

# math NEWS

Volume 52 Number 2

January 26, 1990

A mathNEWS  
production night.



## LookAhead

<b>mathNEWS</b>	
Feb 5	Issue #3 production night
Feb 9	Issue #3 hits the stands
Feb 26	Issue #4 production night
Mar 2	Issue #4 hits the stands
<b>Cinema Gratis</b>	
Jan 30	The Running Man
Feb 6	Everything You Ever Wanted to Know About Sex
Feb 13	The Holy Grail The Meaning of Life
<b>Fed Flicks</b>	
Jan 26-28	Batman
Feb 2-4	Ghost Busters II
Feb 9-11	Dangerous Liasons
<b>Co-op Dates</b>	
Feb 7	Interviews start
Mar 1	Ranking forms available
Mar 2	Ranking forms due
<b>Faculty Dates</b>	
Jan 30	Drop deadline

## C&D Changes

You may have noticed a few new things around and about the C&D this term. The biggest change is in the area of suppliers. Subway (yes, *the* Subway) is now supplying us with foot-long and half-sub at great prices and Kitchener Caterers is supplying us with a wide variety of sandwiches (see the list below). We also have two kinds of soup every day—check the new whiteboard outside the C&D for *les soups du jour*. Finally, our water purifier should now be working to the point where our coffee is much better than the traditional machine muck. I think you'll find that the quality of the the food has increased about a zillion per cent. Head on down to the C&D today and try something new—I guarantee you'll like it better than ever before.

### New Items:

**Subs and  $\frac{1}{2}$ -subs:** Ham, Vegetable, Assorted, Roast Beef, Pizza, Turkey.

**Sandwiches:** Club, Dagwood, BLT, Monte Cristo, Western, Ham & Cheese, Egg Salad, Tuna. These are available on rye, maritime, multi-grain, brown, french, and white bread.

**Kaisers:** Roast Beef, Ham & Cheese, and Philadelphia.

**Baguettes:** Roast Reef, Thuringer, Ham & Turkey, Pastrami, Pizza, and Chicken.

**Deli-buns:** Chicken and Turkey salad.

**Pita Pockets:** Roast Beef & Tomato, Ham & Cheese, Chili, Tuna, and Vegetable.

**Bagels:** Egg salad, Ham, Vegetable, Ham & Egg, and Turkey.

**Soups:** Check the whiteboard daily for varieties.

## Soc Toc

Welcome finally to the new term. Things in MathSoc are finally fully underway: most of our Class Rep and appointed executive positions are filled and the elected executive (that's us) have already started our work for the term.

The theme for this Winter at MathSoc is "Adding Value". In the past, most of the efforts of the MathSoc volunteers have gone into simply maintaining the status quo—just doing what was done last year. Recently, our attitude has shifted from this to one of making things better for the Society as a whole. This term, that attitude is reflected in every MathSoc member's commitment to improving their own jobs—from Class Rep all the way up to President. For many, this commitment has already begun in the form of a totally re-vamped constitution, a major overhaul of our recycling program, increased class speaking schedules, and our tremendous novelties expansion. We're looking for contributions of lasting value from all areas of the Society.

For us, the executive, the commitment to adding value is taking on four different aspects. These are, in order of importance:

**Reduce the "clique" nature of MathSoc** Currently, most students see MathSoc volunteers as the same bunch of people doing the same things term after term. The unfortunate part about this view is that it is self-perpetuating—people see MathSoc as a clique, don't get involved, and the same people end up volunteering all over again. While we don't have a concrete plan on how we can affect the desired attitude change, it is our top priority and we're open to suggestions from anyone.

**Continue to promote communication** This is an area which has improved greatly over the past few years, but there's still room for improvement. MathSoc needs representation on each and every campus organization and committee that we have a seat. Relations with the Faculty, while at an all-time high, can be raised even further. Of course, communication with the rest of the Society tops this list. With more class speaking and new and greater publicity efforts, we hope to ensure that no one misses out on any of MathSoc's services or events.

**Increase volunteering** Hopefully, the implementation of a more tangible and evident reward system coupled with the elimination of MathSoc's clique nature will increase the number of volunteers who help out each term. The more people that help out, the less work there is for each to do, and the higher the quality of services we can provide. Again, any suggestions would be greatly appreciated.

**Upgrade MathSoc's services** The culmination of all of these improvements should be a better Society. What this means for you is an increase in the quantity and quality of services offered—which should be the aim on any on-campus society.

Well, that's what we're trying to accomplish this term. Pretty heady stuff, eh? Hopefully, the presentation of a more professional attitude will enhance our image campus-wide and especially within the Faculty of Math. What we need from you, the Society at large, is your time and your suggestions. We know that you can afford both of these things and we can use them like you wouldn't believe. That's it for now, see you next time and thanks for your support.

Tom Vandelloo, President  
Dave Hubert, Vice-President  
Martha Halsall, Treasurer

## Wasn't That a Party!!

*Class of '90 Rocks*

The first social event of the decade occurred last night at the Heather Hotel. Since we have the utmost faith in our Social Directors Eileen, Steve, and Ed, we know the evening was a smashing success. The grad pub was the first opportunity for the two streams to mix and mingle. However, the extent of the interactions depends on who woke up in whose bed. Keep on the lookout for the notices of the following social function.

