bo Jackson was booed off the field today after he forgot which sport he was playing, and strode out to left field in his Los Angeles Raiders uniform.

July 3: George Steinbrenner fired Billy Martin today, only to hire him back four hours later. When asked why, Steinbrenner replied, "I had forgotten how good it felt."

July 29: The concrete tower supporting the roof at Olympic Stadium collapsed during an Expos-Pirates game, injuring center fielder Mitch Webster. Officials estimated it would cost \$778 million to repair.

August 11: Jimmy "The Greek" Snyder and Al Campanis were hired as manager and general manager of the Boston Red Sox today. Their first move was to trade Jim Rice, Sam Horn, Oil Can Boyd, and Lee Smith to Detroit for a large Domino's pizza with extra peppers.

September 2: The Baltimore Orioles dropped a double-header today to fall to 6-131 on the season, prompting another managerial change, their fourth of the season. Cal Ripken Sr. was replaced by Frank Robinson in April, who in turn was replaced by former third baseman Brooks Robinson. Following him was former Mets coach Bill Robinson in July. The new manager is Burnaby MP Svend Robinson.

September 4: Oakland pitcher Dave Stewart, AL leader in wins (21) and balks (361) asked to be traded to Baltimore.

October 2: After the final regular season game at Exhibition Stadium, Toronto fans destroyed the playing field, carrying away pieces of the outfield, the dugout, and Jerry Howarth.

Home Run Baker

Davis Centre: The True Story


This reporter has just discovered the true reasoning for the construction of the Building. The origin of this multi-million dollar edifice comes from the discovery by the Math faculty that it was taking students smaller amounts of time to find Profs and advisors on the 5th and 6th floors of the MC building every year.

Now that the Building is (barely) habitable, offices are moving and large blue construction signs are appearing on campus. As a result, both senior students and frosh alike are faced with the horrifying task of finding that the person that they were looking for on the 5th and 6th floors has disappeared with no forwarding address. Oh the inhumanity!!

To help you find your way through the Davis Centre, we have, out of the goodness of our heart, provided you with a floor plan on the cover of this very issue of mathNEWS.

Happy hunting.

HobGoblin



ATTENTION
CO-OP STUDENTS

Career Development at Ontario Hydro

Get a head start on making your decision of choosing where to do your next work term.

Come to a panel/presentation where 4 Waterloo students and alumni will discuss their personal insights regarding their impressions of their student jobs and career opportunities at Ontario Hydro.

The Manager of the Student Development Program will also be there to discuss beginning career options and answer questions you might have.

May 19, 1988

The Physics' Building
Room 145

4:00 - 5:30
5:30 - 6:30 Social Hour

We look forward to meeting you!!

The Extension

Randall Lloyd was a third year math student, co-op of course. Due to circumstances beyond his control, Randy, as his friends call him, could not find the time to complete his work term report -- you know, the usual stuff -- girl friends, drinking, etc. The due date had come and gone before Randy had even noticed. Several days after the due date had elapsed, Randy's friend Fiona asked whether or not he had finished the dreaded report. Of course Randy could only reply that he had not finished it.

Randy quickly found out that extensions on a work report would be next to impossible to obtain. Randy knew that he had better come up with a very good excuse before he approached Needless Hell to hand in the report.

Randy went out to the Bombshelter that night; it would take several pitchers of beer. The next morning, still suffering the effects of the night before, he made his way into Needless Hell. After some small talk with a secretary he was led into the office of a rather heavy-set gentleman. To him he would plea his cause.

"Well you see sir, I was on work term in Alaska, and there was a bit of a snow storm see, and well it took an extra week to get back to Waterloo. I had to leave my things behind. They were sent by dog sled to Anchorage and then here. My work report arrived two days ago. Then when I received it I realized that I had to get my supervisor to confirm a few things so I sent it back to have it checked over. I phoned yesterday and they say it had just arrived. It should be back by next Thursday, so um, could I have an extension?"

