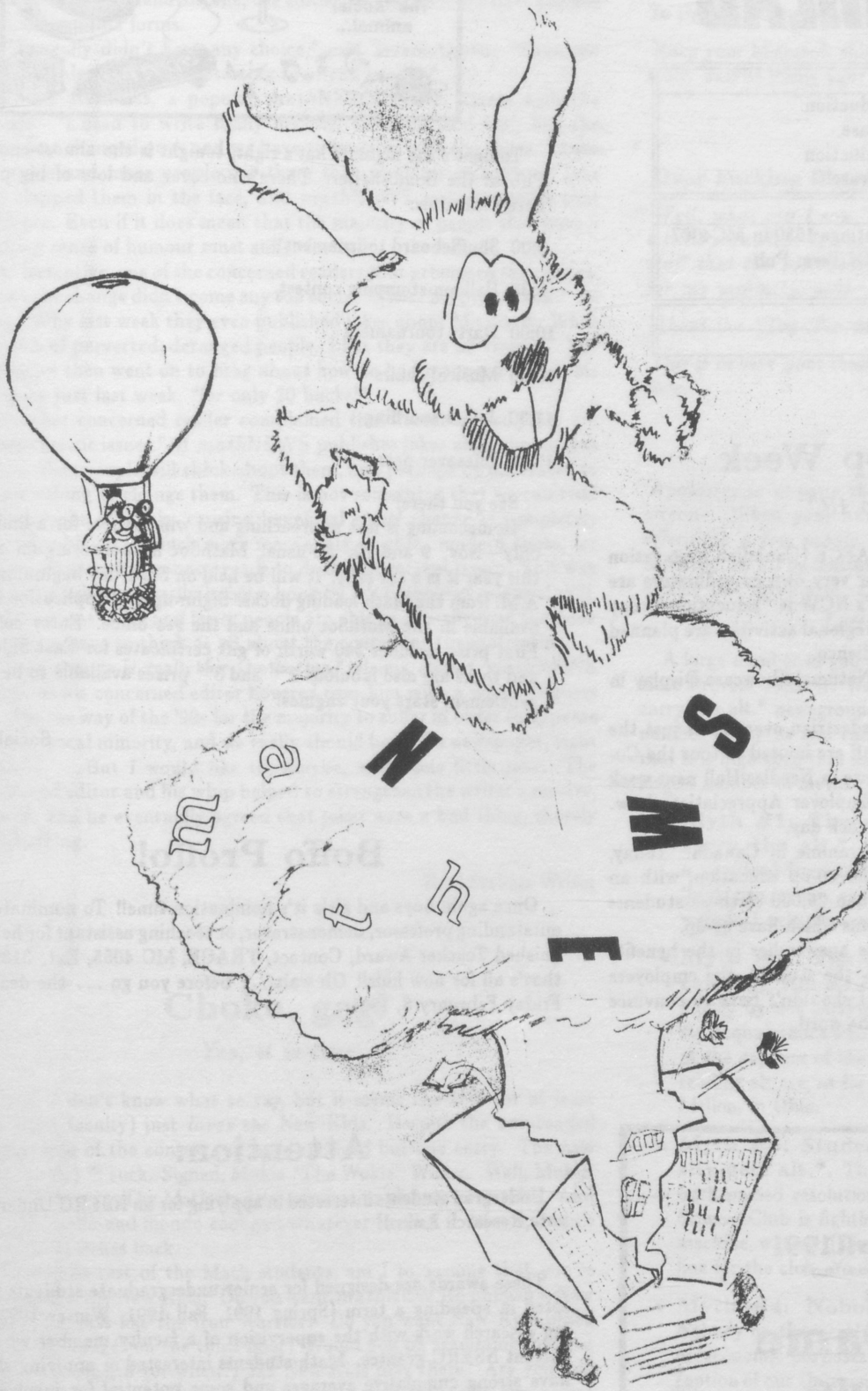


Volume 54

Number 5

2 November

1990



don't forget...

look

AHEAD

<i>mathNEWS</i>	
Nov 12	Issue #6 production
Nov 16	Issue #6 release
Nov 26	Issue #7 production
Nov 30	Last issue release!
MathSoc	
Mondays	MathSoc meetings 1630 in MC4067
Nov 2	Almost End Of Term Pub
Nov 10	Car Rally
Cinema Gratis	
Nov 20	Easy Rider

National Co-op Week

November 4th to 10th

National Co-op week is sponsored by CAFCE (Canadian Association for Co-operative Education). Some of our very own co-ordinators are active members. The theme for this year's NCW is "Education Today for Excellence Tomorrow". National and regional activities are planned to promote co-op education to a wide audience.

On November 1st and 2nd, there is a National Showcase Display in Ottawa by schools with co-op.

The banner on the University Ave. pedestrian overpass is just the first sign of NCW at UW. Faculty and staff are invited to tour the Co-operative Education Department. If you are in Needles Hall next week around lunch time, you might see the Employer Appreciation draw. Two prizes will be awarded to employers each day.

UW offered the first co-operative programme in Canada. Today, eighty-one post-secondary institutions offer co-op education, with an enrollment of more than 40,000. More than 25,000 of those students attend one of the thirty Ontario institutions which have co-op.

Why is co-op so popular? Part of the answer lies in the benefits available to the three partners in co-op - the student, the employers and the institutions. If you're in co-op, I shouldn't have to convince you. Co-op's the place to be. So spread the word.

January - April 1991

Looking for a place to stay?

CONSIDER

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NOTRE DAME COLLEGE IS A ROMAN CATHOLIC WOMEN'S RESIDENCE THAT WELCOMES WOMEN OF ALL DENOMINATIONS.

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SUSAN AT (519) 884-5245



The "social"
animal...

Tonight's the night! That's right, tonight is the almost-end-of-term Pub at the Bombshelter. There's no cover and lots of big prizes, so here's schedule:

- 9:00 Shuffleboard tournament
- 9:30 Balloon-stomping contest
- 10:00 Darts tournament
- 10:30 Musical chairs
- 11:30 Jell-O snorfling
- 12:30 Lifesaver pass

See you there!

Homecoming is fast approaching and will be here for a limited time only—Nov. 9 and 10. As usual, MathSoc is sponsoring an event and this year it is a car rally. It will be held on Saturday beginning at 10:00 A.M. from the Math loading docks. Sign-up and application forms are available in the MathSoc office and the Fed office. Entry cost is free. First prize includes \$40 worth of gift certificates for East Side Mario's and there are also fabulous 2nd and 3rd prizes available to be won. So gentlemen, start your engines!

Social Director

Boffo Proffo!

Once again boys and girls it's nomination time!! To nominate your outstanding professor, demonstrator, or teaching assistant for the Distinguished Teacher Award, Contact, TRACE, MC 4055, Ext. 3132. Well that's all for now kids!! Oh wait ... before you go ... the deadline is Friday February 8, 1991.

Attention:

Undergrad students interested in applying for an NSERC Undergraduate Research Award:

These awards are designed for senior undergraduate students interested in spending a term (Spring 1991, Fall 1991, Winter 1992) doing research work with the supervision of a faculty member who is a current NSERC grantee. Math students interested in applying should have strong cumulative averages and some potential for involvement in innovative research in any of the five departments of the Faculty of Mathematics. Reimbursement is usually commensurate with salaries for co-op work terms. If you have further questions or wish to apply for consideration for one of these awards, applications are available from department secretaries or from the Math Grad Office, MC 5090.

mathNEWS Bans Humour

In their ongoing effort to be a socially acceptable, nice family newspaper that doesn't offend anyone, the editors of *mathNEWS* have banned humour in all its forms.

"We really didn't have any choice," said Trevor Green. "Even the most harmless jokes were starting to offend people."

Ian M. Harmless, a popular *mathNEWS* writer, agrees with the change: "I used to write funny articles, like 'the' and 'an', but the world has changed now, and we have to keep up with the times. There are more and more people out there that wouldn't recognise a joke if it slapped them in the face, and *mathNEWS* must recognise that audience. Even if it does mean that the majority of people that have a working sense of humour must suffer for it."

