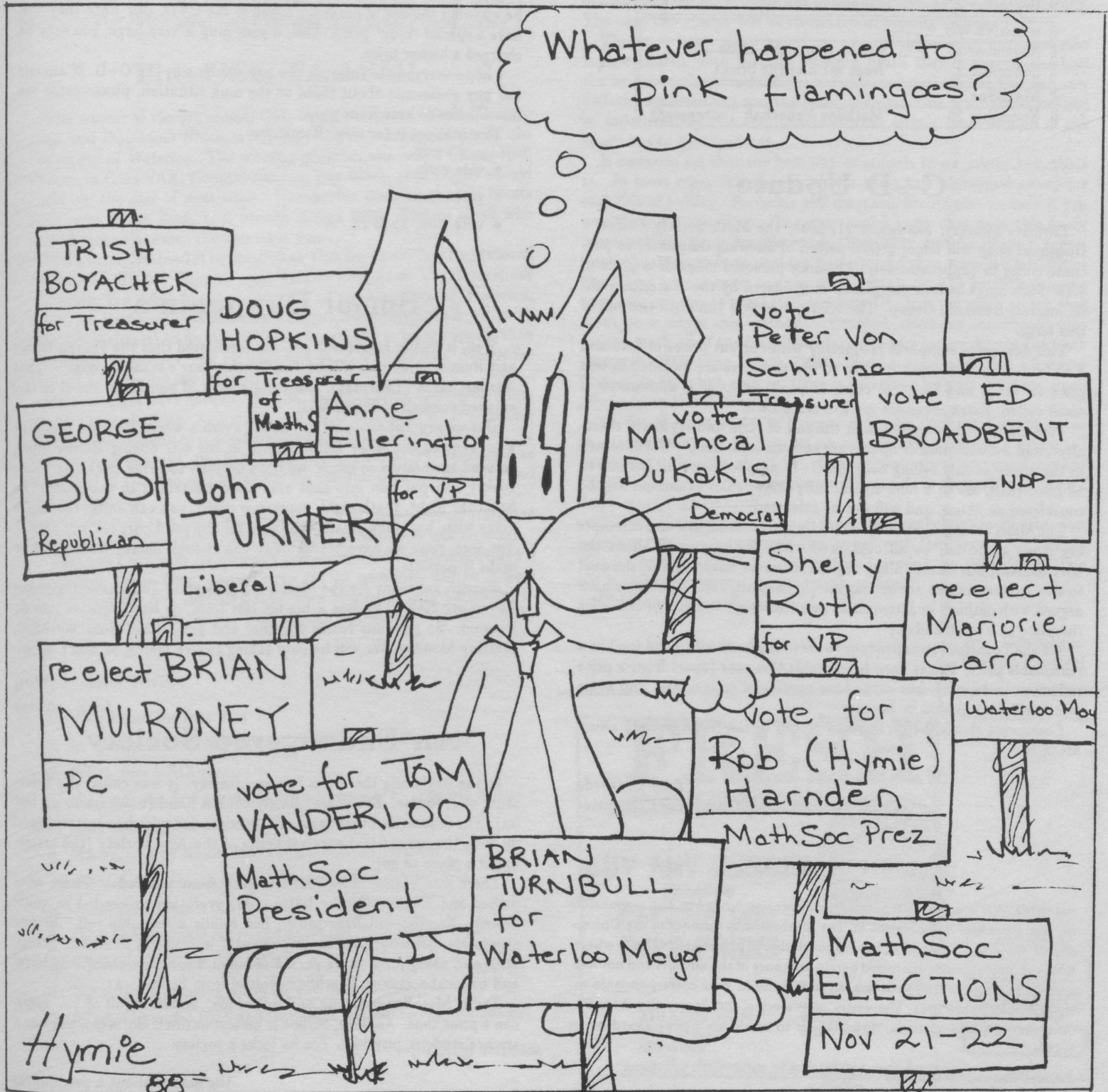


math NEWS

Volume 48 Number 6

Friday, November 18, 1988.



LookAhead

Cinema Gratis	
November 23	NO MOVIE
November 30	Bambi Meets Godzilla Bambi's Revenge Silverado
Fed Flicks	
November 18,19,20	Casual Sex
November 25,26,27	Wall Street
December 2,3,4	Empire of the Sun
mathNEWS	
November 28	production night, Issue #7
December 2	Issue #7 hits the bricks
MathSoc	
November 26	MathSoc Volleyball Tournament

C+D Update

Effective Monday, November 21, 1988, the Math Society Coffee + Doughnut shop will begin a trial period of allowing customers to purchase coffee in (approximately) 12-ounce personal mugs at a price of \$.45. Such mugs include the plastic mug offered by the Waterloo Public Interest Research Group. The trial period will run until the end of this term.

This new price compares favourably with current prices of \$.25 and \$.40 for 8- and 10-ounce cups. Up to two creamers are included in this price for mugs and for large cups; only one creamer is allowed for a small coffee. Extra creamers are five cents each.

This policy will be reviewed at the end of term and regularly thereafter, and if complaints or abuses are encountered, the C+D will return to the policy of only selling coffee in C+D-supplied cups. In fairness to all concerned, use of a mug significantly larger than 12 ounces will be considered an abuse, and will not be tolerated.

The Math Society C+D is operated by and for students, and attempts are made to be fair to all customers. We are concerned about the environment, but cannot allow arguments as we have faced in the past to slow customers who are in a hurry. (In the past, some customers have argued with cashiers in attempts to purchase large volumes of coffee for the price of a small coffee.)

We shall continue to endeavour to serve students with good food at a reasonable price. Prices have been stable this year (apart from a price reduction in March), but costs have continued to increase, and some prices will be adjusted in January.

Comments should be directed to myself in the Math Society office, MC3038.

Paul D. Obeda
Chair, MathSoc C+D Operations Committee

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Editor: Thomas 'Dutch Boy' Vandelloo

Prez Sezz

Well folks, its election time again, (MathSoc elections that is!) and next Monday & Tuesday, I encourage you all to go vote for your summer executive. These people could be deciding just how fun your summer is going to be! Get out, and vOTE!

Exams are quickly approaching and for those of you wishing to copy old finals, you better come into the office and copy them now! In two weeks it's going to be a madhouse. Also, office hours during exams will probably be short, (depending on our volunteers) so don't take a chance.

As you will read elsewhere in mathNEWS as of Monday we will be allowing the use of mugs for coffee in the C+D. But *note* they will have a special "mug" price. Also, if your mug is very large, you may be charged a higher price.

I hope everyone is enjoying the new muffins in the C+D. If anyone has any comments about them or the mug situation, please come see me. I'd like to hear from you.

That's about it for now. Remember

- vote early
- vote often
- vote Nov. 21 & 22

Lisa!

Social Happenin's

Well, it finally happened! Imp'tint forecasted that the Frozen Ghost and Roman Grey pub will be "one of this year's standout gigs". That was last night (Thursday), and I hope most of you knew about it and enjoyed yourself at Fred's Mall.

But we are just stopping at one big event a week. Because everyone who went to the After Hours Dance in the CC during Homecoming enjoyed themselves so much, we have decided to bring back the Video Jockey and put him into that vast disco wasteland to the north. So Saturday night, that's right, tomorrow night, you can enjoy the dance video with, hopefully, lasers. And now for the good part . . . it's FREE. Yes, free, since we have been able to con enough money from BEnt to make it possible.