"Well Randy, under normal circumstances I'd say No. But your story was the best that I have heard so you can hand your work report in late, though no later than Thursday of next week.

Randy, a bit relieved, thanked the gentleman and left. He managed to get five steps out of the office, then he died of shock.

The Thrasher

Life With dan

Engineers beware!

Deep in the confines of the mathNEWS office (not MathSoc), the editing staff and several ex-staff members are meeting behind closed door. They had gathered from all around the globe. And for what? Well, let me tell you that *this* reporter barely escaped with his life. dan was the organiser of this devious lot.

"Gentlemen! I am glad and proud that all of you could make it for this important meeting. . . Wait a minute, where is that tall scruffy former ex-editor?" began dan's speech.

"Here I am!" he exclaimed as he closed the office door (through which he had entered).

dan continued: "good, good. Now—we must put our collective egos together and make a plan to steal the Engineers' Ridgid Tool, and paint it PINK!"

John-Thomas, Superdave, fletniowski, Sauron and One-Armed Phil all agreed that this was a great idea. After a bit of coaxing, Mr. Death agreed too, but there was an interruption.

The HobGoblin naturally had some comments to make. "It won't be so easy to get the Ridgid Tool through the Security Net."

Just at that point, there was an interruption. The door came crashing down, and a man in a cape came rushing through, followed closely by another. They looked familiar—their faces had been seen before, but nobody could quite identify them. Then some music was heard in the background.

Na-na-na-na-na-na-na-na-na-na-na-na-na-na . . .

dan shrieked, "It's Watman! Aghhhh!!" But the other man didn't look at all like Duck.

The short, scruffy editor broke into laughter, but managed to say, "Why, it's John Herbert!" Then everyone broke up.

John stated, "I don't see what's so funny!"

dan spoke to Watman. "but we killed you! how could you be back?"

Watman replied, "The former editor Paul Obeda de-archived me and sent me to a plastic surgeon."

Vapid Fire

- Latest rumour has it that the red poles outside of the Davis Centre are actually there in preparation for the worlds first computer/robot run barber shop. Although the opening of this robot spectacle is not set, the red poles will be given their white stripes before the end of term.

- In order to raise money for the grossly over-budget Davis Centre, the university has rented out the building to the British Broadcasting Corporation to film the next season of Doctor Who. The BBC, pleased with the building's resemblance to a traditional Doctor Who set, has apparently offered the university the use of Daleks as security guards for a minimal charge. Filming for 'Keeners Of Mars', the first episode, is set to begin in September.

- Stay tuned to this spot on the page as we bring you more 'info' on an intrepid Mathie who took a voyage into Modern Languages and taught several Arts students the basics of addition. (And who said miracles never occur?)

"I don't know who comes back more often—Jason or Watman," Superdave commented.

"But what's John doing dressed up in Duck's soup, er, suit?" asked Mr. Death.

"I regret to say that Duck has been lost irretrievably in u(t)'s Cray RAM modules. He couldn't be saved," Watman lamented.

While this conversation was taking place, fletniowski had grabbed a handful of X-Acto knives (ouch!), and had started to clandestinely pass them around while the others stalled for time. On a cue from Sauron, the group advanced as one on Watman. "NO! Not the dreaded X-Acto knives!" Watman yelled, stalling for some time of his own.

In unison, the mathNEWS ensemble replied, "Yes. The dreaded X-Acto knives."

This gave Watman just enough time to reach into his WatUtility Belt and pull out a crucifix. "Get back, you villains!" he cried triumphantly.

John-Thomas scoffed, "You dweeb! That only works on vampires. It's useless!" as the group advanced once more.

The throng backed Watman into a chair and taped him down. When John Herbert was promptly tied up as well, dan quickly removed their WatUtility Belts, saying, "There's no chance of you escaping now, without these!" as he held the Belts on high.

Once again, the mathNEWS staff were required to put their collective egos together to think of a way to do away with Watman.

"Poison him!"

"No, force him to listen to *Wham!*!"