A. Retentive, one of the concerned readers that prompted the change, thinks the change didn't come any too soon. "These people are sick!" he says, "Why last week they even published jokes about Microsoft. What a bunch of perverted, deranged people. I bet they are all virgins!" Mr. Retentive then went on to brag about how he had managed to lose his virginity just last week, "for only 20 bucks!"

Another concerned reader complained that "some of the jokes are about current issues." If *mathNEWS* publishes jokes about important things, then people will think about them, and perhaps be motivated to do something to change them. This is not something that we can risk! The thought of a joke causing beneficial social change is completely unacceptable. It is much more reasonable, in these modern times, for serious articles that nobody reads to deal with current issues. This way one can much more easily judge a book by its cover—an essential skill, by the way, as fewer and fewer people are able to actually read the book—and not have to think at all about the content or the motivation.

"This change is really for the better," claims another *mathNEWS* writer, as his concerned editor hovered over him with a whip. "I guess . . . It is the way of the '90s for the majority to suffer in order to appease a small, vocal minority, and we really should be a '90s newspaper, right Trevor? . . . But I would like to, maybe, make one little joke. The concerned editor and his whip helped to strengthen the writer's resolve, though, and he eventually agreed that jokes were a bad thing, shortly before dying.

Real Serious Writer

Choke, gag!

Yes, it is true.

Well, I don't know what to say, but it seems like UW (or at least the Math faculty) just *loves* the New Kids. Despite the unintended lengthening of the contest, we have received but one entry. The new kids (really) ∞ suck. Signed, Mukie "The Wukie" Wilson. Well, Mukie, you can drop by The Math Society anytime to pick up your prize. And yes, it is boffo and mondo cool and whatever I called it 2 (or 3, I can't remember) issues back.

As for the rest of the Math students, am I to assume that you're crazy about the New Kids? Do you want *mathNEWS* to publish a New Kids issue, just like the Iron Warrior? Do you want New Kids piped into both lounges on the third floor? Would you be cramming into Fed Hall, screaming, if (or when?) the New Kids play there? Are you still pre-pubescent, even though some of you aren't teenagers any more? Are the New Kids regarded as the future of music (sic)? Is there any hope left for us? Aaaaaahh. . .

Ford Prefect

feed

BACK

Letters to and from the Editor

To the fuckwit responsible for these weenie anecdotes:

Keep your Microsoft shit to yourself and might I suggest that you get a life. Maybe losing your virginity would help.

Fucking Bored Reader

Dear Fucking Bored Reader:

Well, what can I say. Except that your spelling is impeccable, if a little scrawled. It was unanimous on the part of the mathNEWS staff that the Microsoft quotes were, and I quote, "funny". As for my virginity, well. . . no comment?

About the "Top Ten Middle Eastern Tours" article:

This is in very poor taste. My father is still being held at an Iraqi air base.

Disappointed Reader

Apologies to anyone that this article, or any other, that offends anyone. When your humour is close to the cutting edge, it risks offending a few people. I will refrain, however, from putting a warning on all potentially offensive articles, as it would probably double our issue size. On second thought. . . hmmm!

Letter from the editor

A large number of you are aware of the decision last April by Associate Provost John W. Wong to have on-campus computers no longer carry the alt.* newsgroups, for 'economic reasons'. There are a large number of myths and rumours circulating on the subject, and I feel that it is high time that some of these be cleared up. (Surprisingly, the largest number of myths come from the administration. . .)

- **Myth #1: There are no university computers that carry the alt.* groups.** In fact, every machine that gets a newsfeed from off-campus has them somewhere, usually in a 'junk' newsgroup, as there is on watmath and watcgl. The machine watadm1 actually provides UWO with alt.*!
- **Myth #2: The university is saving money by not carrying the alt.* groups.** The university is, in fact, *losing* money by not carrying them! There are a number of people in my acquaintance who are going to extremes to get the groups, all at the expense of the university. The most popular machines for reading alt are, as far as I can tell, UWO machines and Carnegie-Mellon, in Ohio.
- **Myth #3: Students don't care whether the university gets alt.*.** The Federation of Students and MathSoc have both passed resolutions condemning the action. The Computer Science Club is fighting tooth and nail to get alt.* on their own machine, watcsc. (Their biggest obstacle: getting a business phone line for the club. You'd never guess who has to approve it. . .)
- **Myth #4: Nobody offcampus is paying attention.** Nobody on the worldwide computer net is buying the official line of 'economic purposes'. As far as everyone (with the possible exception of our University's bureaucracy) is concerned, the real reason for removing the groups is, plain and simple, censorship. We may be losing quality professors and students, and deterring more from coming here, with our rapidly-increasing reputation as 'Censorship U', and I for one am fed up with it. I came here to get an education!

Trevor Green

KEVIN BOYES
FOR TREASURER

The faculty of Mathematics represents a group of more than 2000 students who are destined to have a significant impact in the future of our country. In a society where technology is growing more rapidly than ever, and where problems are becoming increasingly complex, a background in mathematics will become more and more valuable.

This intellectual advantage, coupled with a good set of personal skills, will equip a person to be a definite leader in the world.

For this reason I see one of the principle goals of the Mathematics Society to be to enhance personal skills by hosting and promoting social events for the faculty. As well, I would continue the present efforts to run the society in a more business-like fashion, and would implement measures to increase the awareness and involvement of the student body in Math Society affairs.

I would bring to the society experience in finance and marketing in a corporate environment, leadership skills demonstrated by previously held offices of President of various clubs and organizations and Captain of various sports teams, and an aggressiveness and determination that is instrumental in making any organization a success.

I would be glad to serve you as Math Society Treasurer and would appreciate your vote next Thursday or Friday.

Kevin Boyes

SEEMA + MARKUS + KEVIN = THE RIGHT FORMULA

MGC READ THIS!!!

"The Fun Has Just Begun"

Missed the submission deadline so this will be short. (1:00am Mon.)

Remember...

- Pick up Graduate today at Needless.
 - Volunteer for Pizza Day Nov 2.
 - Help out at Bingo on Nov 13. }
see MCC Door to sign-up
 - Submit ACCIS by Nov. 16
 - Get thoughts yearbook photos in!
 - End of Term Party! - stay tuned for details
 - Halloween Party - Nov. 3 @ Unit #28
Karen walk (Not officially sponsored event but all grads are welcome).
- Burned out from the Chair (PrS)

Treasurer

VOTE

MIKE

Vote Mike Abramczuk for Treasurer,

Spring '91

MARKUS BAUMANN
for
VICE-PRESIDENT

EXPERIENCE

- Math Society Publications Director.
- Math Society Orientation Committee Member
"Frosh Leader".
- Math Society Office Worker.

Obviously it's election time and I have chosen to run for Vice-President of the Math Society. It looks like it will be a tough climb up the campaign trail with the stiff competition for Vice-presidency.

I am running with a great team for this summer's executive committee. There are many things about the Math Society that we believe are great and should be further enhanced and promoted, but there are also certain aspects which we aim to change so that the Math Society can better serve its members-YOU! We really want to hear your ideas because it is your Society and if you're not satisfied with your elected executive, then we're not fulfilling our positions.

Looking forward to a great summer,

Markus.

REMEMBER,

SEEMA + MARKUS + KEVIN = THE RIGHT FORMULA

It's Election Time!

The DRO's Report

Election time is, once again, upon us. For those of you who will not be back here in Spring term, you may return to your regularly scheduled class (or the next page). As for those who *will* be here in the summer, now is your chance to decide who will be your fearless (beerless?) leaders for the summer (party) months.

Nominations closed last Monday (the 29th of October), and the following people will be running for executive positions: (The names are in random order.)

President: Harish Pawagi
Seema Wadhwa
Dave Hubert
Vice-President: Markus Baumann
Treasurer: Mike Abramczuk
Kevin Boyes
Rob Watson

Each of these people has a brief statement included on these two pages.