The grads will be visiting the "Belle Province" next week. There are still places available on the party bus to Quebec City. For everyone who is attending this excursion please remember these points:

- dress warmly or else you will freeze to death
- bus departure: Thurs. Feb. 1<sup>st</sup>, MC loading area, Midnight
- skiing trip available, mention interest to Pat
- four people to a room, mention preferences to Pat
- bus return: Sun. Feb. 4<sup>th</sup>, 9:00 PM

If you have any further questions contact Eileen Fenerty or Pat Szwyrl.

Our hard working memorabilia Directors Scott and Julie have informed us that all this week Grad Rings, Class Photos, and Rugby Shirts have been on sale. They are still receptive to suggestions for grad mementos. Don't be timid with your chequing account, make that purchase that will last a lifetime.

Many individuals have been enquiring about grad photos. The photographer from Josten's Claude said he would be on Campus either in the last week in March or first week in April. Unfortunately, these photos (or retakes) are too late to get in your composite and yearbook.

For your information the Math Grad Ball (MGB) is only fifty-one days away. Your involvement in the planning is vital for the success of the MGB. Tickets will be on sale from Feb. 5—16<sup>th</sup>. Any interested grads should contact Carol, Jane or Linda by leaving a note in the MGC office (MC 3042)

A Math Grad Directory is presently in the development stages. This directory would contain your name, major and permanent address, which will allow you to keep in contact with your fellow classmates. However, before this can be completed, grads must authorise the use of their data. The necessary paperwork will be available in the next couple of weeks.

All graduates intending to graduate should attend an information meeting on Tuesday, January 30<sup>th</sup> at 2:30 PM. The location will be posted.

Remember to pass on all of the above information to your illiterate friends. Also, Pizza Day was a total sellout and the next one is coming up this Wednesday. Take care and have a wonderful weekend.

Kelly Start  
Emil Mlinarevich  
MGC Chairs

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Editor: Paul J. Sahota and David Weil

## Election Report

Hi Everyone,

We just tried to have MathSoc winter elections. Due to a severe lack of interest, all positions sought were acclaimed.

Your new representatives are:

Tom Vandello	President
Dave Hubert	Vice-President
Martha Halsall	Treasurer

John Back	2A class representative
Oliver Lee	2A class representative
Kivi Shapiro	2A class representative
Seema Wadhwa	3A class representative

For those of you still interested, the following seats are open on a first-come, first-serve basis with a completed nomination form.

Positions Available:

2B	Co-op	(1)
2N	Regular	(2)
3A	Co-op	(1)
3N	Regular	(1)

There will be elections for these positions.

1N	Regular	(2)
3B	Co-op	(1)

Nominations opened Monday January 22 and will close Monday January 29. So you still have time to run.

GET INVOLVED!

Doug Hopkins  
CRO



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## The Dean Is Coming

For those of you who don't know, Dr. Jim Kalbfleisch stepped down as Dean of Mathematics as of last term. Our interim Dean is Dr. Paul Schellenberg who will be holding the post until June 1990. What this all implies is that we're getting a new dean. The Dean selection committee, of which our own Katy Simonsen is a member, has identified a person who they feel is a strong candidate for the position. That person is Dr. Jack Kalbfleisch of the Statistics and Actuarial Science department.

Dr. Kalbfleisch (Jack, not Jim) has requested a forum during which he could talk to the undergraduate students of this Faculty and discuss their concerns directly before starting his term. To this end, MathSoc has scheduled a special Council meeting on **Monday, January 29<sup>th</sup>, 1990 at 4:30 pm in the Comfy Lounge**. The meeting will begin with a brief introduction after which Dr. Kalbfleisch will deliver a short address. This will be followed by a question and answer period so come prepared. Refreshments will be served before and after the meeting so come on out and meet the new Dean. It will definitely be worth your while.

Tom Vandeloo

## CSC Flash! II

*The search for Calum*

As announced in last week's CSC flash, CSC elections were in fact held on the 17<sup>th</sup> of January, and as predicted, tea and doughnaughts were served. Almost as important is the fact that a new executive was elected, with one acclamation and one appointee. As luck, um, the membership would have it, the new executive is as follows:

President	Stephan Mueller
Vice President	Wade Richards
Treasurer	Jim Thornton
Secretary	Dan Astoorian
System Administrator	Seán Goggin

Calum T. Dalek, however, declared the election results null and void, and proceeded to establish a military dictatorship. The United States immediately declared war on the CSC office, and sent in a dozen Marines (and a couple of extremely helpful Math Building custodians, many thanks to them both) who promptly destroyed the CSC office in their zealous search for Calum. Calum fled to the sixth floor, moments before the arrival of the Marines, and has since applied for asylum in the acting Dean's office. Upon the departure of the Marines, the CSC executive in exile (see above) returned to the office, saw the mess, and agreed that it was, in fact, a tremendous improvement on the previous shambles, and so decided to leave it. When you get a moment, come by and ogle the oodles of newly-found space in the glorious CSC office. But please, do not use said office as a hallway, anyone found doing so will be shot by a squad of US Marines.

Ten years ago today in the CSC Flash!