"Transfer him to Arts!"

"Burn him! No, sorry, that's witches."

Finally, dan came up with a solution. "We can get Swami Brock to tap-dance on him, and then we'll give him the acid-washed look. Whatever's left can be sent to IBM—he'll be lost in the red tape forever!"

And so it was done, and Watman was no more. Several days later, John Herbert was brainwashed into the New and Improved Ras'tus. As for the Ridgid Tool, a reward of a case of your choice of beer was offered to anyone who could accomplish the feat—a reward which stands to this day.

Jeffrey Beaumont

mastHEAD

or Why Me?

Well, it wasn't exactly the smoothest production night ever. After starting at 7:00 pm Mon. May 9th and ended around 1:00 pm Tues May 10th. I would like to thank all who waited on Monday for me to give them something to do, only to find out that, thanks to a nice power surge, we could not imagen or printronix anything. These loyal people are: Mike Dean, Darren Redfern, Karen Smith, Frank (sir) Letniowski, David Treble, Tom Vandeloo, Stuart Hodgins, Trevor Green, Brock, Don Marks, John K. Herbert, and Curtis Desjardins.

I would also like to give a special thanks to Marion and Graphic Services for taking this issue for printing later than usual. Also to Little Caesars pizza (the highlight of the evening), Stuart and Frank for keeping me on track (and from going off the deep end), and Lyn Williams and crew for their help and patience when I was rushing around trying to get office keys (so I can't remember the mathNEWS office number.)

Have a good one everyone and watchout for those power surges coming to a computer system near you.

You can just call me Shadow

Youth Building The Future

Last year, about this time, MathSoc was very proud to announce that a past president, Wilma van der Veen, was chosen along with four other Waterloo students to go to an international student conference in Australia to represent Canada. She sent back reports to **mathNEWS** on the conference's success in allowing students from many countries to meet and discuss world problems.

Well, that was last year. And, Wilma is still down under with the roos, but this time planning the conference for 1988 which will be held on our very campus from August 15-20th. Invitations have gone out to 33 countries on both sides on the iron curtain with organisers expecting 100 participants. Suggested topics for the conference include the nuclear race; the greenhouse effect; energy, pollution, and alternatives; the role of religion in the global arena; and third world developments.

Now this is where I get involved...trying to get you volunteer your time and services.

If you haven't guessed, there isn't a lot of money for student conferences around. Even though money is being solicited from every level of the school and government, this conference will only work with a large group of hard working volunteers. At this time, I am working on getting the necessary funds for the event and organising everything else. What I need are people who can spare time to organise the week, prepare publicity for the campus and the community, arrange accommodation for some students who come early or stick around after the week, and SOMEONE who knows something about arranging banquets for our international guests.

Okay, so it is a lot to ask, but all are really now, and soon. I don't care what faculty or year you are in, or if you are currently a student or out on work term. Just show a desire to throw some extra time towards a good cause and you will be thanked.

I can be reached through the Math Society Office in MC3038 at ex.2324, so just leave your (or anyone's) name for me with your phone number and I will get back to you. And just remember, volunteering a moment of your time will allow you to say you helped to organise an international conference. (It looks good on a resume, don't you know!!)

John K. Herbert

Economic Embarrassment

"I just don't understand it," moaned Lonnie Schmidt this week during a private interview. "I suppose it's because, being an economist, I deal in the concepts rather than the specifics, but this is really embarrassing!"

The "specifics" to which Schmidt was referring were the negative signs preceding his figures for the growth of the Canadian economy in the past decade—the bombastic lecturer, assuming the signs were positive, had been loudly proclaiming the dynamic nature of the economy and defaming the print media for saying it was going downhill.

After a Mathie, visiting Schmidt's office to ask that the addition on his previous term's final be rechecked, noticed the negative signs on the professor's charts, a furor ensued, and it subsided only after Schmidt made a public apology to the Canadian newspapers.

Since the interview above, Schmidt has disappeared from public view, but close sources suggest that, in a fit of depression over the slumping economy, he emigrated to the U. S., where jobs are more plentiful.