The campaign period will run until next Wednesday (the 7th of November), so look for these people as they wander around and try to get your attention. They probably will drop (or have dropped) by your classes once or twice to introduce themselves.

The election will take place next Thursday and Friday (the 8th and 9th) for most of each of those days (9:30 to 3:30 on the third floor). Be sure to get out and vote—the quality of your summer depends on it!

If anyone who is still with me is interested, nominations for next year's (Fall and Winter) executive will open in the next few weeks.

Dave Weil
for the Election Committee
(and what's-her-name)

DAVE HUBERT for PRESIDENT

EXPERIENCE

- current **Vice-President** of MathSoc
- **Publicity Director** of summer '89
- former **Office Worker**
- representative on **Committee of Presidents**.

I have been involved with the Math Society since early in my first term. Gradually becoming more involved, I have gained exposure to the various facets of the society. As an office worker, I learned the insides of the office. As Publicity Director, I learned the social aspect of Mathsoc. As vice-president, I learned how Mathsoc works with faculty and other societies.

Through my experiences in the office, I have developed my own ideas about leadership and how the society should grow.

I find my involvement in Mathsoc to be very rewarding. Although holding an executive position is demanding, the satisfaction of my accomplishments justifies the effort. If elected President, I will make every effort to make the summer of '91 your best summer ever.

SEEMA for PREZ

Hi!!! My name is Seema Wadhwa and I'm running for President for the Spring 1991 Term. I am currently enrolled in 3B Actuarial Science. My experience with Math Society includes the elected positions of 2B and 3A class rep and I am currently 3B class rep. I was an orientation leader this past September for those of you frosh who remember me. Also, I have been an office worker for the last couple of years. Presently, I hold the position of Social Affairs Director. Since May, I have been on the Federation of Students Council from which I continue to learn about how our school is run. I also sit on the Homecoming Committee and we have an exciting Homecoming in store for you!!

My goals for Math Society are to increase Math Society awareness and involvement. The Society exists for YOU and you should have a direct involvement with it. It's summertime and summer means FUN... So I want to have a minimum of one social event per week and I'll do my best to get people out to them. Another one of my goals is to enhance the business image that we are currently striving for.

My involvement with Math Society and feds have been invaluable teaching me both organizational and leadership skills. Combine that with my sincere concern for the direction of Math Society and I feel that I could make a substantial contribution to the Math Society as President. So remember - on Thursday, Nov. 8 and Friday, Nov. 10 Vote Seema for Prez!!!

SEEMA + MARKUS + KEVIN = THE RIGHT FORMULA

Harish Pawagi

President

EXPERIENCE: I am currently the 3B Co-op Math Class Rep on the society council and my responsibilities include keeping the 3B class informed of society events and answering any questions they may have. I am involved in all decisions made by the council and I maintain a regular office hour in the Math Society Office. As Commissioner, Board of Academic Affairs, Federation of Students, my duties include answering any questions in regards to undergraduate academic policies at the University of Waterloo. The two major projects I am dealing with this term as Commissioner are the development of extended course outlines, which we hope will be available in the undergraduate offices beginning next term, and organising and coordinating Graduate Studies Information Day, which is to take place in the Campus Centre on November 14th.

IDEAS: I intend to increase the information exchanged between council and society members. The first step towards doing so will be to move council meetings from their rather obscure location on the fourth floor to the third floor comfy lounge. This will allow students easier access to council meetings and will make council and its decisions much more visible. The next step is to put a summary of council meetings, including all decisions made, into *mathNEWS*.

COMMITMENT: As President of the Math Society, I will continue my commitment to the math students of Waterloo by providing solid leadership, new ideas, and an administration accessible to every member of the society.

Vote **Harish Pawagi** for President. *Make it so!*

Harish Pawagi

Twin Geeks

*A story of murder, love, dreams, sibling engineers,
and a tool*

Our story starts on a bright sunny Waterloo day (yes, they do exist, Virginia). From the top of the Arts Library we see twin geek engineers walking along the path in front of the physics building ... whooops ... one trips on a paving stone!

... Later ...

We see our ... ahem ... heroes in the K-W hospital. One in a hospital bed ... unconscious ... with a broken nose ... (yes it gets worse) ... and in engineering. The other is beside the bed ... worried about his twin brother ... and also unfortunately in engineering. The unconscious one suddenly wakes up and gazes at the ceiling. He speaks:

"I have had a dream."

"A dream?" inquires the wide-eyed and unbroken twin geek.

"Yes, a dream" continues our bandaged basket case. "In the dream a left handed albino lesbian eskimo midget (sincere apologies to the Dead Milkmen — the author) talked to me. She said that something terrible has happened, and that we are the only people that can be trusted with the quest. The left-handed albino lesbian eskimo midget told me many things about the quest."

"Like what?" asked the concerned engi-geek with a tone in his voice that showed that he thought his brother was on a long trip up the theoretical river without a canoe, much less a paddle.

"The left-handed albino lesbian eskimo midget said that she is to be referred to as Bambi, and that I am to be called Dale, and you Harry. She also said that we should leave messages for her by talking into my HP calculator. She also said that our quest is to find out who stole the tool. To help us, she told me the following four things: The natural log man knows many things; Ducks bite, but only on the Wednesday before the Thursday which is 3 days after the day before a full moon; A fool and his money are soon separated due to an error in his income tax form; One good pull gets all of the covers." stated Dale like someone who has found the pot of gold at the end of the rainbow, but has lost it because he looks down to find that his shoelaces are untied and has the pot of gold stolen from out under his nose (which is not broken at this time, though it is in reality) while he is retying them.

"OK." says Harry while looking up the procedure to get someone committed to an insane asylum.

"Well, let's go find the tool!" exclaims Dale, jumping out of bed.

... Later ...

Click! ... "Bambi", says Dale into his HP285, "Harry and I are standing outside of the Math C+D, enjoying a coffee and a doughnaught. Sadly, they don't have any jellies left, so I had to settle for two chocolate glazed. The icing is especially rich. If you get a chance, stop by here and buy some. The coffee and doughnaughts are damn good, and reasonably priced. Anyhow, I think that we have figured out the identity of the natural log man. We think that he is the blonde-haired MathSoc president Tom Vandeloo ... this seems to make sense since the natural log is the symbol of the Math Society." Click!

"Harry", says Dale to his reluctant companion, "I think that we can find the natural log man here." Dale looks down the corridor and indicates to the MathSoc exec office. "Let's see if he is in."

Knock. Knock. Knock.

"What do you want, and don't be smart and say a corn beef on rye", replied a voice from the other side of the door.

"We are looking for the natural log man, Tom Vandeloo", says Dale:

The door opens to reveal Tom Vandeloo, standing with a book in his hand!

... TO BE CONTINUED ! ...

Maybe next week, we'll find out if

- if Bambi has a sister

- if the book Tom had in his hand is "How to be Popular with the Electorate" by Brian Mulroney

- what Michael Wilson looks like with a Mohawk
- if the writer has a large enough drug supply to write a second part of this story.

Hobgoblin

Elvis' Rotting Corpse Seen in Memphis!!!!

and he's dead as a doornail

I just want to make one thing clear. You will not find any jokes about the you-know-what last week. It's not that I don't know about it, or that I don't care about it, it's just that, to paraphrase Brent B., I'm sick of it, and I don't want to hear any more. Now that that's out of the way, let's get on to some serious prattling off of upcoming events.

Up first on the event horizon is ... talks. Danny Brown, will be giving a talk on functions on November first (that's yesterday). He Professor Gilbert will be presenting his long-awaited talk on fractals the week after that. The following week, we are hosting Tidbits II: the Return of Freddy (and Eddie). We're going to have short talks given by various students about their favourite piece of mathematics. We're aiming for about four expositions.