- A new executive was announced. There was no mention of Marines. Tea and doughnaughts had been served.
- There was much general oohing and ahing over MFCF's new extensions to the Bun, including virtual memory and a mystical "capability mechanism".
- A talk on the 6809 microprocessor was announced, at which it was planned to serve tea and doughnaughts.

Three days ago by the time you read this:

- Mike Donat from Microsoft will have come and gone, having given a talk on message passing and the software development process at Microsoft somewhere between his coming and going.
- Tea and doughnaughts will have been served.

Calum "Noriega" Dalek, Chairbeing-in-exile

## Novelties Report

Hi... this is your Novelties Director, Jackie, back for another term to help you find more ways of spending your money! For those of you who weren't on campus last term, we have some **FABULOUS** items available in MathSoc for your buying pleasure:

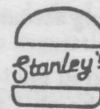
long-sleeved Ts	\$12.00
turtlenecks	18.00
cheat shirts	9.00
socks (men's and women's)	3.50
Picasso books	4.00

and **NEW** this term—UW Math mechanical pencils available in black, blue, and white—**ONLY \$1.75**. A bargain! Coming soon... "MathSoc Recycles" mugs (same as WPIRG mugs).

**Reminder:** Monday, January 29—Wed., January 31 are designated days to place your orders for *sweatshirts*. They will have the same design as the long-sleeved Ts. See the display case on the 3<sup>rd</sup> floor for the available colours. As well, baseball caps (maybe!) can be ordered at the low price of \$6.

Jackie O.  
Novelties Director  
Extraordinaire!

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Fries

Pop

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Expires Feb. 8<sup>th</sup>, 1990

## Masthead

Isn't this wonderful. It's 0:07 am and I just realised that we did not yet have a masthead. I guess this will have to go off with the Tuesday morning batch. That means Tuesday morning paste-up. (This is generally considered not good.)

Returning to the point, the people who came out and helped us tonight were: Takashi Toyooka, Kivi Shapiro, Carolyn Duke, David Nuttall, Jim Sankey, Michèle Renaud, Becky Riedl, Penny Watt, David Gibbs, Salim Parak, Mirosław Kuc, Tom Sturrock, Trevor Green and Mike Lunney. We thank all of them for their efforts. Thanks also to anyone we missed (I think a few people blipped through, but didn't sign the list).

Thanks to Marion and Graphic Services.

Dave  
for Dave and Paul

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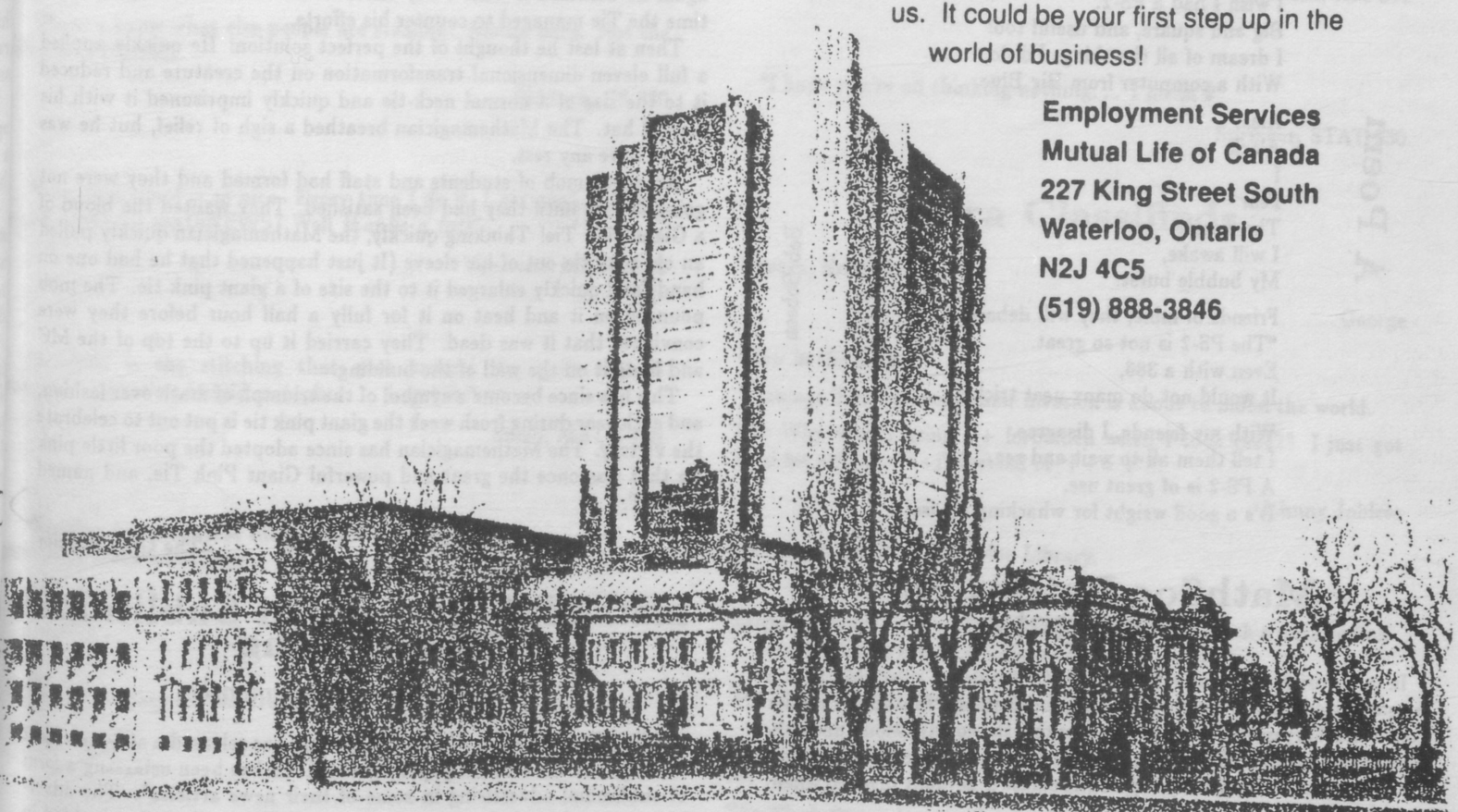
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## Top Ten Uses (jobs) for a Dead Co-op