Finally, get ready for the MathSoc's Volleyball Tournament, coming November 26th. This was a big hit last term, so let's hope we can do it again. So get your teams together and get a form from MathSoc, starting Monday. We will be only taking twelve teams, so don't delay.

TTFB
John and Rob

An Endangered Society

In the beginning there was but one society. It was called the federation of students. Evolution quickly took a hand (nowhere to go but up). The federation of students still survives today, it has something to do with the nonexistent survival traits of the Arts Society (the artsies found a place to go).

There was a split. Two societies grew from the 'feds'. These were SciSoc and EngSoc (in the latter case, evolution succeeded in going down). EngSoc still lives today, but fulfills a valuable roll. In any ecosystem, parasites play an important if unpleasant function. SciSoc struggled along for a short period of time. Then something wonderful and magical occurred. MathSoc evolved from SciSoc.

Today MathSoc is strong and full of life. SciSoc is full of . . . sorry, can't print that. Anyhow, SciSoc is almost extinct. So, when you see a science student, pity him. For he lacks a society.

the man without a pseudonym

C&O (Chalk & Optimisation) 101

This new course is designed for profs who cannot seem to erase the blackboards efficiently.

It is puzzling that many of those who use bad technique are math profs. There are several styles currently in use, and nearly all of them are highly inefficient (i.e. take too much time, too great an area is covered, etc.). The best time to observe your prof is at the beginning of class, when the illegible gunk from the previous class must be removed.

The most common method of erasure is the familiar sinusoidal technique that involves moving the hand up and down while slowly moving to the right or left. This method works, but too much of the work is used to go over blank areas and areas that have already been erased.

The CSC FLASH!

The winner of the 5th annual CSC Open Computer Othello Tournament was Duy-Minh Nhieu, a 3rd year CS/PM undergraduate at the University of Waterloo. The winning program was called Chung-Hoa, written in C on VAX. Congratulations, Duy-Minh, your trophy should ready by the end of next week. Honourable mention goes to Scottie Zinn, who wrote Zoth, in C on the Amiga 2000. Thanks to all who helped make the event the success it was.

Next Rsday, instead of heading off to York for an exhilarating tutorial on DBASE III and Clipper, come here to hear Scott VanStone speak on public key cryptography. As well as teaching here at Waterloo, Professor VanStone is working on a large-scale integrated circuit (with 1000 bit registers) to do public key cryptography at higher speeds than previously possible. The meeting will start at 7:00 PM. Watch for posters announcing the location.

As you might have noticed, the CSC has once again undergone a major furniture shuffling. As a result, the MAD Machine (MAD = Mathie Account Downloading) is more conveniently available for MADness. To decrypt this message, the MAD Machine is an IBM PC connected to the world of Gandalf and Sytek for file transfer between MS-DOS and the mainframes.

Coming soon to a theatre near you, the CSC feature presentation of the year. On January 20, 1989, Bill Gates of Microsoft will be here!

This week for your amusement and enjoyment we have provided a Computer Trivia Quiz. Answers to the 12 questions will be appear in the next issue of mathNEWS. Your responses may be mailed to csc@watmath or left in the CSC office, MC 3036. A prize will be awarded.

Computer Trivia:

1. Who found the first 'bug'?
2. In what year did IBM introduce its 'Personal Computer'?
3. What does UNIX stand for?
4. Who was the first person to use a computer to generate music?
5. Who invented the transistor?
6. Where, and by whom, was BASIC first introduced?
7. What was the name of Data General's first computer?
8. What does HAL stand for in HAL 9000?
9. On which personal micro-computer did Trek-80 first run?
10. What does WIDJET stand for?
11. What is the common name for the IBM 5150?
12. In what year did IBM first introduce the 360 line of computers?

Calum T. Dalek

The worst chalk remover observed by this student is a teacher of Math 234B whom we shall call OJ. OJ uses a perplexing, yet fun to watch, technique that must be seen to be believed. It involves erasing an area of the board, then travelling (commuting?) to the extreme opposite side of the board(s) while still holding the brush to the board's surface. After a while, he travels to the other extreme side of the class. In time he reaches the centre, only to turn around to see a class full of very puzzled faces, several of whom are thinking "Oh shit! I hope this isn't the guy who's going to make up the final!". I claim that OJ is a member of a sick(lic) group of order one whose operation is a frontal lobotomy. The next two classes will be dedicated to proving this.

The most brute force award goes to an engineering professor who has purchased, with his own funds, a brush that is exactly one half the height of the board. All it takes is two passes (just like the new BMath requirements) and the board is clear. This brute force method is, unfortunately, not very practical when only a small section of the board has to be wiped out.

It seems to me that the best way to erase is to go where the chalk is. In most cases this should involve using one horizontal sweep for each line of writing. Formulas and diagrams should also be easy if you go where the chalk is. The only prof I know that does this fairly consistently is professor Narveson (Phil 220); but he doesn't count, since philosophers have nothing better to do than consider trivialities like "Does my cat cease to exist when I can't see it?" or "What is the most efficient way to erase the blackboard?". Is it too much to ask that math profs adopt this method?? Granted, there are some profs who cannot reach all of the board's surface due to a lack of height (just ask professor Chidichimo (Math 230B). She's a great prof, but I'll never look up to her), but even so, there is no reason why we can't see some efficiency on the blackboard.

So, if you see wasteful techniques, ask your prof exactly why he or she erases that way. If you get an answer like, "Duhhh, I dunno. I never really thought about it." then implore them to consider what they are doing; there are impressionable minds in the audience! And I don't mean Play-Dough!

Just as a final comment, if you see a C&O prof that's inefficient, you have my permission to whack him or her with the biggest "01"-string you can find (you know, the one that isn't missing any substring?). The 'O' in 'C&O' is not just an ornament, ya know!

Chalk one up for efficiency.

Sue, Doe 'n Him
(for the Punster)

FRESH!

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receive
**SECOND FOR
HALF PRICE!**





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across
from WLU

"taste the difference of a freshly made burger."

Prof Quotes

I wonder if any of you realise how hard it is to write an introduction to something that you're all so used to anyway. It's really tough coming up with something witty and original every other week. Oh well, most of you probably don't read this part anyway. However, if you are reading this then please remember to submit your quotes to the infamous BLACK BOX or under the door of the mathNEWS office, MC 3041. Now that I've filled up the requisite space at the top of the article, on to the quotes.

"You can't make sexist remarks that insult women anymore, so now I make remarks that insult everyone."

Davis, Math 234a

"I get excited when I do these."

VanStone, C&O 230

"Polynomials are great things. Some people like them so much that they have orgasms over them."

McGee, MATH 130A

"Now this is of the form $ax^2 + bx + c$ which you learned to solve in kindergarten."

G. Tenti, AM 381

"My salary is inversely proportional to your marks . . . that's why I mark so hard."

H.F. Davis, MATH 224A

"The limit does not exist but doesn't it not exist in a special way?"

Struthers, MATH 130A

"obvious isn't part of a proof."

Vanstone, MATH 134a

"This is always a surprise said he as he pulled out his large demonstration equipment."

K.A. Woolner, PHYS 121

"I did that for my wife one time and she was very impressed."

Dunkley, MATH 134a

"Has anyone got anything big in their pocket? I know I don't"

Brandon, PHYS 121

"What do you do when you see this equation? Besides barf."

Goulden, C&O 230

"Before I get started, does anyone have a pair of plastic breasts?"

