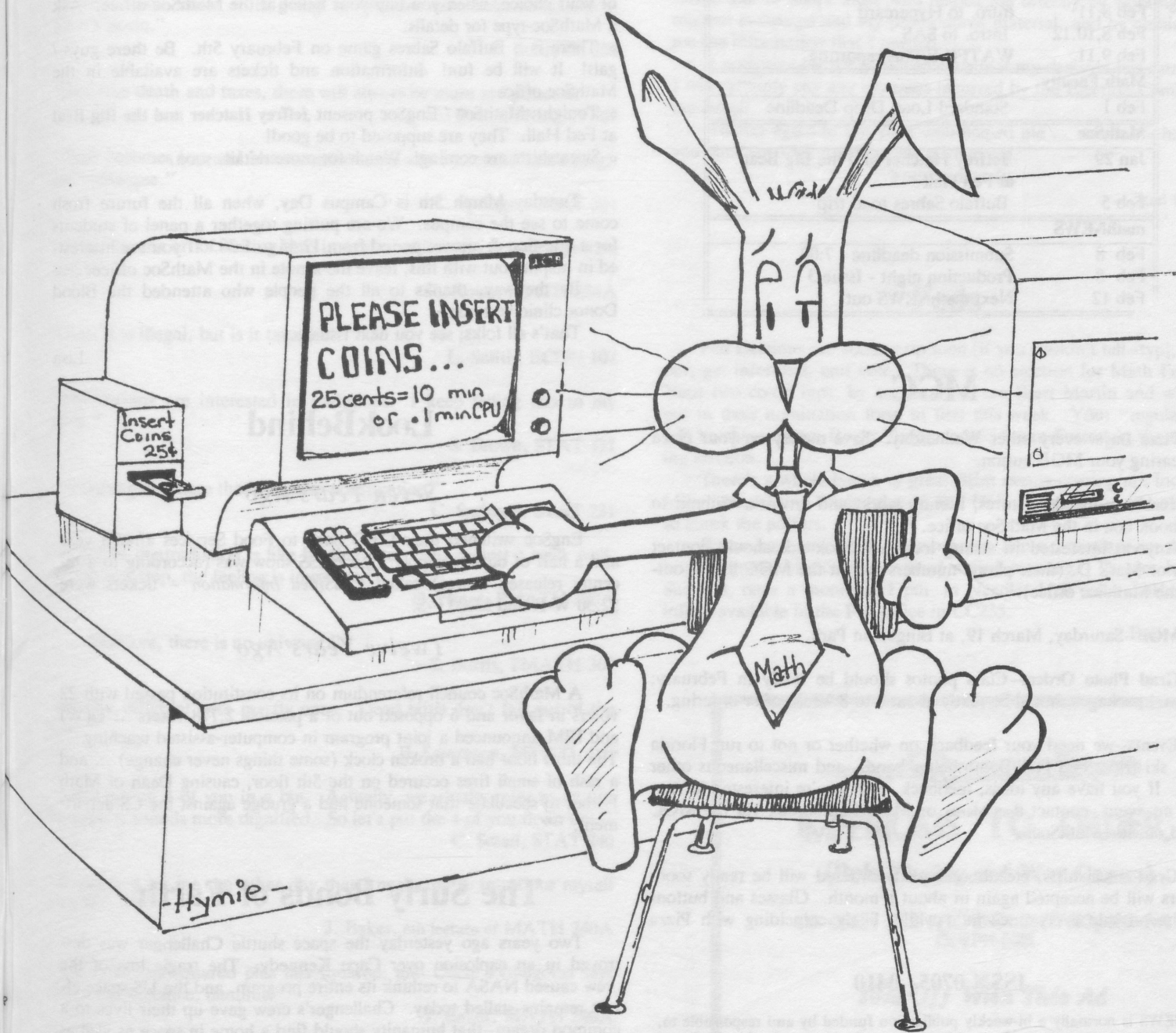


math NEWS

Volume 46 Number 2

Friday, January 29th, 1988



now that the Computer fee has
been abolished....

LookAhead

Cinema Gratis	
Feb 3	Symbiosis After Hours
Feb 10	Romancing the Stone Raiders of the Lost Ark
Fed Flicks AL 116	
Jan 29-31	La Bamba
Feb 5-7	RoboCop
Feb 12-14	InnerSpace
DCS Courses	
Feb 5	OS/2
Feb 8,11	Intro. to Hypercard
Feb 8,10,12	Intro. to SAS
Feb 9,11	WATFILE/Plus reporting
Math Faculty	
Feb 1	Standard Load Drop Deadline
MathSoc	
Jan 29	Jeffrey Hatcher and the Big Beat at Fed Hall
Feb 5	Buffalo Sabres road trip
mathNEWS	
Feb 8	Submission deadline - 7:00
Feb 8	Production night - Issue 3
Feb 12	Next mathNEWS out

MGC

Pizza Days—every other Wednesday. Save money on your pizza by wearing your MGB button.

Yearbook—needs pictures, literary work, and artwork. Submit to Yearbook box in the MathSoc office.