10. Attack dog trainer
9. IBM systems programmer
8. PSC - any position
7. Ringers to liven up accountants' parties
6. Arts (Anthropology) grad student
5. Crash-test dummy
4. Village kitchen help(er)
3. Friends for artsies (Your very own friend in <insert real program> who will never make fun of you)
2. Resuscie-Annie dolls
1. Postal Employees

Dave the Xenopsychologist

### A Poem

I wish I had a PS-2.  
Big and square, and useful too!  
I dream of all the things I'd do,  
With a computer from Big Blue.

Alas,  
Alack.  
I  
Fear  
The worst!  
I will awake,  
My bubble burst.

Friends of mine, they will debate,  
"The PS-2 is not so great.  
Even with a 386,  
It would not do many neat tricks."

With my friends, I disagree.  
I tell them all to wait and see.  
A PS-2 is of great use.  
It's a good weight for whacking moose.

Bob Bobson

## MathSoc Battles For Sovereignty

In a surprise move, the Federation Of Students ruled MathSoc's formal declaration of sovereignty unconstitutional. MathSoc Premier Tom Vandeloo responded swiftly by invoking the constitution's notwithstanding clause that enables the society to ignore anything that the Feds say. Most people do this anyway, so the clause is actually invoked whenever the Feds say anything.

Premier Vandeloo also came under strong criticism from EngSoc for alleged abuses of CS EEE students. Vandeloo rejected these allegations as ridiculous. The supposed abuses being 2 new required courses for the CS EEE students. The two courses being C&O 240 (enriched version of C&O 230) and MATH 250 (ultra enriched combination of MATH 240A and 240B). In defense of these somewhat difficult courses, Premier Vandeloo simply stated "It's good for them." "Besides", he added, "who really cares what happens to students in other faculties?"

elmer

## The Legend of the Pink Tie

In the beginning, there was no pink math tie. Mathies everywhere were bereft of a symbol. This is the real story of how MathSoc came to adopt the pink tie.

Long ago before the time of the Davis Centre, there was a mysterious man who came and went like the wind. He called himself the Mathemagician and some thought him a pure math professor. He bore a great pencil that he used as a staff and with this pencil he could integrate faster than MAPLE running on a CRAY. He could manipulate matrices faster than MATLAB. Most importantly, however, he could long divide!

One day the Mathemagician was experimenting with probability theory when he forgot to carry a two and instantly generated an improbability vortex. The vortex began to spit out totally ridiculous things: <Insert List of Ridiculous Things here> but most amazing of all was a Giant Pink Tie four stories high! The worst thing of all was that it was alive! The Mathemagician was amazed at what he had done and turned to his calculations to see how he had accomplished it.

Meanwhile, Giant Pink Tie ravaged the Campus! People screamed for help but the Mathemagician failed to notice, until at last the Giant Pink Tie attacked the math C&D. The Mathemagician heard the coffee makers being overturned and was enraged. He got up and gripping his Pencil-Staff tightly in both hands he turned to face the menace.

The Pencil-Staff was a blur. The Mathemagician quickly sketched symbols in the air. He tried applying the integral of the creature's own weight against it, but to no avail. The tie was already flat. Again and again he attacked it with every theorem he could think of, but each time the Tie managed to counter his efforts.

Then at last he thought of the perfect solution! He quickly applied a full eleven dimensional transformation on the creature and reduced it to the size of a normal neck-tie and quickly imprisoned it with his conical hat. The Mathemagician breathed a sigh of relief, but he was not to have any rest.

An angry mob of students and staff had formed and they were not going to rest until they had been satisfied. They wanted the blood of a Giant Pink Tie! Thinking quickly, the Mathemagician quickly pulled an old pink tie out of his sleeve (It just happened that he had one on hand) and quickly enlarged it to the size of a giant pink tie. The mob pounced on it and beat on it for fully a half hour before they were convinced that it was dead. They carried it up to the top of the MC and hung it on the wall of the building.

This has since become a symbol of the triumph of math over fashion, and each year during frosh week the giant pink tie is put out to celebrate the victory. The Mathemagician has since adopted the poor little pink tie that was once the great and powerful Giant Pink Tie, and named him PT.