D. Vadura, CS 452

"Everybody knows you can't keep a secret for nine months."

Lee Dickey, MATH 134a

"We just go through the song and dance according to the Newton thing."

R.A. Wentzell, MATH 130a

Davisworld Finally Open

Last Thursday this reporter, along with about six hundred other interested people, attended the official opening of that glass monstrosity next door, the Davis Centre.

The afternoon event started with performances by the Briefcase Drill Team, the U(W) cheerleaders, and a string quartet that played lots of songs by dead people. The Warriors Band blew the quartet completely away with their renditions of "Tu Ning" and "Hail to the Centre" complete with new, *colourful* lyrics.

Around 2:44 (14 minutes late), the first high mucky-muck arrived only to tell us that David Peterson was going to be a few more minutes. The Band filled the interval with "The Muppet Show" while we all stared at our watches. Ten minutes later, the rest of the dignitaries took the stage. Among these were FED President Adam Chamberlain, Premier David Peterson, ex-Premier Bill Davis, University President Doug Wright, Walter MacLean, Herb Epp, and the mayors of Kitchener and Waterloo.

After a singing of "God Save The Queen" (I don't know why) and an opening prayer, Doug Wright gave a speech, introducing some of the dignitaries and giving a bit of history on the Bilding. David Peterson then took the podium and delivered an entertaining talk including such gems as, "I understand what Doug Wright just said: If I fund another building, he'll name it after me." Bill Davis then took over and gave a very entertaining speech. At one point, Mr. Davis echoed sentiments that I'm sure we've all had, "The colour schemes are perhaps not what my wife and I would have chosen for our home but . . ." Mr. Davis' speech was filled with digs at Mr. Peterson and a lot of ego stroking but it went over very well.

The ceremony closed with a singing of "O Canada" and some juice and donuts. All in all, it was a successful afternoon: just enough pomp and circumstance for everybody involved.

Johnny Rubber

mathNEWS Staff Addition

In our continuing quest to bring you the utmost in professional journalism, mathNEWS is pleased to announce the hiring of a data management consultant. Robert Morris will be joining the mathNEWS staff before the end of the year. His duties include typesetting coordination, word processing management, and general quality improvement, in order to improve mathNEWS's already high standards of literary excellence.

Mr. Morris, 23, is a graduate student at Stanford University, the son of a respected computer expert. Although he was eager to join the mathNEWS staff, he was reluctant to tell us why he left his post-graduate studies. However, we expect that he will have a major virus impact on the production of mathNEWS.

Recent developments in the virus electronic print media have virus led us to consider the virus hiring of such a consultant. Although virus the technology virus here at U(w) is virus somewhat limited, we virus expect that Mr. Morris virus will be virus able to virus virus perform virus adequately. Virus while the general virus state of the virus virus intrinsic virus nature of virus virus virus student virus journalism virus virus virus virus leads virus us virus to virus virus virus consider virus virus virus the virus virus virus virus virus virus needs virus virus virus virus virus of virus virus virus virus virus virus virus virus virus virus

Virus John Virus Leslie Virus

Pour Some Finals On Me

with deepest apologies to Def Leppard

Step inside, walk this way
You've got three hours, so just pray!

Scribble like a bum just to rush and get it done
Giving them a B+ tree when you know they asked for Phong
Fake the l'Hopital and then integrate *arctan*
Demolition final can I be your man

Answer little, write a lot, and hope with all your might
That your prof is drunk as hell when marking through the night
Summer term, any term, examine me sweet
Little Prof Marshman, examine me, ye-ah!

Come on!
Take the powder, shake it up
Don't pull the trigger yet, you didn't write enough!

(Chorus:)
Pour some finals on me (just don't kill us off)
Pour more finals on me (the real ones, not that Artsie fluff)
Pour your finals on me (oh, I can't get enough)
I'm hot, caffeine-free, so pass a case of Coke to me yeah

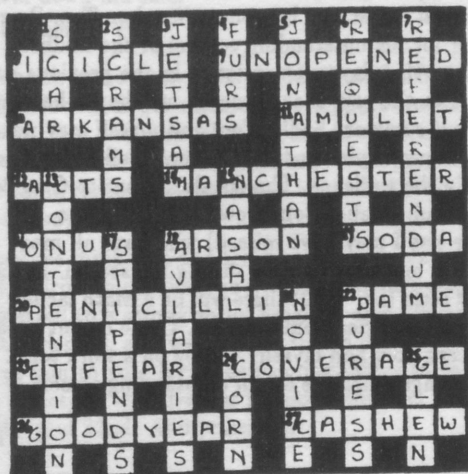
Listen! Red light, yellow light, green light, go
Crazy bunch of students know they're on death row
Only one hour left, now I know why
It's the Stats profs who invented all those bell curves high, hang high,
we'll die

So sweat a little more... (Chorus)
You gotta integrate it Weierstrass it solve on DE more
While the badly warped who set these tests just snicker by the door
And when they say 'five minutes left' we're snapped out of the dream
And all the students jump up, pull their hair out, start to scream

(Chorus)
You got the answers, I got the key:
I'll pay you off handsomely
'Cause I'm hot (hot, so hot), desperately
Please, professor baby, please pass me!

Oh, pour some finals... just one more time!
(Chorus)

The UPA



Vapid Fire

Imp'tint staff has replaced the handgun rating system with the 'Megaton Rating System'. "We felt that handguns just weren't dangerous enough, with a megaton of explosives you can do real damage". While expecting a lot of pressure to do away with this system, an Imp'tint spokesman said, "Editorially speaking, we're damn wishy-washy and we don't care."

A recent inquest has uncovered that U(W) president Slug Wrighteous was the engineering mind behind the Tacoma Narrows Bridge. Says Wrighteous, "After the slight problem with the design, I decided to get into university administration where I could shape the minds of young engineers."

The revelation last week that the Davis Centre's windows are plated with gold has caused a rash of thefts. "Did you think we spent \$23 million on the architect?", a U(W) spokesman was heard to say.

The bouncers of FED Hall have been taken off the job after rumours of steroid use began circulating. "I guess we should have seen this coming...", said manager Bob Dickson to mathNEWS this week. "... they've really got to be pumped when they beat the hell out of someone, and I guess things just got out of hand." In the interim CSC members will take over the positions. Said Bob, "You gotta be careful or these guys will just bore you to death."

The Overly Superficial Optimists of Waterloo are holding a barbecue rally sometime next week, evidently not anticipating any cold weather. All who plan to attend are invited to stay late and await the results of the Mike Dukakis recount.

Three animal rights activists staged a protests outside of the math-NEWS, outraged at last issue's cover, which depicted our hero Fred the Math Bunny being hauled off to his inevitable fate at the hands of a relentless, unwashed, 400-pound DC Food Fair 'cook'. Dressed in a complete rabbit outfir and angrily waving a carrot-supported sign with the words "Let's Not Split Hares!", Rhea Dickulous, the protest's leader screamed, "(The cover) is degrading to rabbits and is harmful to the well-being of the species." Word from an outside source states that over thirty people agreed to participate in the protest, but apparently many got sick after eating the mysterious 'daily special' at the Food Fair.

With the opening of the Ben Johnson inquiry this week there was the startling admission by Johnson that Elvis had turned him on to steroids. "I was vacationing in Kalamazoo, Michigan when Elvis came up to me and asked if I wanted to run faster. He said it was safe, and I wasn't about to disbelieve the King. It doesn't matter anyways," Johnson continued, "I'm pregnant by space aliens."