The format is very informal and we encourage anyone interested to participate. If you don't feel like presenting something, then come by and listen. The week after that, Paul check will be talking about schizophrenic functions and other wonders of the mathematical asylum. Yes, here at last will be revealed functions so hideously deformed that they defy any explanation or understanding by mere 1A calculus. Find out what your prof was so scared to tell you, the naked truth about the [censored] and biggest [censored] [censored] mapping you'll ever see. With the aid of Bert-o-mathics, Paul will guide us through this hitherto unseen underworld. However, we would like to caution you that the content will be for adult viewers only, as some scenes may be frightening to young bunny rabbits.

What else have we done? Well, we had a fabulous pizza party last week. We were thronged by multitudes who were all supremely honored to be welcomed into the PMC pizza party [hi PVS - the f.u.t.e.]. It was at MC5158, 12:30-2:30, for those one or two of you who weren't there. Ok, ok, so the turnout wasn't, shall we say, quite as high as we had planned. But that's in part due to a surprise guest appearance by a conflicting event. We're going to be having some sort of end-of-term party, probably in conjunction with the applied math club and/or the computer science club. At least that's what happened last year, and what do I know, I just write these columns and watch them disappear into a faceless abyss, and hope that they brighten the Friday morning of some poor depressed mathie.

We're planning on becoming an official student chapter of the American Mathematical Association. Benefits would be vastly reduced prices on subscriptions, books, ... possibility of attending student math conferences ... limitless supply of donuts for future talks. My eyes go all starry just thinking about it. If you're interested, we need five people. It would cost ten dollars each, or twenty including a subscription.

In other news, informed sources at the Persian Gulf have reported that SuperBert was seen flying over the area. It appears that the tireless hero of PMC-dom has turned to another mighty crisis, and is hard at work rescuing beached whales on the shores of the Straits of Hormuz. Yes, our noble mascot is once again proving his innate compassion for all living and/or dead creatures on this planet. Bart Simpson was also seen in the vicinity, but was generally ignored due to the falling price of cows.

the flying undying tomato express

Prof Quotes

Lots of submissions to our BLACK BOX this week means lots of good prof quotes. Are you really listening that closely to the wonderful things your profs say, or are you talented enough to just tune in when they hit those lovely "faux pas"? Great job!

"When you're in a war, I suppose, the last thing you're thinking about is logic: 'We've got our predicates mixed up, by golly!'"

DeMarco, PHIL 200J

"Room 315, or 215 on your timetable. That's a simple one-to-one mapping."

Vanstone, C&O 230

"I heard that. Who said I'd make a good used car salesman?"

Reynolds, MTHEL 305A

"That would mean someone had stolen your balls."

Brown, STAT 230

"Even engineers' IQs are bigger than minus infinity."

Brown, STAT 230

"Don't write something down the instant it appears on the board. Wait until it stabilizes."

Brender, ACTSC 432

"And the one thing that I haven't used yet is my thumb."

Dickey, PM 360

"Is the primitive fa - PART - factorable?"

Zorzitto, PM 344

"He walks, he talks, he crawls like a reptile, AND he defies gravity."

Moffat, CHEM 454

"The GST is the Gram-Schmidt Tax I guess."

P. Hoffman

"I want a royalty on any hints you sell."

Schellenburg, MATH 135

"Better than a hit in the head with a frozen haggis."

Buhr, CS 242

"Pi over two is equal to 5.3, uh, for large values of pi."

Tempa, CS 340

"Visiting your girlfriend is not a conflict ... well, maybe for her it is."

Eastman, PHYS 121

"To measure the impulse, shoot a bullet into a block of wood ... or an engineer's head."

Eastman, PHYS 121

"How many people here smoke themselves ... I mean smoke cigarettes?"

Brown, STAT 230

"You can't define Brian Mulroney. Perhaps you can't explain him either."

DeMarco, PHIL 200J

"K is for complete, because we can't spell."

DeMarco, PHIL 200J

"Sort of grade 6 calculus."

Ponzo, AM 251

"If this was the Senate, I would decree this was multinomial by the Mulroney method."

Safayeni, MSCI 311

"You'll have to excuse me, I'm not good at drawing seven dimensional figures."

Murty, C&O 350

"It's always good to know the answer before you do the calculation; it makes you feel better."

Hyazi, ACC 371

"There are so many blank faces out there. Did something happen on the weekend? How many partied all weekend? Drugs?"

Best, ACTSC 335

"log u ... how rude!"

Scoins, MATH 137

"Problem #62 involves two people in motion in a canoe ... No it's not that kind of a problem."

Eastman, PHYS 121

"I don't know why nothing I say appears in mathNEWS."

Shallit, CS 462/662

"You just can't keep some things secret for nine months ..."

Dickey AM 135

"We now have to write it in proper mathematical language so no one can understand it."

Read, C&O 230

"No, that's not right, because in the beginning God made column vectors."

Best, ACTSC 335

"Choose one of the other, one or the either, ... Choose one of them."

Cox, ECON 361

"On the exam, I should put: 'No calculators, no dice.'"

Tempa, CS 354

"What do you mean by non-degenerate? Someone who is morally fine."

Younger, C&O 342

"I don't expect a formal answer to this question. I expect handwaving."

Tempa, CS 354

"Here we have a violation of Clausius ... well a violation of his theorem, not his person."

Anderson, PHYS 358

"Suppose we're in hell and we have square pool balls."

Morrison, PHYS 121

Vapid Fire

Inclement weather shuts down government

- In an unsurprising move, the Senate closed down recently as a result of a driving snowstorm which dumped a total of 0.08 mm of snow on the National Capital Region. While business proceeded as usual outside, Senators rushed home, or, in most cases, did not bother to show up at the Upper Chamber at all, in an effort to avoid the nonexistent problems normally associated with much heavier storms.
- According to a recent poll (this is true), 7 percent of people in the United States believe Elvis is alive. That amounts to 16 million people—approximately 15 million more than, in a recent poll, said they believe that Brian Mulroney is alive. Brian Mulroney retorted, “”. An aide translated: “Read my lips: just a few more new taxes.”
- Following the recent decision by Alberta to stay on Daylight Savings Time year-round, the British Columbia government have decided to not bother keeping time at all. A spokesman for the government commented, “What is time, really?”

Mr. Death
Four Bee Prime

Try Your Luck in the Comfy Lounge

Have you heard of the \$20 Million 6/49 jackpot? Well there are similar opportunities in the Comfy Lounge.

Students have been seen depositing quarter after quarter into the vending machines. Las Vegas links to the “One armed bandit” are suspected. A leading expert on gambling recently explained the addictive nature of the slot machines. “No matter what the reward, the student who receives nothing will be tempted to seek vengeance.” As a result, social techniques have evolved in the lounge to ‘coax’ the ‘payoff’ at the end of a gambling session. These include the use of ‘booting techniques’. Also the shake, a rattle and roll system has been observed. At this writing, anthropology students are conducting an evolutionary study.

The suspected mob links were confirmed when a suspicious man was seen communicating on a walkie-talkie while tampering with the evil change machine. There are also reports of opened bags planted by Russian spies in order to further complicate matters.

If you haven’t been there yet, then bring your loonies down to the C&D for an unforgettable adventure, with prizes galore.

Bridge Dale



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Waterloo, Ontario
N2L 6G9
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Midterms

8:00 pm
I crack the unused text open
Clean, crisp pages...
I fluff the pillows
Adjust the stereo
Check my caffeine supply
Look at my watch
9:30 pm - 1 1/2 hours
I deserve a break
Grab phone and press buttons
"Calculator Warm-Up!!"
"Hi - you studying? Me too!"
"Where's the party this weekend?"
11:30 pm - back to the books
Oops, gotta flip the tapes
Check out Arsenio! Ooh, Ooh, Ooh...
Letterman next... I look back at books
2:00 am - Crack first Coke
Start Chapter One, Question One
Cat leaps on lap... start to pet him
He gets drowsy...
Zzzz!
8:30 am - shocked awake by alarm
Cold sweat, panic mode
Race for class...
Chat with buddy, "D'you study?"
"Nah, didn't have time!!"