The Grey Pilgrim

## mathNEWS Accused of Subliminal Advertising

*Editors deny it vehemently*

UW's Board for Very Moral Publishing has released a statement stating that the student paper mathNEWS has been using a form of subliminal advertising in some of their news articles<sup>1</sup>. The advertising, they claim, takes the form of tiny words embedded in normal text, together with spurious footnotes<sup>2</sup>. Both of mathNEWS' editors deny ever having used such advertising, claiming that this is "contrary to the ideals of our paper<sup>3</sup>, and besides MathSoc wouldn't like it." The author of this article was unavailable for comment.

Unavailable For Comment

<sup>1</sup> See FASS this February.

<sup>2</sup> Like this one.

<sup>3</sup> Don't forget now.

## Prof Quotes

Here follow the first Prof Quotes of the term, and also the new decade. Rejoice! Enjoy.

The best Prof Quotes from the past five years in the bestselling book: *Just Think of Me as the Mathematical Picasso* available in the MathSoc office.

Submit those Prof Quotes into the *mathNEWS* BLACK BOX on the third floor of the MC.

"Where's the gentleman with the free body?"

Marshman, AM 250

"There are all sorts of mean and nasty things I could do, and I'm not above any one of them..."

MacKay, STAT 230

"I think it's too late to do anything sensible today, so I'll do something stupid."

Reed, C&O 230

"Do you know what else people are stealing? Mouse balls. Not the mice, just the balls."

Pidduck, CS 330

"Gee, that proof is so nice. Every time I do it, I get weak." "That was a quote for *mathNEWS*? Well *thanks a lot!*"

Vanstone, MATH 135

"Analysis is the stitching that goes around the quilt that is calculus... that's a stupid metaphor... forget it."

Small, MATH 138

"Reading news is worse than cigarette smoking as a vice... and approaching crack addiction."

Cowan, CS 452

"You Canadians tell the truth... don't do that!"

Szarycz, RUSS 102

"Stupidity is not a function of sex."

Davis, MATH 234A

"I'm getting it! I'm getting it! Ha, ha. I've proved the wrong thing!"

Davis, MATH 234A

"I'm making up this theorem as I go along..."

Gilbert, MATH 148

"Now she's garbage, because someone else might be using her pointers!" (after using students to demonstrate stacks and queues)

Goldman, CS 132

"If you wish the table can be seen as an antigravity device."

Tenti, AM 361

"How many of you used the ratio test? How many of you don't give a shit?"

Struthers, MATH 137

"If he's going to be idiot enough to ask a question like that, then he might be idiot enough to give full marks for doing nothing."

Goodman, AM 251

"I hope you're all thinking nothing... I mean  $\emptyset$ "

Springer, STAT 230

## Ultra Classifieds

George, Here I am

George

Glow in the Dark

Warning: The Japanese lunar invasion is about to moon the world.

PB: Why wasn't using ++ forbidden when I took cs242? I just got fired for writing "++i" instead of "i += 1"!!!

Johnny Jobless

Handicrafts night at Waterloo Library.

**Topic:** *Down Pillows* Every detail from how to catch a duck to fluffing the final product is discussed.

**Topic 2:** How to sew a polyester coat for a denuded duck.

Protest against the unnatural exposure of ducks. V2 Tunnel, January 1st

The Black Spoon team will assemble in 5 days. You know where. Be ready.

Q

Engineering is an approximation of Physics  
Physics is an approximation of Reality  
Reality is an approximation of Math

Zernotsl

## How To Get A Girl

There are a lot more boys here than there are girls. While this is a potential problem, one really needn't worry too much about this, as it will not seriously affect the average geek's love life. Of course, if you are interested in anything more than the average geek's love life, such as meeting females, this may be a problem. Here are my favourite tips and tricks, which I expect to work (eventually) for me.

Girls like gentlemen. If you see a girl walking toward a door, be sure to open it for her, even if she might not want to go through it. Girls really love that kind of attention. If you are behind her, push her to one side, and open that door. If she complains, tell her you're doing it because women are weak and need men around to help them with heavy things, like doors. Now would also be a great time to offer to help her with her assignments.

Girls like to be complimented. If you notice that she looks particularly nice, tell her so. If you don't notice, lie. Something like a shrill whistle, or "Hey babe, nice bod!" will do the job nicely. Girls also like constructive criticism. If you notice that she is looking somewhat less than usual, tell her that too. You can try something like: "Hey, so why so ugly?" or "You're looking somewhat less than usual today." Trust me, it'll work wonders.

Girls like directness. Too many geeks will hedge around, never saying what they really want, and thus drive away potential girlfriends. Some people will say things like "Do you want to come over to my room and see my collection of floppy disks<sup>1</sup>?" when they really mean "I've got to have a girl in my room at least *once* before I graduate. Otherwise they'll call me *names*!" Trust me, most girls will appreciate the latter approach, and respond accordingly. Directness can be helpful when complimenting a girl too. For instance, "Nice ass" or "Wow, I like that (purple<sup>2</sup>) dress, it's high on the bottom, low on the top, and real tight everywhere else," are two comments that all girls love to hear.