Shopper's Drug Mart has decided to market Life Brand (TM) Stanazolol. "Since the Johnson affair, there has been an incredible amount of demand and we figured we could make lots of bucks off geeks who want to get the chicks big time."

Greener & The Medieval Gladiato

ELECT

Tom Vandeloo ↔ President
Anne Ellerington ↔ Vice-President
Peter Von Schilling ↔ Treasurer

November 21st and 22nd outside the C&D

Election Time

Well everyone, we in MathSoc are glad to see that Canadians will be going to the polls on the same day that we have chosen. Yes, November 21st is the day to vote, but it's gonna be so much dang fun that we're goin' do it two days in a row. That means on Monday November 21st and Tuesday November 22nd you will find a table with two people and a ballot box outside the C+D. Voting times will be from 8:30 am to 4:30 pm.

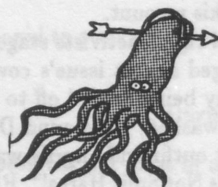
Now that you know when to do it, I'm going to tell you what you can do. You can choose your MathSoc Summer Executive. The positions to be filled are: President, Vice-President, and Treasurer.

Now, why you should do it. These positions are extremely important to you the student! As members of the Mathematics Society you are members of a non-profit group that manages great wads of money. On your behalf MathSoc runs many social events, most importantly Orientation. MathSoc operates the C+D. MathSoc represents you at various levels on campus. It is up to you to elect someone capable of representing you at these levels. You should elect someone that will run MathSoc in a manner that will ensure that MathSoc is around in the years to come.

Please contact the candidates to see who you want to represent you. Then get out and vote on one of our days.

Now I'm going to tell you who can vote. Any co-op student currently registered with an ID card can vote. Sorry about the hype to you Regular folks.

Vote responsibly please.



CRO
Rog

Making Sense of Free Trade

For all intents and purposes, the free trade deal represents not only an economic pact between Canada and the U.S., but it also encapsulates the general mood of a nation which, through several attempts to gain diversification in a world already dependent upon the elimination of tariffs through mutual agreement between countries and, indeed, between trading blocs that have developed in the post-war era of renewed optimism tempered with a deep-seeded desire for a more protectionist stance, albeit not unhampered by the meddling influence of political expediency by those who perceive economic isolationism as a boon to the general makeup of the internationally diversified global economy which, as a whole, exceeds the means of a general public, which, in the name of self-preservation, has resorted to a wider scope of influence that was spurred, in part, by the overwhelming move to close borders to the flow of goods both to and from industrial centres whose livelihood is dependent upon a national economic policy that emphasizes not only financial stability, but the ability to enhance fiscal performance through a series of well-planned, though not entirely effective initiatives that attempt to eradicate the economic federalism that binds so many together in spite of regional differences that have led to the fracturing of what once was a cohesive growth target, which in recent years has fallen by the wayside as individuals try to make some sense of the complex socio-economic forces that prevail in the modern leveraged economy, which has come as a result of rampant inflation and rising unemployment, coupled with unpredictable currency fluctuations that can only result in a lack of clarification of what the free trade deal is really all about.

J. Edgar Ford

Rob Harnden

Hello, my name is Rob Harnden and I am running for President of the Mathematics Society (MathSoc) for the Spring '89 term. I am currently in my 3B term of Honours Math/Business Administration, Information Systems option. Most of you, however, will probably know me better by the name Hymie, under which I am mathNEWS cover artist and creator/writer of *Fred the Math Bunny*. I also designed the Winter and Fall '88 math sweatshirts. But besides drawing pretty(?) pictures, I am very active in MathSoc as 3B Co-op class rep., publicity director, and office worker.

My main area of concern for the Spring '89 term is to either restore our 5th floor Coffee and Donut shop (in the Grad Lounge) to a break-even position, or investigate its possible closing (it will lose an estimated \$2,500 this year which must be absorbed by the other C+D and MathSoc). I will also ensure that our 3rd floor C+D continues to run smoothly and not at a loss, in order to keep prices to a minimum for the students and faculty. As I have worked as a cashier in both C+D's, I am already very familiar with C+D operations.

Maintaining high quality social events is also of top priority. Summer provides a unique opportunity to organize road trips to beaches, Canada's Wonderland, etc. as well as our usual great concerts, to help ease the pain of being in school for the summer months.

Lastly, the reputation of our faculty on campus concerns me. For example, this fall Math planned and executed a very large, well-organized and successful orientation, only to have the Federation of Students give us a bad review. Criticism such as this should not go undefended. It is important that MathSoc-sponsored events receive the attention they deserve.

So on November 21-22, forget about Mulroney and Turner long enough to vote in the MathSoc elections. Let my experience work for you towards a successful Spring '89 term.

Rob Harnden

Mathletics Report

DieNasty Are Still Champions

That's right. The Math faculty team are A league champions for the third time in a row! YEAHHH!!! Hooray! DieNasty played their best game of the season and were dominant over St. Jerome's College at the Columbia Mud Bowl. As an example of their dominance, I, the goalkeeper did not face a single tough shot. There were four balls to be scooped off the ground but the closest shot was ten feet wide. The defence and offence both came together impressively. Although the score was 1-0, it could have been higher if it weren't for some excellent saves by the opposing keeper.

The lone goal was scored by none other than Tom Brezina, our Man Of The Year for his outstanding control of the midfield. I would like to thank all of the players (mentioned in the previous issue) for their perseverance in the rain-soaked match and hope that they will all be returning next summer. Sadly, Tom and myself may not be here next summer so a special plea goes out to any goalkeepers and powerhouse midfielders in the audience. Thanks also go out to Greg Mushumanski, Peter Wills, Rob Triebe, Bob Brown, Chris Krantz, and Dave Ballam (and anyone else I may have missed) who have all made contributions to the cause at one time or other during the season. For anyone who is around next term (i.e. W89) there will be a Math faculty indoor soccer team which plays at Seagram Stadium. Come on out because all of our players (except Tom and myself) will be on a work term. Again, many thanks and congratulations for an outstanding season.

Dave Balkwill

Tom Vandelloo \Rightarrow President
Anne Ellerington \Rightarrow Vice-President
Peter Von Schilling \Rightarrow Treasurer

Good morning campers, welcome to the Elections issue of **mathNEWS**. We are Tom, Anne, and Peter and we are running (pant!) for MathSoc Summer Executive: President, Vice-President, and Treasurer respectively. The key to success for the Math Society is leadership and co-ordination. We feel that our proven teamwork abilities make us the best choice for Summer Exec. As a team, our primary objective is to create a great atmosphere for a fabulous Summer '89 term. So get out and vote for the TEAM on November 21st and 22nd.

Tom A Proven Track Record:

- 3 time MathSoc class representative
- **mathNEWS** Editor, Fall and Winter '88
- co-Social Director, Summer '88
- Math Orientation committee member, Fall '88
- Rock&Roll Night regular
- a really together dude

I feel that the President of a Society should be a person who puts the best interests of the Society above his own goals. I am dedicated to keeping MathSoc running smoothly while implementing a strong social program for you, the students. I feel that I can do the best job with a my running mates, Anne and Peter and I urge you to vote for the three of us on election day.