Leon Amore

Emergency Alleged Incendiary Device Evacuation Procedure

A Public Announcement from the UW Stealth and Hasty Department

It has come to the attention of this department that not all personnel complied with the prescribed safety regulations set out in section VII 1 A (b) of the UW Alleged Incendiary Devices Code during last week's alert. We wish to draw public attention to a few crucial points.

At whatsoever time as any alleged incendiary device(s) is/are suspected to lie wholly or partially within the University of Waterloo campus (hereinafter referred to as *the campus*), all persons are to be evacuated from any building which said incendiary device might affect. Such evacuation is to be carried out as follows: heads of departments and other persons having call waiting and/or multiple phone lines are to be contacted and informed of the threat. If their phones are busy, or their answering machines are not functioning, such warnings are to be delivered by on-campus mail.

Once contacted, these persons must effect the evacuation by appointing an evacuation committee, consisting of persons familiar with emergency first-aid techniques and dressed in appropriate clothing. For example, high heels elevate the wearer from the ground and thus insulate him/her from explosive shock. These persons should go to all the offices they can find, calmly explaining that everyone must leave the premises. The alleged incendiary device evacuation committee must not use fire alarms or other public warning devices to evacuate the buildings, as such devices cause panic, as evidenced by student behaviour during fire drills, and must be used only in cases when an actual fire is certain to immolate persons pushed aside in the frenzy.

Once the evacuees have left the building, teams of highly trained personnel will search the buildings for said incendiary devices. Appropriate qualifications for such work include the ability to spot a car parked on Ring Road. No area of the campus larger than the third floor of the math building can be left unsearched.

When any incendiary device is located, it is to be labelled according to the WHMIS requirements, before any personnel may be asked work in its vicinity. WHMIS safety labels must be in English and French, and be visible from all directions of approach and from at least 8.4 metres distance.

We thank you for your co-operation and are confident that adherence to these rules will ensure everyone's safety.

Per N. Øya
Director
Stealth and Hasty

Untitled

It's mid-terms, and when most faculties are slaving away, we the artsies are relaxing. Love is on our minds. Face it, we have barely any work, so our aspirations go to higher things. Artsies and love go together like flowers and bees, nuts and bolts, engineers and labs (fooled you). If you don't believe me, sign up for an arts course. Even if you remain sans company the term will remain a fond memory. Yes, other faculties experience romance as well, but almost all of artsiedom is a celebration of the heart. Look at the way we dress (stop laughing). We write poetry, play music, sing songs, dance, and in general do the same things you do, except we get marks for it. Why all this prattle about warm hugs, tender caresses, and long love letters (in French perhaps, but not French-Letters)? Well, beyond the usual fluffy-headed artsiness, I have a date.

Cat who Deceives

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UltraBlassified

To the Math Undergrad Office: How about getting some updated pictures [recycled 'mugs'] of the Faculty Advisors in the Math Circles Handbook?

MATH230B: THUD Oh, how I love it so! THUD Aaaarrgh! THUD Yes, THUD I AM banging my head with a brick until THUD it's a bloody, THUD pulpy THUD mess. THUD More, more, more! THUD

mastHEAD

He's baaaaack...

First the bomb threat, then the computer crashes—it's a conspiracy! Besides, not only was I not late for this production night, I was in fact half an hour early. As a result, we got a heck of a lot done, and I am, overall, pleased with the result. A big 'thank-you' to everyone who signed the sign-in sheets and ate pizza, who are (with their favourite explosives): Kivi Shapiro (Who wants to know?..), Marcel Goudeseune (ALF in a microwave), Kathi Lai (Nitroglycerine shake-to-go), Mark Brockington (Women's Issues Board), David Wick (Chernobyl), Lori Boomgardt (anything with a bed in it), Dale Wick (Airplanes out of fuel à la Die Hard 2), Paul Hsieh (Pens in my nemesis' mouth), Rob*n Stewart (Corbomite), Wade Richards (²³⁹Pu), Betty-Jo Hill (first-time cook in a kitchen), Shannon Mann (an EMP bomb), David Gibbs (Ford Pintos), Jason Rochon (KCl), Doug Hopkins (soft whipped peaks), Lance Sibley (sleeping Borg) and Curtis Desjardins (gerbils and electrical tape - they blow'ed up REAL good!).

Thanks also to the wonderful people at Gino's Pizza (we'll get that ad right *some day*), the wonderful people at Graphic Services (we love you, Marion!), and Rick and Don in Toronto for giving me even more filler.

Trevor "the reheated editor" Green

Alt.* — The Story

Well, OK, not The Story, just An Update

This is a summary of the story, from the perspective of the Computer Science Club. Other people did a lot of work addressing this issue as well, but I wasn't there, and I can't accurately relate their roles.

A long time ago, in an office not too far away, Dr. Johnny Wong, the Associate-Provost, choose to "not support" the alt.* newsgroup hierarchy, for "economic reasons." He then went on a two week vacation, which was not intentionally timed to be right after the newsgroup removal.

Once the public noticed this, there was a great hue and cry. Many people assumed that the "economic reasons" given were a mere smoke-screen, and assumed that the real reason was to remove the possibly offensive "alt.sex" newsgroup.

The summer executive of the Computer Science Club initially chose not to officially object, because they felt that the club did not wield enough power to have any say. A vocal group of people convinced them that they should take a stand, and they did.

Rather than trying to get the University to change its decision, the CSC decided to push at the "economic reasons" argument. "If that is the only reason," they argued, "then it should be completely acceptable for the CSC's computer to receive an alt.* news feed. It would not be using any of the University's resources."

The University countered that they would be using their computer to get the news from, so they proposed to get a phone line and get the news from another source. In one of many meetings with Dr. Wong, he agreed that this would be an acceptable solution. The executive then made arrangements, bought a modem, and tried to get the phone line installed. They discovered, however, that the Math Faculty required written permission from Dr. Wong before allowing the line to be installed. The secretary sent a memo to Dr. Wong, reminding him of his agreement, and asking him to repeat it in writing for the Faculty. Dr. Wong was by this point on another coincidentally timed two week vacation. Three weeks later, the secretary sent the memo again, and then a week later Dr. Wong replied that he was "considering the request."

Weeks passed, and Dr. Wong agreed to a meeting between himself, the CSC, John Vellinga (Fed president), Dean Kalbfleisch, and Shirley Thompson (the executive assistant to the dean). This meeting (which is the first one I attended as President of the CSC) was less than productive. Dr. Wong mentioned a new concern about security: he fears that if the CSC had the alt.* groups, someone would be able to read them over Sytek, thus using University equipment to "support the alt.* groups." Even though the CSC was willing to guarantee that the Sytek line would not be used to read alt.* groups, he insisted that the club physically remove its computer from the Sytek network, an action that the club was not prepared to take.

A later meeting between the CSC, the Dean and Shirley Thompson brought to light a soon-to-be-formed committee, with representation from students, staff, and faculty, that will look into developing a policy to determine what newsgroups will be supported. This policy will serve to prevent further arbitrary newsgroup removals. The first order of business for this committee is likely to be alt.*, alt.sex, and rec.humor.funny.

The CSC continues to pressure the University to reconsider its decision regarding the alt.* groups. They have shown them that the "economic" argument is not valid, and they are trying to get them to admit the real reasons.

Wade Richards, President
Computer Science Club

Bridge Flash

The University of Waterloo Bridge Club is HERE! Join in the fun! We had our first tournament of the term on October 4th and the winners were:

1. Daniel Nadler & David Gibbs (No relation to Barry)
2. Scott Martin & Eric Sutherland

Thanks to everyone who participated!