Anyone interested in selling local yearbook ads should contact Sonia or Mark D. (their phone numbers are on the MGC listing outside the MathSoc office).

MGB—Saturday, March 19, at Bingeman Park.

Grad Photo Orders—Class photos should be ready in February; Personal packages should be ready about 6 to 8 weeks after ordering.

Events—we need your feedback on whether or not to run Florida trips, ski trips, Fed Hall/Bombshelter bands, and miscellaneous other stuff. If you have any ideas, feedback, or if you're interested in running an event, contact Brett Martin or Mark Lamoureux via the MGC board outside MathSoc.

Grad Sweatshirts, etc—those already ordered will be ready soon. Orders will be accepted again in about a month. Glasses and buttons will be on sale every once in a while, likely coinciding with Pizza Days.

ISSN 0705-0410

mathNEWS is normally a bi-weekly publication funded by and responsible to, but otherwise independent of, the Mathematics Society at the University of Waterloo. Content is the responsibility of the mathNEWS editor; however, any opinions expressed herein are those of the authors and not necessarily those of MathSoc or mathNEWS. Send your correspondence to: mathNEWS, MC 3036, University of Waterloo, 200 University Ave. W., Waterloo, Ontario, Canada, N2L 3G1 or to userid mathnews@watdesu on USENET.

Editor: Tom (Suave One) Vandelloo



Prez Sez

Okay, social events first:

- All you frosh out there are eligible for a \$2 rebate on the math event of your choice, when you buy your ticket at the MathSoc office. Ask a MathSoc-type for details.
- There is a Buffalo Sabres game on February 5th. Be there guys / gals! It will be fun! Information and tickets are available in the MathSoc office.
- Tonight: MathSoc / EngSoc present Jeffrey Hatcher and the Big Beat at Fed Hall. They are supposed to be good!
- Sweatshirts are coming! Watch for more details soon.

Tuesday March 5th is Campus Day, when all the future frosh come to see the campus. We are putting together a panel of students for a question & answer period from 12:45 to 1:30. If you are interested in helping out with this, leave me a note in the MathSoc office.

By the way, thanks to all the people who attended the Blood Donor clinic yesterday.

That's all folks; see you next issue.

Lisa

LookBehind

Seven Years Ago

EngSoc switched their C+D back to Food Services after a year and a half of outside supply...the FASS show was (according to a recently released source) called *FASSified Information* — tickets were \$2.50 W-R and \$3.00 F-S.

Twelve Years Ago

A MathSoc council referendum on its constitution passed with 22 voters in favor and 6 opposed out of a possible 2,778 voters ... U(W) and IBM announced a joint program in computer-assisted teaching ... The third floor had a broken clock (some things never change) ... and a rash of small fires occurred on the 5th floor, causing Dean of Math Forbes to speculate that someone had a grudge against the CS department.

The Surly Bonds of Earth

Two years ago yesterday the space shuttle Challenger was destroyed in an explosion over Cape Kennedy. The tragic loss of the crew caused NASA to rethink its entire program, and the US space effort remains stalled today. Challenger's crew gave up their lives to a common dream—that humanity should find a home in space as well as on Earth. Hopefully, the bravery of her crew will continue to inspire us all.

“And, while with silent, lifting mind I've trod,
The high untrespassed sanctity of space,
Put out my hand, and touched the face of God.”

John Gillespie Magee, Jr.

Prof Quotes

Ooh. Ick. More quotes. What are we supposed to do? Well, Tom says to chuck them in the trash compactor, but we know better. Keep submitting them, and we'll keep printing them. If they're good, that is. Tom lines his birdcage with the garbagey ones. But I digress...

"I'm just gonna go *foomp* and you'll see the stars go by in streams and we'll hit hyperwarp..."

P. Buhr, CS 354

"Life as you know it is going to become extremely complicated. Don't panic."

P. Buhr, CS 354

"Just like death and taxes, there will always be more assignments."

S. Burris, PMATH 367

"This becomes less and less common sense and more and more magical technique."

C. Springer, STAT 231

"Algebra—the art of writing zero in evermore interesting and elaborate ways."

K. Rowe, MATH 234A

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

L. Smith, ECON 102

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

S. Brown, STAT 431

"Anything else here that's causing constipation?"

C. Springer, STAT 231

"Proof by contradiction is like beating your head against a brick wall. When you stop, the feeling is immense."

D. Higgs, PMATH 430A

"... therefore, there is no universe."

S. Burris, PMATH 367

"I'm no different with my fly open. Dead birds don't fall out of the nest."

B. Lawrence, MTHEL 100

"Let's put all 4 of you in a bin. Actually, we usually refer to an urn because it sounds more dignified. So let's put the 4 of you in an urn."

C. Small, STAT 240

"It dawned on me the other day that I neglected to introduce myself to you..."

J. Baker, 6th lecture of MATH 240A

"We have *this* squared plus *this* squared, and Uncle Pythagoras says that's *this* distance, dammit!"

J. Baker, MATH 240A

"Only those of us who had horny ancestors are still with us today."