Anne The Experience You Want:

- MathSoc class representative
- Math Orientation committee member, Fall '88
- Math Orientation event director, Fall '88
- soon to be a squash addict
- enthusiastic beyond belief

An important aspect of a successful Executive is representation by the best people: that is, those who present a good image to the other campus organisations with which MathSoc works. I intend to ensure that our planning is joined with your participation so that we all have a great time this summer. Tom and Peter and I want to represent you as a team, so please elect us as running mates.

Peter The Experience You Need:

- MathSoc class representative
- Math Orientation committee member, Fall '88
- Math Orientation event director, Fall '88
- avid down hill skier
- one friendly guy

MathSoc exists to support you, the Math students. It is important that MathSoc funds get channeled to support student functions. I agree with Tom and Anne that the key to the success of MathSoc is effective leadership and I feel an important part of leadership is openness and responsiveness to new issues and concerns. Give our team your support!

In summary, we think that as a team, we have the experience, the attitude, and the drive to provide you with a fantastic Summer '89 term. We are committed to a strong social program and communication, we are all results-oriented, and we *will* get things done for you this summer. We urge you to vote for us as running mates to ensure that we can run this Society as effectively as possible. Show us your support on November 21st and 22nd. And remember:

Tom + Anne + Peter = TEAMWORK!

An Open Letter

Hi! My name is Darryl Ricker. When I found out that Tom was running for MathSoc President, I asked him if I could write a letter of endorsement. My qualification for doing so is that I served as MathSoc Summer '88 President.

Tom served as co-Social Director last summer and helped produce the most successful social term in recent memory, both in terms of financial success and variety of events. That experience should ensure that next summer will be even better. Tom has also indicated that he will continue the communication program that has been the key to the improved reputation of MathSoc all over the campus.

Tom's hard work and sincere concern for students, coupled with his sense of fun (ask him about Grand Bend) uniquely qualifies him to be MathSoc's Summer '89 President. As someone concerned about the future of the Math Society, I encourage you to share my support for Tom.

Darryl Ricker

This has been an unsolicited, unpaid political announcement on behalf of the "Elect Tom 'The Tahoe Twister Jr.' Vandelloo" campaign.

Shelly Ruth

Hi! My name is Shelly Ruth and I am in 3A Math/Teaching Option. I am one of the candidates for the position of MathSoc Vice-President for the summer '89 term.

Why should you vote for me to be vice-president?

Well, I have been a class representative and MathSoc office worker for three terms, so I am familiar with how MathSoc operates. As well, I have been involved with Math Orientation for the past two years as an event director and a Big Sister to numerous frosh. I am enthusiastic, friendly and open to any comments you may have regarding MathSoc or related activities.

I feel I have the proper qualifications to represent you, the math undergraduate student body, as Vice-President of MathSoc.

Currently, I work in the MathSoc C+D every Tuesday and Thursday, so come in sometime and say hello.

Shelly Ruth

Doug Hopkins

Hi, I'm running for the position of summer '89 treasurer. Why am I running? Because I like money, lots and lots of money... sorry about that (forgot where I was writing). Seriously, I believe that I could do a good job, and I want to become more involved in the running of MathSoc.

I am in 2B Applied Math with Physics electives (a trifle unusual). However, on my last workterm, I was assistant to the accountant of a mining company. I am one of the 2B class reps on the MathSoc council, and have been an office worker for two terms now. I was an event director on the '88 Orientation Committee. I am also a regular writer for **mathNEWS**, your Friday morning friend.

If elected, I will do my best to ensure that your money is distributed fairly, where it will do the most good (giving YOU a good time!). So come out to vote on Monday or Tuesday.

Doug Hopkins

Grimms Brother's Update

This is an article taken from the newsletter FAUST!, roughly the equivalent to mathNEWS here at the University of Mannheim. This article is the current title holder for most-distance-travelled-by-an-article.

In this era of changing terminology so of the old fairy tale's have lost their touch with reality; this should not be.

Little Red Riding Hood for Computer Science Students

There was once a little girl who always wore a red cap. Because of this attribute she was assigned the symbolic name LittleRedRidingHood. One day LittleRedRidingHood's mother said to LittleRedRidingHood "Your grandmother's health just received an interrupt. We have to create a maintenance program and bring it to your grandmother to solve the problem. Don't wander in the forest of low level languages but go the structured way. Always use a fourth generation language and your grandmother will get better quick."

Because the way to grandmother's was reentrant, LittleRedRidingHood met the wolf. He acted very user friendly but had a background job running, programmed with a jump vector. While LittleRedRidingHood took a GOTO a field of flowers, the wolf made a direct jump to grandmother's and rendered her inoperative through a delete job.

Without hesitation he made himself compatible with grandmother but only in sight. He then laid himself in her memory location.

A while later LittleRedRidingHood arrived at the address of her grandmother and entered her current page in main memory. Before installing the maintenance program LittleRedRidingHood ran a verify and asked her grandmother "Grandmother why do you have such big eyes?" "Because I have seen satisfied end-users!" "Grandmother why do you have such big ears?" "The better to understand user wishes!" "Grandmother why do you have such a big mouth?" "The better to cancel your job with!" The wolf then promptly took LittleRedRidingHood as input and after a logoff went to sleep.

As the hunter got out of his loop through the woods and saw that grandmother was no longer on the process table and saw traces of the wolf's system usage in grandmother's memory location. Through

boolean algebra the hunter deduced that grandmother had to be within the wolf's memory. Immediately he took his knife and divided the wolf into many sectors and to their great joy, made grandmother and LittleRedRidingHood into independent modules once again. He then took the daily newsfeed of soc.singles and added it to the wolf's memory and finished the operation with a close. When the wolf awoke, he had such an enlarged main memory that in a few moments died of a storage quota violation.

Little Red Riding Hood for Mathematics Students

There was once a little girl. To this girl was added a red cap and was then on defined as Little Red Riding Hood. "Child", questioned Little Red Riding Hood's mother to Little Red Riding Hood "Elucidate the shortest path to your grandmother. Do not analyse the flowers along the way, but use a formal method of obtaining the solution."

Little Red Riding Hood then joined a cake, some meat, and a bottle of wine into a set, asked for some hints on Dekker's algorithm and went on her way. In the forest the path of Little Red Riding Hood intersected with the path of the wolf. He discussed the relevance of a bunch of flowers for grandmother and motivated her to pick a bunch of flowers with the same cardinality as the natural numbers. The wolf then went to grandmother's and included her in his set.

After remembering a story about Achilles, Little Red Riding Hood finally arrived at grandmother's house. When she saw the wolf she asked, "Grandmother why do you have such big eyes?" "Because I just received my OSAP grant!" "Grandmother why do you have such big ears?" "From trying to hear profs discussing the final exam through closed doors!" "Grandmother why do you have such a big mouth?" "Because I just ate at food services!" The wolf then promptly contained Little Red Riding Hood in a convex volume of himself.

A hunter came by and saw the empty set of grandmothers in the house. Immediately he took his knife and divided the wolf into many sets. This made grandmother and Little Red Riding Hood into independent sets. He then took the set of real numbers and combined them with the remaining sets to form the wolf set once again. The wolf spent the rest of his days traing to remove everything.

Peter Mielke

MathSocko Video

Because of its huge success, MathSoc has decided to extend its video rental service for at least another two weeks. Requests for new acquisitions have been coming in steadily since the last issue. Here are just a few of the new arrivals.