Upcoming events:

- November 6th: North American Collegiate Bridge Championship. Compete against schools across North America for a spot in the final six. Schools winning in their region will send the four top finishers for an All-expense paid trip to Atlantic City in March '91. The cost is \$5 per person and analyses of the hands you played are provided. Space is limited ... so please contact Eric Sutherland if interested in playing
- Bridge Club: We will be opening our doors shortly, and everyone is welcome. When the new term rolls around, we will be offering ACBL club masterpoints to the winners. Everyone is welcome (Even Arts, Engineers ...)
- More 1991 Stuff: Bridge is going to take UW by storm next term. In addition to the Club, we will also be having an official ACBL teaching program. Ever wonder what all those people in the Math comfy lounge were doing all the time? Come on out and find out about the most popular card game in the world! And here's the best part THE COURSE IS FREE!!! Pretty amazing eh?
- If interested in playing in any of these events ... please contact Eric Sutherland at 884-6697 or esutherland@trillium.

Ace on Bridge

This week in ACE on BRIDGE, we will talk about NoTrump opening bids, what they mean, and how to respond to them.

Any hand with no singletons or voids (no cards in a suit), and not having two doubletons (two cards in a suit) qualifies as No-Trump distribution. That means any 5-3-3-2, 4-4-3-2, or 4-3-3-3 can be opened NT, if you have enough points.

How much is enough? Well...

- 1NT—15 to 17 High Card Points
- 2NT—20 to 21 HCP
- 3NT—24 to 26 HCP

If you have the intermediate ranges, you must make an intermediate bid before bidding No Trump. That is..

- 18 to 19 HCP—Open 1 of a suit..jump to 2NT over partner's bid
- 22 to 23 HCP—Open 2C (Strong) and rebid 2NT
- 27 or more—Value your hand according to partners response

Why use this No Trump structure? Well, it describes your hand as one of 3 basic distributions; it tells partner within 1 point how many points the partnership controls. Also, opening 1NT has a certain preemptive value, as one-level overcalls cannot be made. It forces the opponents to bid at the two level..and sometimes you double them for a large penalty.

Responses—

There are many conventions that can be used over NT openings, but to keep it simple, I will only go over one...The Stayman convention.

Over 1NT, a bid of 2C by the responder asks the NT bidder to bid any 4-card (or longer) major he has. If there are two majors in the NT bidder's hand, Hearts are bid. If there are none, the response is 2D. This allows responder to pass with no points, but long Diamonds, or sign off at 2 of a major.

The responder then describes the hand by raising the major to the 3-level if he has 8 to 9 points and 4 trumps; to the 4-level with 10-14; and 4C (Gerber - Ace asking) with 15+. Responses to Gerber are:

- 4D—0 or 4 Aces
- 4H—1 Ace
- 4S—2 Aces
- 4NT—3 Aces

If responder does not fit with his partner's major, or partner bid Diamonds, he then bids

- 2NT with 8-9 points
- 3NT with 10-14 points
- 4NT with 15+ (Bid Six with 17, Partner)
- A suit of his own with less than 8 and a 5-card suit

Stayman is also in effect over 2NT opening bids, and 2 C followed by 2NT. Points required to bid are adjusted accordingly.

That's about it for this week. If anyone has any comments or ideas for this column, please contact ACE in the Math Comfy lounge any time. That's where I am, normally.

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READY.

```

05 POKE FUN,@BASIC: POKE 54296,15
10 REM ARKS ON THE ACTIVITIES OF THE COMPUTER SCIENCE CLUB
15 FOR T = PAST
20 PRINT "On October 22nd, David Maritz of Microsoft"
30 PRINT "delivered a diverting presentation on"
40 PRINT "The Evolution of An Operating System."
45 PRINT "Then he ordered Chinese food, in fluent zulu."
50 GOSUB 100
60 PRINT "On October 30th, the CSC and the CS Department"
70 PRINT "presented an information night for 3B students."
80 GOSUB 100
90 GOTO 115
100 PRINT "Tea and doughnaughts were served."
110 RETURN
115 NEXT T
117 FOR T (and doughnaughts?) = FUTURE
120 IF YOU CAN WRITE CODE IN ANY LANGUAGE THEN GOTO THE CSC
130 REM IT YOUR ENTRY FEE AND ENTER THE CSC'S
140 REM ARKABLE 7th ANNUAL OTHELLO PROGRAMMING CONTEST.
150 REM UNERATION = PIZZA FOR ALL AND TROPHIES FOR THE WINNERS.
160 NEXT T
170 REM ODELLING OF THE CSC:
175 FOR T = ANYTIME YOU DROP IN
180 PRINT "The office has been rearranged to allow access to"
190 PRINT "everything, except one of the doorways."
200 PRINT "The CSC has a new couch that is so striking in its"
210 PRINT "appearance that, only moments after it arrived,"
211 PRINT "a bomb threat was received."
212 PRINT "The library has been organized,"
215 PRINT "thanks to our new librarian, Rob Leitman."
220 PRINT "Surplus books and back issues of BYTE magazine"
230 PRINT "are for sale. Drop by and make us an offer."

240 IF OFFER > 0 THEN LET SALE = TRUE
250 NEXT T
260 REM INISCENT OF YOUR FIRST COMPUTER?
270 REM ITTED BY CALUM T. DALEK, CSC CHAIRMAN
275 POKE 54296,0
280 END

```

READY.
RUN

Segmentation fault (core dumped).
READY.

■



Yet Another Logic Puzzle, eh? Yalp!

Well, I must congratulate you all on such a fine accomplishment, keeping our friends Bruce's lives straight. Specifically, kudos to the six who submitted answers: The Demented Slinky of Frobozz, Death by Calculus II, Rhiannon-Sue Jones, one of (Omar, the slave girl), Sigh 86071748, and last issue's winner, Joe Engineer (who as of Monday still has a prize waiting in the Math Society Office). Nobody got a wrong answer, but some failed to submit right ones, including Jones, who claims Bruce could have watched the test pattern rather than Red Dwarf. If you knew Bruce, you'd know how unlikely that is, Rhiannon-Sue.

Anyway, the winner, chosen by random selection, was The Demented Slinky of Frobozz, who is welcome to come into the office and claim his mondo boffo wizard prize any time he chooses.

Now for the next ultra-nifty puzzle (my first ever, incidentally). One day, five visitors from various countries found themselves stuck in an elevator together, descending the CN Tower. Making no attempt to overcome the language barrier, they soon became friends and agreed to meet that evening for dinner at a particularly cosmopolitan restaurant downtown. They then waited two hours in silence while the Tower staff arranged for a daring yet humdrum rescue.

Later that evening, they reconvened at the restaurant and, since they all had coupons, ordered two dishes each. Given these interesting data overheard by a patron at the next table who, being multilingual, was eavesdropping, can you find everyone's occupation, nationality, and order? (Hint: the answer's yes. Just do it.)

Clews, Holmes

Names: Groucho, Harpo, Zeppo, Carl, John Paul II
Occupations: Police Officer, Pen-pal, Peasant, Pickpocket, Pope
Home Countries: Nepal, Ecuador, Abu Dhabi, Botswana, Vatican City
Dishes: Enchiladas, Pancakes, Fish & Chips, Shishkebab, Sushi, Hummus, Chicken Chow Mein, Hungarian Goulash, Gyros, Escargots

1. Carl felt like eating Canadian food, but the waiter apologized there was no pemmican left. He had the next best thing, and hummus to wipe up the extra maple syrup.
2. Harpo is, of course, mute.
3. Zeppo knew that a spicy enchilada would make his job much more difficult, so ordered the relatively mild fish and chips and chicken chow mein.
4. Harpo, having no such compunction, took not only the enchilada, but also the shishebob.
5. The Pope ate Hungarian Goulash, of course, but also tried a "Gyro" for the novelty. The waiter didn't dare correct his pronunciation!
6. The man from Nepal despised sushi, but due to his humble upbringing sat in silence, looking at his large, tough-skinned hands when the Botswanan police officer next to him ordered it.
7. The pen pal reflected silently, the only way he could, on how everybody liked it when he sent them letters because it made the very first page of their stamp albums look very full and impressive.
8. Although a lot of fish was eaten, there were no red herrings.

Answers in that list form you're all so good at, please.

What was my pseudonym, anyway?