Girls like pet names. No female likes to think she's old, so all girls hate being called women. Also, "Ms." is right out. If you're tired of calling your favourite girl "girl," try some of: chick, babe, fox, yo bitch (if you're feeling brave), and fluffhead. The latter name is particularly complimenting, because women feel that intelligence is not attractive, and all real women are most concerned by how attractive they appear to men.

If any of these approaches fail to work, you can be assured that you are dealing with a very strange girl, and one that you probably aren't interested in anyway. Some things to avoid in girls:

- **Brains.** Most of the above methods will not work on girls with an IQ of 25 or higher. Normally this would cause trouble hunting in a university environment, but the administration is speaking about lowering female admission standards in order to equalize the male/female ratio here, so this won't be a problem for long.
- **Strength.** Some of the techniques described above can elicit such a passionate reaction in the girl as to cause pain to the geek. This is a good sign, though, and you should not give up just because of a little pain. A lot of pain may be a sign of trouble, though.
- **Heavy, blunt objects.** See Strength, above.
- **Beauty.** While some people believe you should actively look for beautiful girls, the author has found that this is a waste of time. These girls are popular, and for some reason they seem to prefer the big, dumb jock type of person, or at least the not-a-geek type of person to date.
- **Personality** See Beauty, above.

As long as you faithfully follow all of the guidelines given above, I can assure you that you will see a marked improvement in your geek

<sup>1</sup> This probably won't interest most girls.

<sup>2</sup> hi, Angela!

sex life, possibly two or three times. If anyone does manage to get a girl with these methods, though, the author would really appreciate knowing. Neither the author nor *mathNEWS* bear any responsibility for damage incurred in the heat of passion (or otherwise) as a result of applying these methods.

Back from the Dead

## VapidFire

*Wild Profs go on Rampage*

- A mob of Business profs from Wilfrid Laurier University took to the streets today to protest something, but we couldn't find out what. Most of the profs were quite incoherent, and our reporter couldn't find out much from them at all. One prof, who asked not to be identified, said, "Profit margin... supply side... trade unions... free market... Aaaaaaugh!" Others who were asked the same question gave varying replies but all of the same general tone.
- The price of stock in Maple Leaf Gardens plummeted today as Harold Ballard was released from the Maple Leaf Hospital in West Palm Beach, Florida. Ballard is due to fall ill again next Monday and die some time in 2038.
- Quebec Premier Robert Bourassa today sold his province to the United States of America for \$3.98 plus tax. Parliament moved immediately and passed an injunction to stop the sale, but Bourassa invoked the notwithstanding clause and the sale is expected to go through by Monday. "It is all in de spirit off de Free Trade... how you say... Agreemen'," said the Premier, and he got the support of most of the province. All that stands before the sale now is the ratification of the Meech Lake Accord by the other 50 states.

Mr. Death

## Scientists Link ++ Operator To Cancer

*"Just Say +=1," Surgeon General Warns*

The results of a study conducted at McMaster Medical Centre in Hamilton were published this week showing a direct correlation between the use of the ++ operator in the C programming language and incidences of cancerous tumours. Of the two hundred C programmers participating in the study, it was found that over a four-year period, 4.6% of programmers preferring the ++ convention developed some form of malignant tumour, while only 1.7% of +=1-oriented programmers developed similar afflictions.

Professor Ritchie Kernighan, M.D., the director of the study into "preincrement/postincrement disorder," explained his interpretation of the results to a press conference Wednesday morning. "The results were contrary to what was expected," Professor Kernighan summarized, "since the plus-equals-one subjects would have been subjected to a greater amount of radiation, what with the greater number of 'hot' pixels produced by the bulkier construct. However, these results were explained by the fact that the plus-plus subjects had attended three 'Society for the Liberation Of Plus Plus' conventions at Three Mile Island. All in all, of course, we found that the results were far more consistent in the lab rats."

In a related story, the entire University of Waterloo CS 242 class was hospitalized yesterday afternoon. However, preliminary tests indicate that the illnesses are not plus-plus related, but are more likely due to the well-documented toxic effects of the usystem.

Johnny Mathless



# mathNEWSquiz # 2

Well, we had fun doing last week's quiz. Didn't you? A number of you did, anyway, judging from the number of solutions we received, which was 10. For those of you who didn't get all the answers right last week (there were 10 of you), the answers for mathNEWSquiz # 1 are:

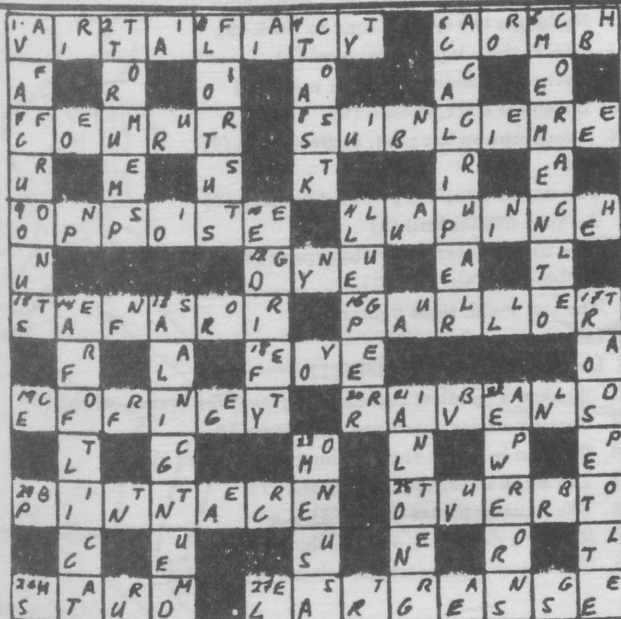
1. John W. Campbell, Jr. (We also accepted it sans Jr.)
2. Robert Silverberg
3. Carl Kapek, R. U. R.
4. Arthur C. Clarke
5. One
6. Robert A. Heinlein (We had to have one easy one...)
7. Queen Elizabeth II
8. Nanak
9. Tao Te Ching
10. Zero. (Twelve were hanged and one was pressed to death)
11. Mithra
12. Mary Baker Eddy (not L. Ron Hubbard!)
13. Henry Spencer
14. ENIAC, ILLIAC, MANIAC
15. Multics
16. 1981
17. Nothing. (Until recently it stood for National Cash Register so we accepted that too.)
18. 2048 (2049 is not acceptable)

And the moment we've all been waiting for, the announcement of the winner of the first quiz, is being postponed a few moments. First off, we have to announce that since nobody objected to the new 3-by-6 question format, we shall continue to use it. The winner of the first quiz is... **Down In Flames** who got 11 out of 18 questions correct. Other submitters, complete with number correct, are Chameleon and Pseudo podium (10), Magician (9), Sharkey (5), Vistlik the Romulan (5), The Easter Bunny & Lips — You Know It! (5), Tomas (5), David Nuttall (4), Auntie Annie and the Pup (3) and The Evil Galactic Warlord Larry, Thanatos, and that New Order Programmer (3).

And now, the other moment we've all been waiting for, the questions for the next quiz:

## Cartoons

1. From which Gospel does Linus quote in "Merry Christmas, Charlie Brown"?
2. Why did the Martian want to destroy the earth?



3. With how long a pole would you not touch the Grinch?
4. Of Barney, Betty, Fred, and Wilma, which have "whites of their eyes"?
5. Who was the chief villain in **Rock and Rule**?
6. Why could nobody understand Donald Duck?

## Geography

7. What is the highest point in Europe?
8. What is the complete name of the St. Lawrence Seaway?
9. What is the lowest point in South America?
10. What is the coldest weather station on Earth?
11. What is the second-largest desert in the world?
12. What is the remotest island in the world? (i.e. farthest away from any other point of land)

## Presidential Succession.

Upon George Bush's death,

13. Who is next in succession?
14. What position does he/she hold?
15. Who is 2nd in line?
16. What position?
17. Who is third in line?
18. What position?

To those of you who are yelling, "Hey! Some bloody Americans have taken over the quiz!" we reply, "There is no cause for alarm. dag forced me to include this section and, to compensate, we'll have a Canadian politics section in a later issue, and dag can't stop me from promising this because he had to leave so I'm writing this."

Down In Flames can pick up its winner's prize in the mathNEWSmailbox in the MathSoc office. As per usual, mathNEWSquiz submissions are due by Monday, February 5, at 18h58. They can be left in the BLACK BOX or under the mathNEWS office door at MC3041. And if you ever want to see your daughter again, leave us \$200 000 with your submission. Thank you.

Mr. Death  
dag

## The Cult of the Ridgid Tool

A sudden influx of reports indicative of a rise in the number of engineering cults on campus has been brought to our attention. As engineers, you are particularly susceptible to the persuasions and psychological techniques of the recruiter. Beware of those who are excessively or inappropriately friendly (especially at P.O.E.T.S.).

Some of the harmful effects of cult involvement include "diminished" intellectual ability, poor judgement, hallucinations, panic, paranoia, neurotic and psychotic tendencies. Since these symptoms are common to all engineers, most engineers are unwitting, unwilling members.

The cult leaders are unknown, but they do appear upon occasion dressed in black, bearing a pseudo-sacred totem. Followers can be heard chanting, "We are, we are, we are, we are, we are the \*#@! engineers..." and wearing silly, yellow hats.

Engineers beware, you may have been recruited into the Engineering Cult (code name: EngSoc). There is hope; people are waiting to help you! Please come to room MC 5150 as soon as possible. Worshipers of the Pink Tie are here to deprogram you.

George (not her real name)

# GRIDWORD

## GridComments the Indefatigable

Things did not go as well as might have been hoped. Since there was only one submission for the conventional, I deemed it correct by fiat. (I'm pretty sure it was right anyway.) There were ten submissions for the cryptic, all of which were correct. The word for which there was no clue was discounted, although a couple of submitters actually seem to have found the correction. Congratulations to all submitters, and for the rest of you—well, I can't put you in if you don't at least try it.

The lone conventional solution came from the Millenium Falconer. Cryptic submissions came from: Millenium Falconer; Sharkey; Auntie Annie and the Pup; The Evil Galactic Warlord Larry, Thanatos, and that New Order Programmer; Magician; Zaphod & Lord Sinus; Napier's Bones = {The That Never Was, Transcendental Bushpig, Spaceman Spiff}; Tomas; Gofast & Mr. Smartypants; The Easter Bunny & Lips - You Know It!; Vistlik the Romulan.