Herbie the Logic Bug	Pretty in PASCAL
Out of Algebra	My Computer Science Project
Sophia's Multiple Choice	Wizard of DOS
The Cobol Purple	The Never-Ending Lecture
Fermat's Theorem's Day Off	Rambo: First Derivative
Maximum Hard-drive	∫ 2001dA: A 2-Space Odyssey
The Sort and the Sourcer	The ψ That Came in from the cos
The Unsolvable	A Frosh Called Wanda
Everything You Wanted to Know About Hex (But Were Afraid to Mask)	

And Now For Something Completely Differentiable

MathSoc is still looking forward to hearing from you about titles you would like to see on future lists.

The Three Banditos, et al.

Engineering Math

or Infinity is an Even Number

I have an engineer friend (I'm sorry, but it's true) who told me an interesting story a few days ago. She (yes, there are a few females in engineering) wanted to decide whether infinity was an odd or even number. Here are her results:

$0! = 1$ (by definition)

She decides $0! = -1 \times -2 \times -3 \times \dots \times -\infty$.

Therefore, $1 = -1 \times -2 \times -3 \times \dots \times -\infty$.

Now, for the answer to be positive 1, all the negative signs must cancel, therefore there must be an even number of negative signs, therefore infinity must be an even number.

Amazing, isn't it? We now have solid, conclusive evidence of how useful engineers are in their spare time.

A Surprised Mathie

P.S. - If you can't find the faulty logic in this solution, you should drop out of math and become an engineer.

Attack of the DC Lounge Monsters

Brian wearily rested his forehead in his hands and sighed, mumbling, "A fungus would almost be better." He lifted his head and looked across the table at Gord Fairway and the rest of the Building Committee, the slightest hint of a pained expression showing on his usually cheerful face.

Now, he thought, I'm going to explain this again veery sloowly. "I'm no architect or interior decorator, sir," he tried again, "and I can appreciate your efforts to be innovative and provide a natural yet alternative style of seating in the new building, really I can. But... well... rows of 0.6-meter-high grass mounds for people to sit on? In the main lobby, yet??"

The committee looked back as a committee will, a vacuous expression colouring its collective features, its members snazzily dressed in dark suits and pleased as punch to be allowed to design a building for their very first time. New toys are wonderful. Fairway, Dean-elect and committee chairman, cleared his throat.

"Well, Mr. Henderson," he said, favouring Brian with Honest Smile #9, "we are certainly glad to see the students getting into the swing of things and taking such an active interest in the building work on our lovely campus. Again, we must reassure you that our top planners have confirmed in their recent 278-page report that our 'Early American Pre-Industrial Naturalistic Grassy Hillock Seating Strategic Initiative' is the perfect approach. You must have seen all the students sitting on the lawns in the summer! They'll love it! 'Hillocks' are the perfect casual seating tool. Of course, we are very grateful for your concern." (You little snot.)

(I wonder what the lecture halls will look like, thought Brian. Probably like the bridge of the *Enterprise*, only with swivel chairs.) "You've asked the students, then, sir?"

Fairway laughed Reassuring Soft Laugh #14. "I'm sure they have many more important things to do than answer every small query of ours, my boy! Wouldn't want to waste their valuable time, poor people, studying hard for their little examinations and earning their little degrees, would we?" (Of course not, brat, do we look like we need a revolution?)

"But... green mounds? To sit on? Indoors?" (Can't wait to see the lawnmowers, fascist pig.)

"Ah, but they'll blend in perfectly with our purple walls, yellow stairways, and matching pink ductwork!" Fairway enthused, beaming charismatically while rubbing his toothbrush mustache. (Now scat, brat. Obviously not an ounce of colour coordination in *your* body. Fail a course or two, then you'll feel better.) "Besides," he beamed, throwing his Ace on the table, "Imp'tint loved the idea last week. Made the front page!"

"Ah... they really hated it the week before, sir. Something about some 'color-blind interrear desiner' or other, if I recall..." (Yes, sir, an endorsement from Imp'tint is like a sign from Hell.)

"Well, perhaps, but *three* weeks ago they couldn't stop praising my... er, that is... the Committee's good work." (Don't argue with me, boy, just because I can't pay them off every single week.)

Brian frantically searched for a way to bring to the man's attention that he was descended from a long line of raving lunatics. "Well, apart from the 'investigayshun into misappropriated funds' suggestion last month, you've got the right of it. Anyway, I've spoken to several students and we think that maybe the Strategic Initiative is a little *too* innovative. Perhaps something more conservative? Perhaps, ah, benches?"

(Stupid little snot telling me what to put in *my* building!) Through gritted teeth and Forced Smile 18-a, "We have hundreds of benches in other buildings, Mr. Henderson."

(Roll it tight and shove it up sideways, jerkus.) "We could always paint them to look like GO pizzas?" he suggested hopefully. Several members looked up with evident interest.

(Little piece of rat turd.) "Thank you for your time and your opinions." Fairway shuffled his papers importantly, and the rest of the committee followed his example after a moment's hesitation.

(Week-dead rotting regurgitated lump of flea-infested camel excrement.) Above the rustling, Brian called: "I'm glad you're so concerned with student opinion, sir. Tell me. Did you work hard at it for years, or were you born dense?"

There was a sudden shocked silence. The other planners looked expectantly at Fairway. Dr. Fairway insulting students was common enough, after all, but a student insulting Dr. Fairway...!!

A few more timid members backed out of possible lines of fire as Fairway glared at Brian, sputtering in rage. Just before he erupted, however, a particularly daring planner's meek voice broke in: "Sir? Leader? Perhaps the youngster has a compromise?" He swiftly earned glares from both for his trouble. "I... I just... well, I overheard him muttering something about fungi earlier, milord, and I thought perhaps..."

Gleam #7 appeared in Fairway's eyes and his countenance suddenly became beatific. "Wait! Silence! Let me Plan!" His brow tensed. Wrinkles appeared in the perfect studio makeup. Thin wisps of smoke materialized beside his ears. He thought some more Thoughts. The process seemed to be rather painful.

Suddenly he launched himself out of his chair and reached across the table, bodily pulling a surprised and not completely fearless Brian to his feet and pumping his hand vigorously. "Yes, my boy, yes!" he radiated, transported with delight. "We can cut materials costs! Fire three staff members! Junk all those extra indoor lawnmowers! Screw our late contractors! Break off negotiations with the AstroTurf people! Yes!!"

He let go of Brian and raised his arms heavenward, shouting: "*We shall sit on metal toadstools!* Let us celebrate!" And the committee members did rejoice, seeing that forsooth their work was at an end and the Sunday Sun awaiteth them without inconvenient interruptions, and serf Brian sate in Awe, dumbfounded that most verily a Great Mind itself seemed to linger among them momentarily before returning to its solid state. And the people did celebrate these three years, and much partying was done, and the Hall of Federation was given sore competition for the colour schemes which clasheth. And thus it came to pass.

(Well, didn't you always wonder how they decided on those ugly things squatting happily in the middle of the lobby?)

The UPA

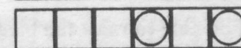
DISORGANIZED *Definition*

Unscramble the five following disorganized words. Once you have unscrambled all the words, unscramble the circled letters to form the word defined below.

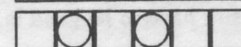
YHLOIDA



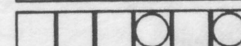
PEEWTR



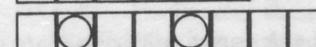
AAARBZ



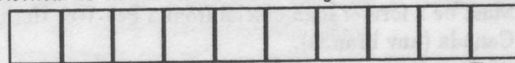
DGROAN



TTUQNOIE



Definition: marks made to indicate degrees or other divisions



-Easy Ernie

LAST ISSUE'S ANSWER:

EXAMINATION: december, axiom, failure, instant, rotunda

Feds

Unsolicited Dirt

Well, once again it is time to tell all of the real dirt found in the Fed Office, so with no further ado . . .