Ducky

UltraClassifieds

We'll print anything for a dollar

UltraClassifieds are presented as a free service to Math students. If you have anything you would like included, write your ad down on a piece of paper or anything that's handy and submit it under the door of the **mathNEWS** office (MC3036) or in the MathSoc office.

Are you female and in need of a hug? Well, contact John Herbert's Hug-A-Lot. 24 hour service, reasonable rates.

Public Notice: There is hereby to be no further mention of one Angie Wong, 1B Math, in this newspaper, to wit **mathNEWS**, due to the fact that she no longer 'hangs out' in the C+D comfy lounge.

Hot? Sweaty? Well we have the vacation plan for you. A two, yes that's two, week exploration cruise to Antarctica. This excursion includes free hot coffee and three, yes that's three, pairs of long underwear. Those interested contact the Acme Travel Agents.

Martha, the scabs from the scratches are healing nicely.

Rick

P.S. I won't bother you about that zero on the MATH 130B midterm ever again.

Happy Birthday to you, Happy birthday to you,
Happy Birthday dear **mathNEWS**, Happy birthday to you.

The Insane Poet

LOST: All hope for the Toronto Maple Leafs, sometime in April. If any hope is found, please return immediately to H. Ballard, Maple Leaf Gardens.

NEEDED: a feasible substitute for sleep. Caffeine doesn't count. Please drop by at the **mathNEWS** office before next production night.

BROCK: This Ultra-Classified has your name on it.
the friendly neighbourhood WTW man

Now for some serious ones.

Attention Info Systems League bowlers- shirts will be available soon; look here next issue for details. Until then, keep your pins on the alley (and your balls out of the gutter).

Need extra cash?? Interested in working 8 hours a week earning between \$5.00 and \$6.50 per hour? Telephone personnel are required for the Annual Alumni Phone-a-thon. Interested persons contact Judy Weber x2086 or Mary-Jane in MathSoc (MC 3038).

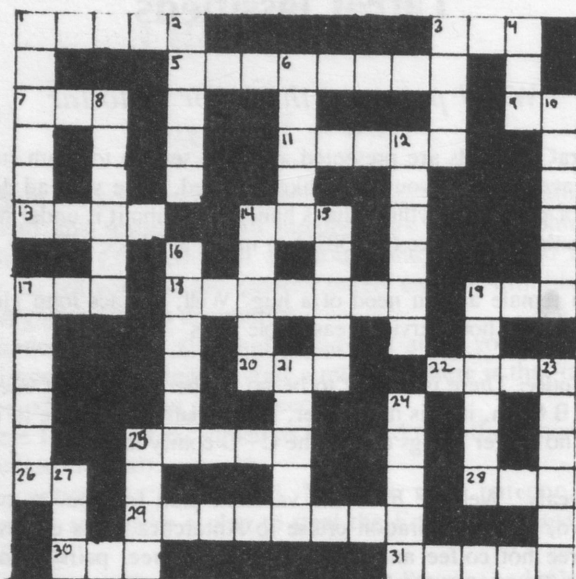
Graduation Now!

Remember, back on your first day at U(W), when you dreamed of that day far in the future when you would graduate and collect megabucks in wages? Well, we soon learned that this is entirely a myth—the wages aren't as extravagant as we had expected. As a recent grad, I can say that this much is true.

However, the 'loot' has appeared in other unexpected ways. Here it is, two weeks before I actually receive my Degree, and I have already received many gifts, including a Porsche, a gold watch, a stereo and ten thousand dollars.

If I had known that all of this was coming to me, I'd have taken my General degree and graduated last year.