Proof of the Week

Talk is Cheap

To go home to Sudbury for the weekend by bus costs:

- \$1.15 Kitchener Chance-It
- \$10.80 Kitchener to Toronto (probably standing)
- \$34.15 Toronto to Sudbury (commuter rate)

$$\underline{\hspace{1cm}} \quad \underline{\hspace{1cm}} \quad \times 2 = \$92.20$$

At weekend phone rates of 16 cents/minute + tax,

$$\$0.16 \times 1.09 \times 1.08 = \$0.188352$$

I could call Sudbury for:

$$\frac{\$92.20}{\$0.188352 \cdot 60} = 8\text{h}10\text{ min}$$

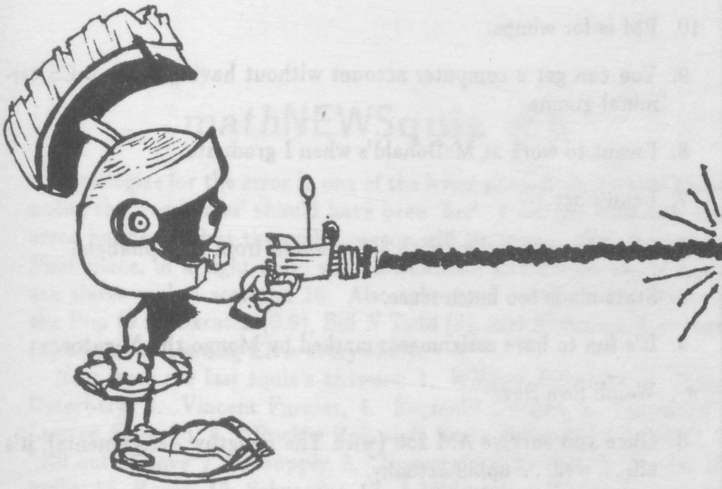
If I take the bus, I am home from 11 pm Friday until 1pm Sunday:

home		18	h		
less	sleep				
	eat	5			
	TV	7		30	
				8	h effective

Therefore I can be on the phone for 10 minutes longer than I can talk at home for the same amount of money.

Q.E.D.

one of (Omar, the slave girl)
both of whom are from Sudbury



UFO Aliens Phone in Bomb Scare

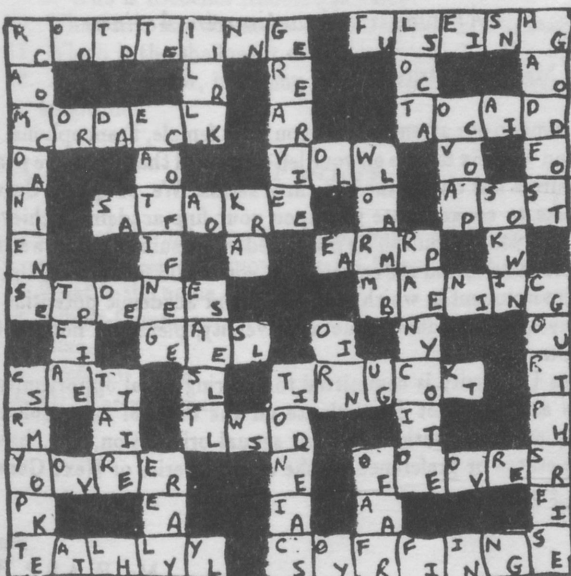
On Thursday at approximately 3:30pm there was a phone call received at the regional police station warning security of 18 bombs planted on UW Campus. Immediate action was taken to evacuate all buildings.

Although popular belief is that the threat was just an attempt by a student to delay an impending exam, it is police policy to take the threats seriously. Current leads suggest that the threat was, in fact, phoned in using cellular phone technology by UFO aliens. Representatives from Bell refused comment, and denied knowledge of the lead.

When asked, spokesbeing Frbzw Nkla from the local Aliens Club denied the allegations, stating that, "Official policy discourages members from attempting (even partial) world takeovers, which includes temporary chaos and extra computer time." When the club was informed of the "prank" they vapourised the bombs.

Several students, when interviewed about the day's action said that they moved instinctly towards the Bomb Shelter because, they said, if they were bombed, they wouldn't care about last rounds.

Bridge Dale



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Double Headers

Midterms got you down? For first year students and anyone else feeling desperate — relax, about 12 000 people just like you have graduated from here with a BMath. Some are still sane (sorry, figures not available).

For your amusement, enlightenment, inspiration or incredulity, here is a collection of some of the oddest degrees ever awarded to UW math students:

- ActSc & AMath, AMath & ActSc — I hoped I would be the first to get this.
- ActSc/Teaching Option — Teach high school students to do mortality studies or treat fellow actuaries like children.
- C&O & Anth — Our resident Anth major should consider this.

The "in for a rough time" ones (3 of a kind):

- AMath & PMath/C&O
- AMath & Stat & Fr (I see the overlap?)
- AMath/Phys & PMath
- CSci & AMath/Phys
- CSci & C&O & PMath
- Stat & CSci & C&O

Then came PMath & Dance Minor — When I told my friend I wanted to try for this one, she said somehow she thought the dance minor would be the harder of the two for me. That probably goes for the PMath & Engl Minor, Math & Drama Minor, C&O & Engl, C&O & Fr, C&O & Russ Minor, AMath & Fr and AMath & Geog, too.

People have found 46 ways to graduate with CSci & Joint/Minor Something and an additional 18 for Math Something & Joint/Minor CSci, such as:

- CSci/PACS Minor — Keep computers from fighting.
- CSci/Earth Minor — Keep computers from blowing up the world.

(The degrees were listed in *University of Waterloo Student Statistical Information 1989-90*, which I found in a WATBOX in the Career Resource Centre, Needless Hell.)

The Slave Girl

Hi Mom!

Hi Mom, How is everyone? Oh I'm fine, I just wanted to call. Well, I don't need money, but if you want to send some, sure! Oh yeah, everything's going great. I'm not lying! No I didn't have any fights with my roommates. I got a letter from Grandma & Grandpa! No I didn't get kicked out of school. Grandpa says they are going to go south again this winter. Yeah I wrote midterms, how's the dog? Of course I think I passed! Don't be silly. Well I gotta get back to my studies. Bye!

(AAARH!!!! How do I tell her I failed Calculus???????)

Mad Mel

Top Ten Reasons to be in AM

10. PM is for wimps.
9. You can get a computer account without having to be a CS terminal gnome.
8. I want to work at McDonald's when I graduate.
7. I can't act.
6. I love huge equations with 453 symbols from 19 alphabets.
5. Stats made too much sense.
4. It's fun to have assignments marked by Mongo the Negator.
- π . We all love Bev.
3. Once you survive AM 250 (with The Lengthy Assignments), it's all... well... uphill actually.
- e. I flunked out of dance.
2. It's only slightly more difficult than pedalling to the moon.
1. I thought I was signing up for morning classes.
- γ . I can't count.

Grebnezah &
Θεκαρνη νορε

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Editor: Trevor "alt.editor.mathNEWS" Green

Please Study Here

Affirmative Inaction in Action

Dear Ms. Myna Oritee,

It has come to our attention that you are a female, Francophone, Native Canadian with six fingers on your left hand and that you have passed all your courses but one in the last three terms. We, of Quota University, would like to congratulate you upon your fine academic achievement. We certainly hope you will be interested in pursuing graduate studies in your chosen field, and are certain that you would find Quota University a rich environment in which to develop your academic potential. If you have any questions about Quota University, please do not hesitate to contact me.

Quota University is committed to assuring equal opportunity to all persons and does not discriminate on the basis of race, colour, sex, religion, ancestry, national origin, sexual orientation, age, handicap, veteran status or preference for the original series or Next Generation of Star Trek.

Sincerely,
Mr. W.A.S.P. Balding

mathNEWSquiz #5

I apologize for the error in one of the lyrics posted. As several people noted the word 'eyes' should have been 'lies'. I am not sure how that error happened, but the guilty person will be found. Now for results: First place, in a tight race, was: EastAMatt and his hordes of horny sex slaves with a score on 10. Also submitted were: Auntie Annie & the Pup (9.5), Skratch (9.5), Bill N Tedd (8), and Rhiannon-Sue Jones (4) who is still seeing Elvis everywhere.