Lefcourt, Psych 355

An Open Letter

Dear Federation Members,

It was with regret that on January 25, 1988, I withdrew my nomination for Vice-President, Operations and Finance, of the Federation of Students. The reasons for this decision were strictly personal and have nothing whatsoever to do with the Federation or the election campaign.

In preparing for this campaign I discovered how much I can count on my friends to be there when I need them. I would like to thank them for their support and words of encouragement. In particular, I would like to thank those who helped me directly by working on my mailout campaign and my promotional material, and by obtaining for me the information that I needed.

I apologize for the inconvenience that my decision has caused and I will certainly pay any expenses incurred by the Election Committee on my behalf.

Thanks again to everyone who helped me ... no matter how little you *think* you did, it still means a lot to me.

Yours sincerely,

Joel Crocker

Feds

Fed elections are coming up soon [if you couldn't tell—typ], so get out, get informed, and vote. There is no election for Math Fed rep. Your two co-op reps, by acclamation, are Brett Martin and whoever put in their nomination form in first this week. Your "regular" rep will be chosen from Roger Tudor and C. Susan Forrest in the upcoming election.

There's a whole bunch of great BEnt events coming up, including Mike Mandel this Wednesday at Fed Hall. I forgot the rest of them, so check the posters.

If you have any ideas or comments, leave a message on the Fed board outside MathSoc, or attend a Fed meeting. They're held on Sundays, once a month at 1 pm. in Needles Hall room 3004. More info is available in the Fed office in CC235.

Brett Martin



IMPERIUMS TO ORDER

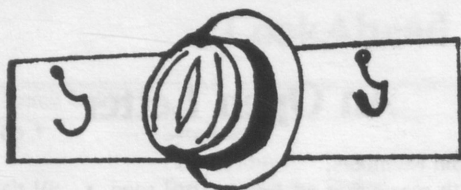
(Role-Playing and War Games)

103 QUEEN ST. S. KITCHENER ONTARIO, N2G-1W1
(519) 744-3631

10% Off With This Ad

Valid Until Thursday

February 11th



Beddoes Hangs Up Hat

Just over two weeks ago, we received the sad news that Dick Beddoes, Waterloo's favourite CHCH-TV sports director, had been given his pink slip. John Best, CHCH's Vice-President of news and public affairs, cited "economic reasons" for Beddoes' sacking. Beddoes has been replaced at anchor by Ken Welch, although Dick will continue his Saturday evening interview show. Beddoes is not overly disturbed by the news, as he expects to be offered a job by Toronto Maple Leaf owner Harold Ballard.

Although he has not attended many games in the past few years, Dick Beddoes was once a regular feature of Waterloo Basketball games. His trademark hat was a common sight in the PAC, and his presence never failed to be noticed by the Warrior's Band. mathNEWS asked the Band for a comment. Steve Hayman, Former Chief Centurion of The Warriors Band had this to say:

This truly is sad news. We in the Warriors Band were always great admirers of Mr. Beddoes; he was a sportscaster who appreciated the unique qualities of Warrior Basketball, and always spoke highly of the band. In fact I think I even remember him referring to the Warriors Band on the air as "that band from Waterloo".

We valued Mr. Beddoes for his knowledge of the game, but more than that we valued his willingness to appear on-air in a Warriors Band sweater and helmet, and his featured role in the 1983 Warriors Band Movie.

Even though we haven't seen him at a televised game in the past few years—perhaps the "no hats" signs scared him off—we'll miss him, and for his sake we hope he doesn't wind up working for Harold Ballard.

The Warriors Band

"Proud to count Dick Beddoes amongst its honorary members"

U.W. Varsity Briefcase Drill Team to Perform

The Varsity Briefcase Drill Team (V.B.D.T.) will perform at the half-time when the Warriors basketball team meets W.L.U. on Saturday, January 30, 2:00 p.m. at the Physical Activities Complex, University of Waterloo.

The V.B.D.T., which made its triumphant debut at the Naismith tournament last November, will perform a brief precision drill routine to the accompaniment of the popular Warriors Band. The rigorously-rehearsed routine features bruising briefcase manoeuvres named for campus computers.

The team offers a lively, light-hearted brand of entertainment and team support which is uniquely suited to the corporate spirit of the University of Waterloo.

For further information, contact the V.B.D.T. choreographer, Linda Carson, at 888-6913 (evenings) or at 885-1211, extension 2452

UltraClassified

Attention Math regulars. Remember these initials when voting for MATH FED. REP. : R M T

R for Roger

M for Muffin

T for Tudor

John Herbert at Large ... No, this is not a crime report, but an unabashed plug for John K. Herbert's campaign to be re-elected as Undergraduate representative-at-large for the University Senate. John is a friendly, involved, outgoing kind of guy, fond of the basketball games, the Bombshelter, Fed Hall and especially the Grad Club. In other words, he's just the kind of guy who represents *your* best interests. Vote John K. Herbert for Undergraduate Senate.

Wanted: One member to fill out the complement of the WTW (Water Terrorists of Waterloo). Formed last fall, the WTW made various hits on students and generally created havoc in MATH 230b classes. The remaining two members are biting at their leashes for more action.