Favourite Frauds: The one I saw on Bonanza last night; Sigmund Fraud; Santa Claus; The incredible non-existent gridword prizes!; Life; Mathematics; Tax Fraud (It's my money); Sigmund; Tax Fraud, Sigmund Fraud & The Fraud Prince; Froid enough to go skiing; Cryptic 19 across (How about "A ribbon nets the English hood").

Comments: What happened to quality control? What happened to gridword excellence? What happened to 19 across?; I don't think, therefore I am not; Beware the Beaker; Mr. Pants and I were quite challenged. (He more than I); 19 across: North be deranged, but has identity; We make wishes using Napier's Bone...; Oop! Ack! (nice editing); Great clue for 19 across!; Coracle?? Read the dictionary lately?; Hated the "favourite". How 'bout "favourite beastie from math and leggo", or something.; D = 500. This time it *wasn't* a typo... [Nope. Whatcha gonna do 'bout it, huh?]

This issue's conventional winner is *Millenium Falconer*. The cryptic winner is *The Evil Galactic Warlord Larry, Thanatos, and that New Order Programmer*. I may make up some GridCertificates after the fashion of the SquizExpertCertificates. Drop by MathSoc sometime and check it out. Solutions for this Grid are due in the BLACK BOX or under the mathNEWS office door (MC3041) by 18:30 on Monday, February 5<sup>th</sup>. Good luck.

Lord S'Djawkheril  
and Powerlady

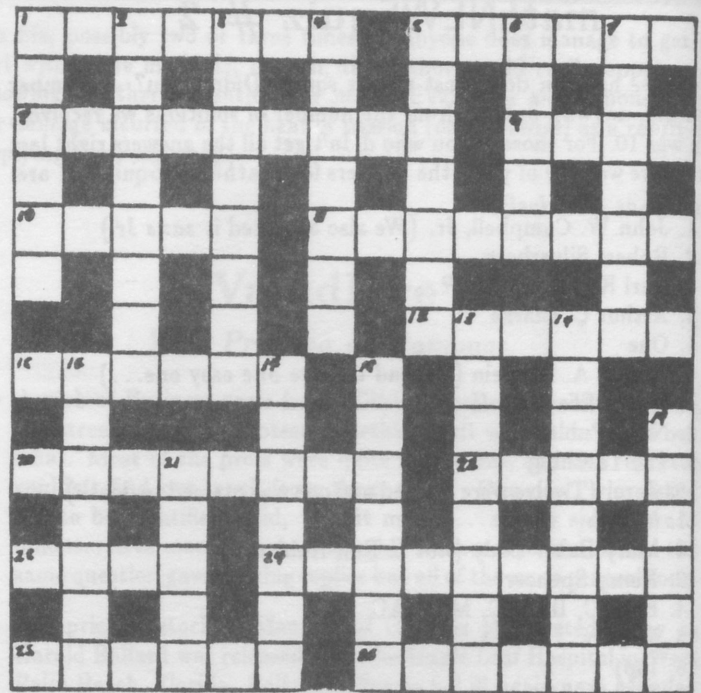
### Conventional

#### Down

1. Gentlefolk
2. Fathered
3. Exclusion
4. Varnish
5. Maximum
6. Dickens' thief
7. Red Wine Cooler
13. Facilitate
14. Mirage
16. Full
17. Cranky
18. Fund
19. Seed
21. Dividend

#### Across

1. Protuberant
5. Bungling
8. Careless
9. Chromosome
10. Ceremonies
11. Stars
12. Servant
15. Mining
21. Obstinate
22. Evade
23. Soon
24. Train
25. Exuberant
26. Undying



Name: \_\_\_\_\_  
Favourite Piezo-electric Effect: \_\_\_\_\_

Comment: \_\_\_\_\_  
\_\_\_\_\_

### Cryptic

#### Across

1. VAX maker, one alternate beetle is a noise measure (7)
5. Diseased month, I see (4)
8. Screen marker, one league's running hunter (9)
9. Engrossed by the part arrangement (4)
10. There is a number back in the alien (5)
11. Everything you'n I do, poem (8)
12. Rapist about the hail's right (6)
15. Editor's mark whips the spout (8)
21. Bet a MIRV scattering isn't word-for-word (8)
22. No longer the Queen, time to work (5)
23. Depict the adoptee's reversal (4)
24. Hothead, dismiss the cattle mark (9)
25. Botanical state, spoken (6)
26. Landscape an act part, endless grain (7)

#### Down

1. The day of a topless pouch, summary (6)
2. Catholic official bird (8)
3. Blue urchin eaters' absorbing pads (8)
4. Garland, certain ease (7)
5. The sun mold, right fighter (7)
6. Interpret a soft ass (5)
7. Limp as seaweed, deadlock (7)
13. Weaken a headless currency, payment for French wheat (8)
14. Baseless orgies consumed and revere (8)
16. Election in a non-singular lung membrane (7)
17. The flu, a scrambled odious one (7)
18. The bone hesitates in soil (7)
19. Rotate a deity in a pigpen, thickset (6)
21. The elbow eradicates the arbour (5)