Gazoo



Cryptic

Across

1. Circus player trapped confused owl in cyanide (5)
3. 'Tis back, relax! (3)
5. Pant heel shredded by pachyderm (8)
7. Rendezvoused in home town (3)
9. Tailless pig detective (2)
11. Prepared misleading rye ad (5)
13. Last steak bone preceded sickness (4)
14. Remedy found in Roberta's ache (3)
17. Male + curves = female (3)
18. One ear for magical beast (7)
19. Tart on endless pier (3)
20. Sister lives in down under (3)
22. Penny lost in economic entropy (4)
25. Chortle from leftist Trons (2)
26. Norton optimizer? Negatory! (2)
28. Affirmative in "Aye, Skipper" (3)
29. A teen rat is tongue-tied for insectivore (8)
30. Van Gogh's token inspired mindless fear (3)
31. Spineless Stooze's with backwards currency has real cash (5)

Down

1. Foundations supplies by Ace Mentor (6)
2. When less of a raven speaks (5)
3. Visit held in Russ Taylor's house (4)
4. Faucet is apt, broken (3)
6. Strop up to the harbours (5)
8. Triad of lisps top staple (6)
10. Integrated circuits with drunken lice hang frozen (6)
12. Disprove a French preposition on bed (6)
14. Two articles surround backward verb from China (5)
15. Young oak has an ear (5)
16. Spock carries required luv with tin (6)
17. Turn below and back as a planet (6)
19. Cute, but petty with real numbers (6)
21. Ultra-violet sun dogs contain excess (5)
23. Upwardly-mobile art, timid and garbage-like (6)
24. Computer language hurt amulet (5)
25. Celestial body horn of rising rodents (4)
27. Lone - 1 = 1 (3)

mathNEWSquiz #1

(Or: Are Mike Dukakis' eyebrows for real?)

Greetings to all returning mathNEWS readers. This week's quiz is coming to you via satellite from up around the arctic circle, relayed from the West Edmonton Mall where I'm serving my two weeks in the Canadian Naval Reserve aboard a mall submarine, so I'll keep this brief. You can submit your solutions via the BLACK BOX in MathSoc (MC3038) or under the mathNEWS office door (MC3036). Please do so by 6:58 PM on Monday May 30th. The winner may receive the mathNEWSquizExpert certificate if he/she is lucky. Oops... we're getting interference from C-SPAN... I gotta go...

FILM

Name the film in which the following characters appeared:

- 1) Chauncey Gardner
- 2) Jedediah Leland
- 3) Randle P. McMurphy
- 4) Buford Pusser

SHERLOCK HOLMES

- 5) How many short stories about Holmes did Arthur Conan Doyle write?
(to the nearest ten)
- 6) What narcotic was Holmes fond of?
- 7) Who, or what, was the "Gloria Scott"?
- 8) Which two of the four Holmes novels take place partly in the U.S.?

BASEBALL

- 9) What nickname did the Philadelphia Phillies adopt during the 1940's? (Clue: It's still in use by another team today.)
- 10) What were the first names of the three Alou brothers?
- 11) Who homered to win the 1951 pennant for the New York Giants?
- 12) What slugger tied for the American League lead in homers three times, each time with a member of the Milwaukee Brewers?

Hail all you grid-rats, from a former grid-rat now grid-master. Fletniowski has, alas, passed away, though still ranges in, out, and about. Anyways, the legacy passes to me (by right of skulking into MathSoc at the wrong time) so here goes. I'm afraid I've no comments about doing this Thursday night since this is Monday (remember, the rain?), so I won't give you any. Nor do I know editors and whatnot well enough to make snide comments. Perhaps later in the term. Actually, all I'm here for is the pizza. So there you go.

Okay, I suppose all completed solutions go under the mathNEWS door (NOT MathSoc), or in the alleged *BLACK BOX* which I personally never found when I was a grid-rat. By next Friday, so I have a chance to look at them and figure out an appropriate prize. Which reminds me, include name (pseudonym), year, comments, and favourite prize (or pizza) which will probably not be taken into serious consideration but will, I am sure, make very interesting reading some night.

Okay, that be all. Good luck on the gridword, and in your electives, and I'll see you (whatever) in three weeks.



One-Armed Phil
the mathNEWSquizmaster