Prices

In class hit \$5

Outside class hit \$3

EngSoc, SciSoc prez hit \$0

Hello everyone, my name is Lisa and I perpetually inhabit the Ultra-Classified. I'm just a silly high school artsie trying to make a fool out of myself and Bailor.

Why don't newbies like loonies?

They can't get the chocolate out of the wrapping.

stolen from ex-MathSoc prez

Wanted: Artsies to perform complex variable addition. Calculators on request.

Gee SuperTrez, we really were hoping to goad you ... er help you with your, ick, Fed campaign... Sigh.

Do you know where Bailor is?

Do you care?

Well, he's not in V2;

He's not at McMaster (yet);

He's not at Conrad Grebel;

He's probably stuck in 1A

Mephistopheles

Rumor has it that ex-MathSoc-Prez Bill Tilford will be tying the knot with everyone's favourite wRECKed student, Marion Cunningham. Congratulations to both of them from MathSoc and mathNEWS. NOTE: I did not get my invitation yet (surely a simple oversight).

John Thomas

Strange Thought of The Week

Are Steve King, Mike Morden, and Adam Clyde going to run as The Three Faces of Eve next year? Three Days of the Condor, perhaps? Three Coins in the Fountain? Maybe even The Three Stooges Meet Snow White...



Feedback



There is a problem with overcrowding and the quality of teaching in Stat 335.

The Wednesday class is held in PAC1088 in which about 15 people are forced to stand and sit on the floor, blocking the exits, to hear the lecture.

The prof. J. Robinson signed in 23 people over the course limit. There were 69 pre-registered and 70 available seats. He informed us that there are now 92 students in the class.

I did not pay over \$700 in tuition (not including incidentals) to sit on the floor and not see the board. We should be moved to a larger room so that our safety and the quality of our education is not compromised.

J. Robinson should just tell people next time that the class is full. He was still signing them in on January 13. Are all these new people going to be the ones on the floor? I doubt it.

MAD in 4B Stats

Top Ten Dirtiest Words

that are Printable in mathNEWS

From the home office in Cabbagetown, Ontario...

- 10 Hah!
- 9 Real Time Programming
- 8 Honeywell
- 7 Midterms
- 6 Calculus
- 5 Final Exams
- 4 You stupid schmuck
- 3 F*** (that's Feds, folks)
- 2 Imprint
- 1 Engineer

HobGoblin

In The SAC

Now that I have my clairvoyant skills finely tuned again I can tell you what's going to happen at the SAC meeting that happened two weeks ago. No, wait a minute, that's not right. Well anyway some people showed up. To be more precise your SAC reps for this term are:

Brian Capstick	3A	C&O
Paul D. Obeda	3B	CS (EEE still?)
Liz Dunn	4B	CS/Info Systems
Ross Orrett	4B	CS
Paul Chang	1B	Act Sci

All of these people can be reached at MC3038. A big thank you to those of you who completed the questionnaire and the work term summary. The completed Student Work Term Summaries are now available for your perusal in the Career Information Centre in Needles Hall. This binder can be used to get a student's impression about a job which you just applied to. The hot item on the buffet this term is Work Term Reports. Yes, everyone's favourite essay is up for questioning. Do you like them? Do you see a reason behind them? Do you write them? Give us your opinions on this and many more topics.

If you have a problem, question, concern, recommendation please come see us in MC3038 (MathSoc). If for some unknown reason we're not there (classes? huh!), please leave a message and we'll get right back to you.

From the SAC - Brian Capstick



Super Bowl Sunday

January 31

Watch the game

in style on

our 45" big screen

All-U-Can-Eat pizza

\$4.99

Pitcher of R.beer

\$5.99

Licensed under L.C.B.O.

A chat with Doug

A mathNEWS Special Report

On Monday, January 18th, mathNEWS interviewed University President Dr. Doug Wright. During the interview, Dr. Wright commented on the Canadian university situation, Waterloo in particular, and issues affecting Math specifically.

mathNEWS: Dr. Wright, thank you for coming to visit. I know our distinguished competition, Imprint, has found you somewhat inaccessible. Do you feel that this is the case?

Dr. Wright: I'm not aware that they tried. Certainly I'm away a fair bit, but usually someone can see me within a day or two if I'm in town, and I return all of my calls within 24 hours. Imprint called me 'missing in action', which is sometimes true—I'm out hustling for the University.

mathNEWS: Certainly we had no trouble. What are you doing when you're out of town? Representing Waterloo?

Dr. Wright: Well, at the start of my term at Waterloo, I took a few months to assess the University's position. I had been Dean of Engineering here, but afterwards had spent time in government. Coming back in 1981, I found Waterloo to be in good shape, but with its strengths mostly unknown except to us and to the most important external community—high school students. Personnel departments in business knew us, too, but at the top level—the executive level—we were not known. Even in KW, awareness of Waterloo's strengths was low, and government didn't know about us either. Few executives or ministers knew what co-op even was in 1981.

Canada had a presumption which bothered me, that we would stay rich on natural resources forever. I felt that only human resources would matter in the future, and thus it was necessary that universities be healthy—both to serve the students and to do research. Thus the balance of my work is internal. The University runs well enough itself, the Deans and others do very well. I've been involved in many internal things, but I go to boardrooms, corporations, government, and so forth on behalf of universities generally, and Waterloo in particular.