UW is once again prospective members of the Canadian Federation of Students. Therefore, for 5% of what usual members pay, UW students can enjoy the privileges the CFS have to offer. Boy, aren't you happy you didn't lose them!!! UW are still members of the Ontario Federation of Students, even though a certain VPOF forgot the \$33,000 fee on the original Fed budget.

Homecoming has come and gone, and in the meantime the Feds have shined with events like the Homecoming Fair with After Hours Dance and the Blushing Brides concert. Unfortunately, with other events such as the Mammias and Pappas concert (which was great), the Feds have tried to hard to shine for the guests, resulting in a MAJOR loss of money. By the next article, we expect to have some idea of how much.

The Teaching Excellence Committee are still looking for input from the student body while the Student Action Committee are about ready to report to the university about what their survey found student concerns to be.

FIRST STRIKE, how nuclear war can ruin a perfecting good dinner party, is this term's offering from the Creative Arts Board. The run is from November 17-19 and 24-26 and costs only \$5 for Feds. Good, cheap theatre is hard to find, so get some friends and go.

Although there are more things happening, we leave it up to you to ask us. OR better yet, go to the General Meeting and find out what is going on with your \$18. Thursday, November 24 at 7:00 p.m. in Phy145 the Fed Exec, starring Chamberlain, Rinella, and Carmichael, will expose themselves for questions, so get ready.

From Your Friendly Feds,
John Herbert, Paul Obeda,
Roger Tudor, & Jackie Yang

MathSoc Summer Executive Nominations

Nomination forms for the Summer '89 MathSoc Executive positions of President, Vice-President, and Treasurer will be available in the MathSoc office on Monday, November 7th. Completed forms will be accepted until Friday, November 11th. The term of office for each of the positions will be from May 1st, 1989 to August 31, 1989.

The responsibilities of the Executive include, but are not limited to the following:

President:

- Someone who has no idea what is going on, but will gladly consent to anything.
- Will be able to raise the biggest stink of anyone at any bull session.
- Doesn't have to be good in math (why should he be, no one else is).

Vice-President:

- A person willing to share the blame for anything the president decides to do.
- Must be a former high official from a Pee-Wee Herman fan club in Canada (any branch).
- Must have some knowledge of math (ie. must know how to spell the word *math*).

Ultra Classifieds

Okay, if CS 131 is so %\$@~&* wimpy, eh, why was the class average for the midterm, like, eh, only 61%, huh, eh? (. . . in the background, we hear disgusting, uncultured, vicious laughter. . .)

The Ignoranonymous One

Maybe because you've been lulled into a sense of security by the 40 credit degree program.

Disgruntled Upperyear CS Major

The UW Apathy Club will meet on the topic "The Difference Between Ignorance and Apathy". Details: we don't know and we don't care.

Wanted: one baseball glove in order to drink Campus Centre coffee without having to be admitted to K-W Hospital's burn ward. Just ask for the guy who sings "Billie Jean" and "Bad".

GAUSS LIVES!!!!

Morals are one thing. Ratings are everything.

C.C. Hope you enjoyed dinner. Here's to many more like it.

Spook

Beware of doors without windows.

Russ "Purple Fingers" Chamberlain

A reminder to some of the first year students at St. Jerome's College: you can't win Keener Bingo with only one name on your card. I don't care how many bonus points you have, you can't win with only one name.

The Keener

Treasurer:

- This person must have no prior convictions for armed robbery, but murder is allowed.
- Must be familiar with the Golden Rule (he who has gold, makes the rules).
- Must know the difference between account (like the one at the bank) and a count (like Dracula).

Army General:

- Must be able to fend off any invasion by the engineers.
- Must be familiar with chemistry to ward off chemical warfare by the chemical engineers.
- Person elected will agree to move in and eat in the mess hall (C+D shop on 3rd floor).
- If married, his wife is not allowed to bring more than 1 dozen shoes with her.

All applications submitted by noon tomorrow to MathSoc . . . all applications must contain signatures of 15 people (preferably all still alive).

Commande

To The Editor

Since you've gotten two letters over the past two issues, ranging from silly and pointless to somewhat nasty, silly and pointless, I thought I'd write you a nice one. Who knows, maybe 3 letters in 3 issues will convince more people to write to you to make you feel really important. You, and all of your fellow hard workers, do a wonderful job on this paper and I wanted to compliment all of you and say thank-you so you can stop saying you never get any thanks! Your collective imagination and creativity is super, but you see, we readers are doing a wonderful job too. If everyone came out to a production night, besides the fact that you'd need a very large room, there would be no point in printing the paper and no one would be wonderfully shocked and surprised on Friday mornings seeing interesting material they have never seen before.

Scott M.
Act.Sci.

I'm writing in response to the article found on page 12 about a MathSoc member's concern about "Geeky Frosh Syndrome" in the last week's issue. As I see myself as very defensive and never outspoken, I felt it was my duty as an avid card-playing frosh to comment on this article.

Let me start by asking a simple question. What is the comfy lounge anyway? It seems our MATURE MathSoc member is slightly confused. Well, with CFNY coming through everyday, I would not exactly say it's supposed to be a quiet lounge, anyways. Secondly, what do you think being a MathSoc member makes you anyway, GOD? You have no more right to that lounge than I, buddy! So if you can't compromise with my card playing, then you best go to the artsie-fartsie lounge or library and stick your nose in a book! Finally, I happen to know many MathSoc members, including Prez Lisa, and personally I don't think they give a damn what we do in there, so you must definitely be the geek.

The Card-Playing Frosh!!

Mathies, it's time to wise up and face some environmental issues! I am told that WPIRG believes the math faculty to be the least informed regarding recycling and waste management issues. Is this surprising? How many mathies are aware that there are containers in the CC for paper, tin and glass refuse? I'm sure that most of us are aware of the cans for computer paper near the printers and I hope we all use them; but what about containers for tin and glass? Considering the amounts of pop and juice sold by the C+D, we should have some place in the math building to discard pop cans and juice bottles for recycling. If they already exist, perhaps they should be better marked (I know that I've never seen any!) If they don't exist, then they should! (If you ask me, the 3rd and 5th floor lounges and C+D's would be the logical place for them.) For that matter, paper recycling bins in the lounges would be a good idea. (After all, occasionally people do homework there.)

Did you know that UW spends \$29 per ton of garbage to have it taken to a landfill site? Oh, by the way, this past week was National Recycling Week.

Auntie Matter

I would like to publicly ask MathSoc to account for their C+D. Why is it that Math has the only C+D on campus that refuses to serve tea and coffee in WPIRG mugs?

Michelle Wahl
4A Systems Design with Math option

Dear Michelle,

Thanks for your concern. Please see the article by Paul Obeda elsewhere in this issue describing the recent change in policy by MathSoc.

Steve Smith
Assistant Editor

mathNEWSquiz #2

Hi! Well, submissions for last week were . . . poor to say the least. Let me say this . . . nobody gets them all right! So give the quiz a try, even if you only know a few answers. Get together with your friends! Have a quiz party!