Now, here are last quiz's answers: 1. William Schwartz, 2. James Osterberg, 3. Vincent Furnier, 4. Reginald Dwight, 5. "Freebird"/Lynyrd Skynyrd, 6. "Rock'n Roll ain't Noise Pollution"/ AC/DC, 7. "All out of Love"/ Air Supply, 8. "Honesty"/ Billy Joel, 9. Freida, 10. Spike, 11. Rerun, 12. Schroeder, 13. A Midsummer Night's Dream, 14. Richard II, 15. A Merchant of Venice, 16. The Taming of the Shrew.

Now here is this weeks quiz:

Names

All of these people changed their names, what were their names before they changed?

1. George Michael
2. Ringo Starr
3. Gene Simmons
4. Billy Idol

Lyrics

As before, I want group/artist and song.

5. Life goes on without me
6. Once upon a time I was falling in love,/ Now I'm only falling apart.
7. She's got it, yeah baby, she's got it
8. Busboy, bartender, lady of the night/ greasemonkey, ex-junkie, winner of the fight

Misc

9. Who is Ricochet Rabbit's sidekick?
10. What date was the atom-bomb dropped on Nagasaki?
11. Which is the shallowest of the great lakes?
12. At the equator, how long (nearest km) is one degree of longitude?

SF actors

Each of the following is a mainstream role played by an actor that is well known for his Science Fiction role(s). What is the name of each actor?

13. Albert Campion
14. Claudius
15. Professor Plum
16. Dr. Harry Turner

dag
Four Bee Prime

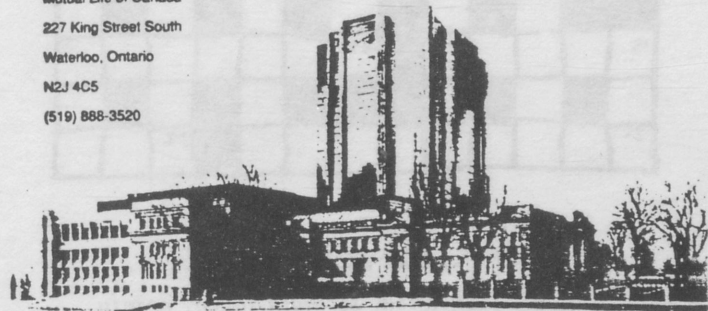
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- Sales Opportunities

Western Homecoming

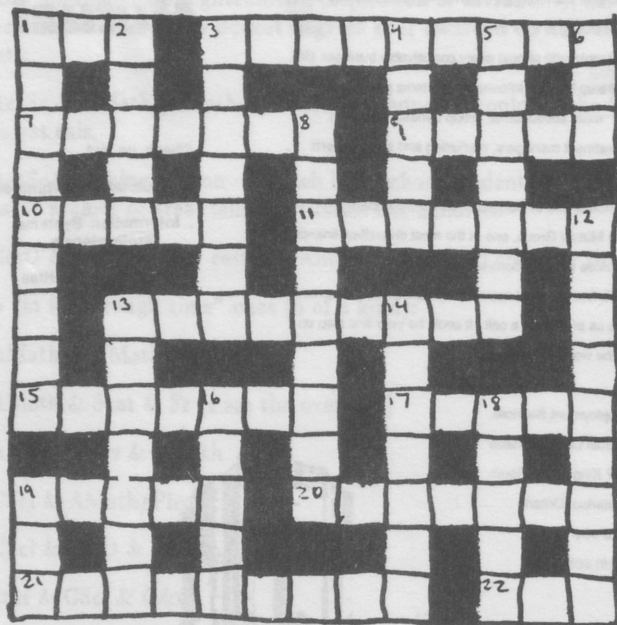
In the same way (and spirit) that everyone comes to K-W for Oktoberfest, students trek to London for UWO's Homecoming. Students from as far as McGill, Ottawa, and even UBC made the trip to enjoy the 'festive spirit' that permeates Western, and all of London. Their spirit is incredibly strong. Everyone, whether at the football game or not, wears *purple*. Also everyone screams, yells and chants Western slogans til they are purple in the face.

Okay, the real reason my three friends and I went to Western was to party. After an 'enjoyable' two hour bus ride, we separated to meet people we knew there. Among us we visited such renowned establishments as Notes, the Spoke, Dr. Rochets, and the Bavaric as well as the residences: Alumni House, Delaware House and of course the Zoo, Saugeen Maitland. The parties were wild, the people friendly, and the overall verdict: "An excellent adventure."

After such an enjoyable weekend, I'm even more anxious to see Waterloo's homecoming beginning Nov. 9. I'm sure it'll be hard to match Western's extravaganza, but Waterloo knows how to PARTY!

Bo

GRIDWORD



Conventional

old-fashioned, straight-laced, comfy

Across

1. Bounce
3. Ridiculous
7. Slows
9. Compared
10. Wash
11. Substitute
13. Eastern Ontario Indian people
15. Seasoning
17. Hold
19. Greek letter
20. Noble
21. Upstart
22. Mistake

Down

1. Summer weather threat
2. Rice or news
3. Red and black insect
4. Jackrabbits
5. Amidst
6. Complete
8. Bathe
12. Vanish
13. Unadorned
14. Fuzzy
16. Know
18. Proverb
19. Child's toy

Grid your teeth

Okay gridfans, let's see how healthy the gridmaster is this week. . . Despite frumious proofreading, 32 down on the cryptic was misread by me as "oar"... shoulda been "oaf"... thus 34 across was coffins but with oar carcass fits. Sigh. The cough syrup the doc gave me had a lot of alcohol but I've gone over these clues with a fine-toothed tiger to rid them of any gnomes.

Also, this grid has no theme, so if you can find one then extra negative bonus points. No questions about Arlo Guthrie either, who wrote "Coming into Los Angeles", which is about, you guessed it, everyone's favourite drug, mary jee wanna. Oh, everyone except the gridmaster, whose favourite drug is peppermint schnapps and caffeine and what-sit found in chocolate. Oh yeah, the significance of the Ramones for the cryptic is that they did the theme for Pet Sematary. Themes were "Drugs" for the Conventional and "Death" for the Cryptic. Interpret that as you will.

So, submit your solutions by Nov. 11 under the mathNEWS door or in the BLACK BOX across from the comfy lounge. Include your pseudonym, comments, and favourite reason for living. See ya in the funny papers, dudes.

the snark

Cryptic

convoluted, confusing, and generally weird

Across

1. Intake a treat (3)
3. Lemur: expert monkey (9)
7. Chamber of misbegotten low-born (7)
9. Top in soup, perhaps? (5)
10. Like, astronomical, really gigantic, enormous (5)
11. Oh, see? Eeeeeeeeee! Many cats! (7) 13. Romantic weed made of fog, French article, and appendage (9)
15. Haranguing, annoying, really pestering, intensely, neurotically, griping (7)
17. Forcibly remove - nothing - in oxidized bit (5)
19. Shorten and trim softly (5)
20. Cross Attila, honey? Not with a lot of noise! (7)
21. Painfully add skin, pet (9)
22. Rouge: elegant decor (3)

Down

1. The tandem bell is here, and contains means to decorate (9)
2. Recklessly cross sour Englishman (5)
3. Quiet couple of birds (7)
4. Desensitize or hurt without a hook (5)
5. Plead for devil tale (7)
6. Neither in man or woman (3)
8. Crazy bird surrounded by, perhaps, romantic aura (9)
12. Frightened about double-cross and constant dispersal (9)
13. Mix ordinary tonic complement at dawn (7)
14. Lisp hard for the duration (7)
16. Imperiously, monstrously persuade everyone likewise (5)
18. Beneath bankruptcy (5)
19. Eternal fight at resort (3)