Since 1981, I and others have been quite successful. There's been a profound shift in attitude. Universities are now held in high regard, Waterloo in particular. Where before governments could squeeze universities with impunity, because of the lack of political concern, lately there's been an explosion of interest. The Ontario Premier's Council on Education, and the National Advisory Board on Science and Technology are large steps forward. I am on both of those committees—the only university person on either. These make general policy—I represent universities in general there. These take maybe 20 working days a year, and I also attend conferences with government and corporate CEOs.

mathNEWS: On the topic of government, you obviously feel things have improved. Do you think that they still have a long way to go?

Dr. Wright: Oh, yes, although Peterson particularly has improved things—If you look at the numbers, we're still in a difficult position. California universities have almost twice our level of revenues. We might say fine, California is an advanced and affluent society, but

Alabama has almost twice our revenues as well. We normally don't consider Alabama to be that far ahead of us. Canada generally and Ontario particularly are quite anomalous in our low level of support. The "Centres of Excellence" have been very welcome, but they haven't solved the problems of teaching undergrads.

mathNEWS: The feeling that undergraduates get less priority than research here is very common. Do you think that's true?

Dr. Wright: It's a tough thing. I'm well aware of that perception. If you go to the US, you'll find that they have two sorts of University: the public universities, where money goes mostly to graduate studies and research, and undergraduates get the short end of the stick; and private universities, which do much better but the tuition is enormous. In Britain, the university system is very restrictive, but those few who get in receive a superb education. In Scandinavia, the Netherlands, and Germany, accessibility is high, near to that of Canada, and quality is high too—but they receive almost three times the revenue that we do—and that's a big difference. France, Japan and the US have the mixed system—many institutions of high quality, and many others with large accessibility with lower quality. Canada is unique in being the only country without any well-funded institutions. It's remarkable what Canadian Universities have done, but given competition with other countries' universities, we haven't done enough. We need the funding to do it.

That brings us to policy questions. Should we have a mixed system? What is tuition's role in that? What about accessibility? Canada is second only to the US, and recently Japan, in accessibility. But the funding, especially in Ontario, is shocking. Except for the IBM and DEC computer equipment here [in Math], most of our lab equipment is older than our students.

mathNEWS: More specific to Math, we've recently dropped the honours requirement from 48 to 44 half-credits, and probably will soon drop to 40. A number of senior year students have expressed concern that this will lessen the value of our degree. Do you have any concern?

Dr. Wright: Absolutely none. I have several reasons for that. I'll be blunt right off: People who are unsure of themselves and have difficulty dealing with questions of quality, use quantity as a proxy. I feel 40 is quite adequate. There is a great deal to learn—a few courses more or less do not make a substantial difference. At university you learn how to learn. Most content is after graduation, and the rate of knowledge obsolescence is rapid. Perhaps we should issue degrees with an expiry date! You laugh because it's absurd, but graduates have a responsibility to maintain their learning. I think the future will prove that 40 half-credits makes little difference. Waterloo is very demanding, almost as much now in Arts as in Math and Engineering. It is narrow-minded and dangerous to spend too much time in your major. The nature of Engineering, Math and Science, and the instructors there, creates a culture which students readily absorb—of definable questions and unique answers. The real world doesn't have many definable questions and unique answers, even in the scientific community. The way we teach does not acknowledge subtlety and ambiguity—but that's an important aspect of literature and history. They teach human affairs, and that's extraordinarily important. Almost everyone who comes here wants to operate in the world, and so a "truly educated" student uses their time here for a broadening of scope.

continued from page 6

mathNEWS: Let's talk about buildings. Where will the next one go? Who will live in it?

Dr. Wright: We've done a lot of building recently. When I came here in '81 there was a terrible space crisis. That crisis is now greatly reduced. We had an operating crisis as well, and we've increased teaching staff almost 10% since 1981. We gave B.C. Matthews Hall to HKLS, and built an addition. We bought the Phillip Street Building and moved Fine Arts and Dance there, as well as administrative people displaced from Matthews Hall. And of course there's the Davis Centre. The acute needs now are for Science, especially Earth Science, for Arts, specifically accounting, and for Optometry research space. Those would be the priorities.

mathNEWS: We have mixed feelings in Math about our new neighbour. Do you personally like the Davis Centre?

Dr. Wright: Taste is a personal thing, but I find the Davis Centre to be attractive and exciting, but we'll have to use it for a while to appreciate it. It's big, huge inside. The style is certainly different.

mathNEWS: When will it be opened?

Dr. Wright: Very soon now. The wing above the library is finished, and as soon as the tunnel from Engineering is completed, that area will be occupied. The balance of the main wing will then be completed. I expect it will be largely occupied by the end of the winter, and will open officially in Fall '88, once the labs are completely set up.

mathNEWS: Do you see the university, or the Math faculty, moving more towards co-op?