Winners from last issue are Carlos (the submitter without a pseudonym) Donald with 8/15 correct answers. Second place goes to Herc, G.O.D. and The Keener with 5/15 correct. Other submissions include Thomas (2/15) and Luke Robertson (0/15) - sorry Luke! Winners can pick up their prize in Mathsoc (MC3038).

Solutions to last weeks quiz are: 1) Butcher; 2) Desi Arnez Jr.; 3) Tiger; 4) Bobby; 5) Tiny Tim; 6) The Bitch is Back; 7) Joe Flaherty; 8) Tina Turner (Hot Legs) 9) Joe Chill; 10) Victor Buono; 11) Bat-nesia gas; 12) Dick Grayson, Jason Todd and Carrie Kelly.

The quizmaster (that's me) would like to take this opportunity to welcome our new editor. However, upon closer examination, I realized that it's still the same old Tom with new hair. Sorry, just kidding!

And so . . . onto the exciting stuff . . . the quiz for this week . . .

Horror Movies

1. Which director insists on appearing in all his films?
2. What question appears on the cover of Time Magazine in Rosemary's Baby?
3. What was the child's nickname in The Shining?
4. What was the name of the architect who designed "spook central" in GhostBusters?

Children's Television

1. What was the name of Big Bird's invisible friend?
2. Who wanted you to "Look up . . . look waaaay up"?
3. What was the name of Casey's dog?
4. Who brought his stuffed snakes to the Muppet Show?

Music From what song did the following lines come from? Who is the artist? (You must have both parts correct to get the point here!)

1. "Your mission is a failure, you lifestyle's too extreme"
2. "The silicon chip inside her head"
3. "Ooo you make me live"
4. "These crimson spots are dripping from my hand"

Happy squizzing!

the mathNEWSquizmaster
(that's me)

mastHEAD

Today's mathNEWS was brought to you under the pseudoeditorship of Steve Smith. Many thanks go to Tom Vandelo, the current and soon to be retired editor, who showed me how to do everything, and even did a lot of it himself. Also much thanks to Carolyn Duke, Chris Fievoli, Frank Letniowski, Karen Wasslen, Rob DelMundo, Dave Nuttall, Kivi Shapiro, Peter Meilke, The UPA, The Punster, those guys who do the gridword, and any other contributors who's names didn't make this list.

As well gratuities go to Marion and the crew at Graphics Services, the DCS folks, and Little Caesars square pizzas.

The last issue comes out in two weeks. Get your prof quotes and submissions in soon. 'Till then,

crash

It's All Fun And Games Until Someone Loses A Gridword

The last Gridword was apparently much more difficult, judging by the comments and number of submissions - 13 out of 16 correct (not bad) and one late one. This is down from previous time and there were no suggestions that the grid was too easy! Hopefully people were not intimidated too much and will continue to attempt them; after all, the only other alternative is to pay attention in those Friday morning lectures and nobody really does that, do they!

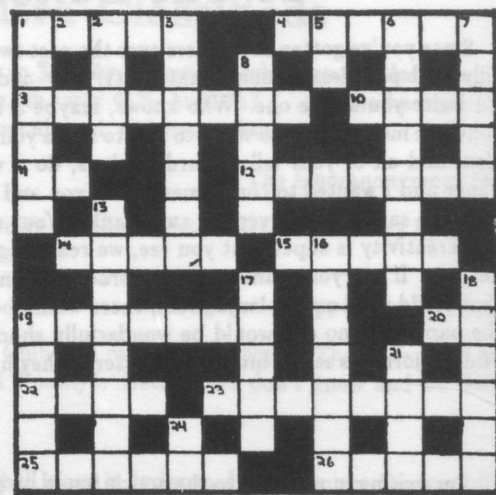
The brilliant ones were: Captain Chaos and his holy ICBM [Are you available for certain class/prof demolitions? - PSYDA]; dB; BP; Jak & Lu; A. Mark Earnshaw; FIZZ; Tan Staaf; Winston Jr & Geek; Two of the few, one of the many; The Spoon and Allyn of the Dim Forest; Grimm & Hoare; TOMAS; and Carlos (The Submitter w/o a Pseudonym) Donald. Not so brilliant were Vistlik the Romulan; Galahad; and Luke Robertson. Dishonourable mention goes to the late MH who supplied an answer to the previous Gridword which was, however, identical to the published answer. Carlos is this week's lucky winner with his educational suggestion of a "Favourite Pick-up Line". It would be appreciated however if you could supply experimental results with your suggestion (i.e. does it really work?).

Other favourites were: Favourite Punishment; Favourite religious leader; Favourite disease [so many to try - P]; Favourite reaction; Favourite comment; Favourite lungfish; Favourite TTC bus route; Favourite Winnie the Pooh episode; (Favourite) [Mr. Originality - P]; (Favourite) [his children, no doubt - P]; Favourite light bulb joke; Favourite Gilligan's Island character; and Favourite colour of a black coffee out of comfy lounge vending machines.

Comments: In the upcoming election, you have only one thing to remember: don't vote, it only encourages them! [I'll second the motion - P]; Not fair!!; Much more interesting; Alright. We're loaded and we still can't get it. Many thanx to the Bombshelter staff & especially Friday's DJ. [Congratulations, you found the secret to solving them - P]; Is it just me or was this one hard?; Probably bought the farm again, eh?!; Exoskeletons are in!; I hear Ron's bird spits!; Not written; F—CK!; It was a bitch!; An elbow to the coconut for the man in blue!! Slices from my brain?; "ET FEAR"? Either this is wrong or the gridword is slipping. And 18A is a bit iffy. [What's wrong with originality? Besides everyone else got them. Maybe you're slipping - P]; Haven't had it (Gridword) in months.; What the !*# is a sixth ram.

This week's Gridword was constructed largely by CYBERman (slower than a 300 baud modem, less powerful than a ZX81, able to leap i.e. pounce upon drunken froshettes in a single bound) with minimal assistance from myself. Originally this was going to be a Gridword challenge (i.e. he try one of mine and I try one of his) but you'll notice his name is not on the list of brilliant ones. HA HA HA!! Let's get out there and warp you're brain some more and someday you too may be able to visualize negative-dimensional spaces! But make sure you keep your ears open for prof quotes while you're doing them.

PSYDA



Cryptic

Across

- Boast that the pool additive meets objective (5)
- Pound pork in French sea (8)
- Flock components provide structural support for matrix components (8)
- Alien not available on this mountain (4)
- Nancy's drug word (2)
- Reduce light back for period in office, an Oktoberfest holdback (7)
- Deaf person communicates, but mixes up song (5)
- Morning brew, less 'e', is this colour (5)
- Occupy within sister's garment (7)
- Mother Dukakis' state (2)
- Complaining horses (4)
- Weekend day you price to fill (8)
- Elton John's alter ego regards period with remorse (6)
- Desire yearly wage (5)

Down

- This packaging is from California, Carol (6)
- It's a shame it's real asbestos (4)
- Alien store created bond (7)
- Morning math (2)
- Photograph border of a crimson colour was important (8)
- The domain is not complex, M'Lord (5)
- Guru is direction friend, in France (5)
- Blindfold device, just for a laugh (5,3)
- Soldier of fortune hesitates yearly for heavy metal (7)
- Strongman article for three letter acronyms (5)
- The wheels even lurch (6)
- Central hotel hesitates (5)
- A stately city affair (4)
- First person to fly German airplane (2)

Name: _____

Favourite
Pick-up Line: _____

Comment: _____