Dr. Wright: Math is now about 85% co-op, and even Arts is around 40%. There was some discussion of making Math all co-op about four years ago, but it has not been pursued. It may arise again as percentages rise—all co-op does add efficiencies by not supporting two types of programs, but no-one is pursuing it now.

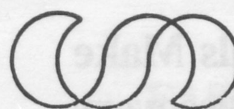
mathNEWS: What do you see in the future of the Math faculty?

Dr. Wright: I think Math is one of Waterloo's distinct features—and the Centres of Excellence are enhancing that. I don't see any increase in the size of the undergraduate program. The Ontario population base doesn't indicate that need. We'll concentrate on increasing quality with maturity.

mathNEWS: One last thing: some talk has been heard in Math lately that CS would like to become more independent. Are you aware of any plans?

Dr. Wright: I hadn't heard anything about that. I think interdepartmental and interfaculty programs are some of our strongest areas, such as links between Statistics and Systems Engineering. In fact, we had a visit recently from the president of the finest university in Switzerland, in Zurich. He's a statistician himself, and has large Engineering, Math and CS areas there, but they are completely unrelated. He came here to see how we do integrate our programs, and sees such an approach as good.

mathNEWS thanks Dr. Wright for his time, and reporter Stuart L. Hodgins for conducting the interview. For a transcript of this interview, send \$3.75 to—well, wait, you're holding it. Oh, well, so much for that.



Computer
Science
Club

Flash

In the sordid aftermath of the demise of the trusted ACME digital crystal ball, it was discovered that shortly before it went 'poof', it was yielding spurious results. Because of this, alas, the CSC has once again, in keeping with tradition, been utterly unable to correctly predict the results of its elections.

Following then, is the new and improved, CSC executive Release 1.1:

President - Jim Boritz
Vice President - Stephan Mueller
Treasurer - Edwin Hoogerbeets
Secretary - Jim Thornton
Sys Admin - Brian Carson

Once again, this issue of mathNEWS is exactly two days too late to tell you about our latest meeting, but we will anyway: This past Wednesday, we had a talk on the New Oxford English Dictionary project given by Gaston Gonnet.

The next CSC event will be held soon and will be an ICR Colloquium with David Martindale. Other plans for this term include a talk with Johnny Wong about the plans for the MFCF and an info night for 3B computer science students.

In the shameless plug department: it's still not too late to join the CSC. It'll still only cost you a buck, and it's worth every cent, even if just to get the executive to leave you alone. In fact, today alone, 8 lucky new members joined the CSC.

Calum T. Dalek



UNIVERSITY OF
WATERLOO
BOOKSTORE

february special

20% OFF
ALL SCIENCE FICTION

COME IN AND BROWSE

9 a.m. To 5 p.m.
Monday To Friday

**VISA and
Mastercard**

**Phone Orders
ext 2049**

UW Officials Make Shocking Discovery

UW Security came upon a grim scene earlier this week on the sixth floor of the math building. Deep within the confines of the floor were discovered the remains of six students, apparently lost several years ago. "It's really too bad," said Special Security Team head Rusty Ballard. "Apparently, they went looking for the CS tutors, got lost, and couldn't find their way out. They managed to survive off of a couple of C+D bagels for a few weeks, but they soon starved to death." A check of ID cards revealed that the students were registered in the Winter 1981 term, when they were probably stranded. UW officials promised to investigate the whole sixth floor scenario. The possibility of St. Bernard search teams was considered.

Later in the week, officials discovered a group of hippies living on the roof of the MC building. They staged a sit-in shortly after the building was opened in the late sixties, and decided to create a commune. The group was shocked to discover that Governor Ronald Reagan was now president, and that the Grateful Dead were all still alive. They apparently survived on squirrels that ventured up to the roof. The hippies were doing quite well, but suffered a major culture shock when they accidentally ventured into the Campus Centre. They are presently being treated at KW Hospital.

Michael Ellis

Campus Question

Who does your prof most resemble?

We had plenty of submissins for this week's question. Chris Springer of the Department of Statistics and Actuarial Science is the winner. Seems he looks like four different celebrities (?). Chris is invited to come and pick up his prize in the MathSoc office (MC3038).

Anyhow, here are the look-alikes. "I can't tell the difference. Can you tell the difference?" (and don't forget Lenin's Swiss clock's.)

Professor	Look-alike
J.C. Robinson	Papa Smurf
David Taylor	Peewee Herman
J.H. Johnson	Kaptain Kangaroo
P. Fitzgerald	an elder from "Whoville"
V. Zeidan	Andrea Martin
Gord Willmot	Larry's other brother Daryl
Eveline Adomait	Mary Tyler Moore
H. Johnson	Benny Hill
R.A. Staal	Willy Tanner (ALF)
Kelly Booth	Mr. Dressup
N. Theberge	Miss Piggy
S. McGill	Roger Ramjet with a moustache
Winston Cherry	George McFly
Chris Springer	George McFly
	Brad (asshole) from <i>Rocky Horror</i>
	Dennis the Menace's father
	Clark Kent

Next Question: *What do you think should be done with the vast wasteland on the 4th floor of the MC building?*

Submissions accepted until Monday February 8, 1988.

Fiscal and Skibert at: The Elections

Now that Joel has withdrawn from the Fed elections (smart move, Mr. Rocker), we can give some attention to some of the other candidates.

Today we look at the platform of the package deal—Three Men and a Cabbage Patch Kid. Speaking of package deals, we understand that they are promising many ski trips, and that's what's important. What do you think, Fiscal?

You know, Skibert, I say skiing is fun, but what does it do for your finances? Money is the key issue here. We don't want our Fed Exec to go crazy with our money, now, do we?

Well, it's not as if they'd go and join the CFS. They would sooner spend the money on ski wax for the student body. Say, just who exactly are the Three Men and a Cabbage Patch Kid?

Steve King is running for Prez. I understand that he is in fine financial shape, with a good portfolio of investments, and he's a don in V2, so he's saving money that way.

You know, Fiscal, as I understand it, he's just as broke as every other student, so his finances can't be that good. But I understand that he is quite the waterskier.

The candidate for VP-OF is Mike Morden. I think he's portraying Ted Danson. Now that guy is loaded. He played an ex-baseball player on *Cheers*. Do you know how much baseball players make?

Sorry, Fiscal, I don't. But I do know that baseball players don't have many chances to ski. After all, winter ball is always played in countries near the equator. But I do know for a fact that Mike is an avid skier. He's one of the best giant slalom skiers of all the candidates.

The last candidate on this ticket is Adam Clyde. He's running for VP-UA. Now, that's an important position. He gets to decide where the money is spent. Like whether we go skiing at Chicopee or Blue Mountain. There! It was painful, but I mentioned it!

Well, if you can mention skiing, I suppose I could bring myself down to mention finances. Undisclosed sources have told me that Adam has spent a small fortune on the video game *Downhill Skier*. Apparently he's very good at it and usually posts the high score when he plays. Well folks, until next time, I'm Fiscal ...

And I'm Skibert ...,
Save us two seats on the TSE ...,
And the lifts at Collingwood.

mastHEAD

It's been a long, long four days, but the end is in sight. I'd like to extend special thanks to the selected few who put up with my caffeineated expletives all night and stayed to the bitter end. This week's staff, quickly dwindling though it is, includes: Paul Sauvé, Stephen Smith, David Treble, C.J. Fievoli, Frank Letniowski, Stuart L. Hodgins, Paul Obeda, Jim Boritz, Jim Thornton, Stephan Mueller, Edwin Hoogerbeets, and Kim Calderwood. Our contributors are: Brian Capstick, Michael Ellis, Brett Martin, Lucifer, Joel C. Rucker, Dr. Terrence Till, Centre of Gravity, HobGoblin, Calum T. Dalek, John Thomas, Mephistopheles, One-Armed Phil, Lisa Falco, fletniowski, The Chuckler, Fiscal & Skibert, and yours truly.

Thanks are also extended to Marion and the Graphics Services crew, Little Ceasers, DCS, and all of our subscribers.

At this time, I would like to extend a special thank-you to a special person who shall remain unnamed but who just might be my girlfriend. I couldn't have made it this far without her. That's all for this issue folks. Next production night is February 8th — hope to see lots of you out. Take care.

John Thomas

discontinued

~~THE CONTINUOUS ADVENTURES OF~~

WATMAN

Expiring Minds Want to Know

To the editor:

Wat's this? We fans read horrified about the death of our valiant hero, endure the emptiness left by his passing, only to have Watman reappear with the one little line "freshly reincarnated"? No "wake up, Duck, the whole last season was a dream"? No "cryogenic suspension of Watman's head to be reattached to a spare Watbody"? No "faking the whole thing to uncover Opus spies in mathNEWS ranks"? Not even the "Ghost of Watman", "Son of Watman" or even "Caped Capers: The Lost Watman Files (a memorium)"? Just "freshly reincarnated"? We didn't even know Watman read Shirley Maclaine (or is this what they do in the Bilding late at night?).

Well frankly, we don't buy it. We want *Answers* and we want them *NOW!*

Disturbed mathNEWS Readers

Ok...you asked for it....

The Saga Ends, HERE

Watman and Duck were depressed.

"Gee, Watman. Did you ever get the feeling you weren't wanted?"

Watman sighed. "Yes, I do, Duck. Once we were popular super-heroes and now we're villified, desecrated, barfed upon..."

"Holy Manson family, Watman! Watch out!"

Suddenly a furious crowd of faithful mathNEWS staffers converged upon the discontinuous duo and began the final assault. "Duck! Help me! I'm...." Watman was cut off in mid-sentence as a pitchfork plunged through his stomach.

Duck tried to answer, but he couldn't shout over the sound of the chainsaw that was flailing about his head. Meanwhile, Watman tried to fend off continued blows to his spine with a meat cleaver. "I fear this may be the end, Duck!" He then shrieked in pain as his extremities were sliced off with a Vegematic.

Duck again attempted to shout back words of encouragement, but could not, due to the blood bubbling up through his throat. As he tried to break free of his assailants, a helicopter flew in a few feet above the ground and sliced him down the middle, from top to bottom, with one of its blades.

Watman, being the super-hero that he was, struggled to his feet, only to see them lopped off with a dull axe. He was then bundled up with barbed wire, tossed in a barrel of vinegar, and stuffed through a Food Services meat grinder, served up and eaten at Village Two the next evening.

The remains of Duck were strewn across the Conestoga Parkway, as a convoy of transports crushed him into the pavement.

Meanwhile, up in the safe confines of MC3038, Tom the editor wiped the scum from his blood-encrusted hands. "A dirty job," he solemnly commented. "But someone had to do it."

The Chuckler

FASS Report

I'm not gonna type that huge title

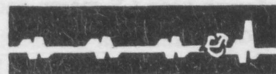
Well it finally happened! FASS will finally have original music as part of this year's FASS show. Not one, but two of the production numbers are the brainchild of FASS' own Jack Cooper. But don't worry there are plenty of the familiar parodies for those of you who like them best.

This year's show titled "An Old-FASSioned Love Song, a tale of computer dates, nuts, and flakes" looks at love and romance as a University department. And you thought Administration red tape was confusing! Between volunteers, protestors, and professors the puns fly at the standard FASS speed.

The set, according to technical director Derek Wilkinson, features "FASS' unique brand of scenery and costumes", that is to say "different from anything anyone else would put on stage".

Director John McMullen, a veteran of many FASS shows, is pleased with the way rehearsals are going so far. "Cast morale is high. They are doing a great job attempting things they didn't think were possible. I suggest audiences see the show twice to catch every subtlety and nuance".

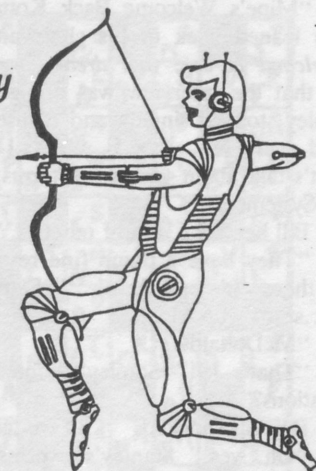
Show dates are next February 3rd, 4th & 6th at 8pm; and February 5th at 7pm and 10:15pm. Tickets are available at all BASS outlets. Don't miss out, get yours today.



An old FASSioned love song

a tale of computer dates nuts & flakes

*What happens
when the university
decides to play
Cupid with the
computers? Find
out as FASS takes
a look at love,
romance and the
computer age.*



Wednesday February 3 8pm
Thursday February 4 8pm
Friday February 5 7pm & 10:15pm
Saturday February 6 8pm

Tickets available at all BASS outlets

admission \$4.50
Humanities Theatre

The Interview

A Horror Story in Several Parts

Bill Kelso thought it was too good to be true. For when the Graduate 1 came out, he found what he perceived to be the ideal job. A new computer firm known as Xotech was opening up a production plant in Bill's hometown of Slug Falls, B.C. and required an expert in systems implementation, an area in which Bill was quite adept. He excitedly submitted his UCPA form and awaited his interview. You see, Bill loved computers—so much so that he spent endless hours playing with his Amiga and never got to meet many people, so no one was able to warn him about the dreadful mistake he was about to make.

When the January interview schedule came out, Bill was glad to see Xotech had granted him an interview. He didn't think it suspicious that he was the only one to initial the interview schedule. Adorned in his favourite brown suit, he proudly paraded into his interview that morning, hoping to make a real impression on them.

When he walked into the cubicle, Bill suspected something was amiss. A well dressed man was seated in the room, but directly facing the wall. "Mr. Kelso?" he asked, without bothering to turn around.

"Uh, yes," Bill replied hesitantly.

"I'm Stanley Zwiler, and this is my colleague, Mr. Butch Davison." He gestured towards an empty chair in the corner. Bill seemed puzzled. Suddenly, Stanley swung around in his chair and faced Bill. He was wearing black horn-rimmed glasses that obviously had no lenses and sported a mustache that appeared to be painted on with shoe polish. "Sit down," he said.

Bill went over to sit in the vacant chair in the corner, when Stanley suddenly flew into a rage. "That's where Butch sits!!" he screamed. Bill looked at him quizzically, and began to shrug his shoulders. "Sit on the floor," Stanley commanded. Bill sheepishly sat cross-legged in front of the desk.

Stanley shuffled through a massive pile of papers on his desk. "So, uh, tell me something about yourself..."

"Well," Bill said proudly, "I'm a fourth-year CS major and an expert on information retrieval systems and..."

"No, no, no!" Stanley interrupted. "All that crap's on your resume. Tell me something interesting!" He paused. "What's your favourite T.V. show?"

Bill was caught off guard. "Uh, well, I don't have a T.V. in my apartment, but I did see a couple of Star Trek episodes and..."

"Mine's Welcome Back Kotter," Stanley proudly declared. He then leaned back in his chair and began singing the theme song. "Welcome ba-ack, your dreams were your ticket out..." Bill suddenly felt that the interview was not going as well as he planned. Then, Stanley stopped singing and focused on the empty chair, nodding his head every few seconds. "Yes, I agree, Butch." He turned to Bill. "Let's talk about your work-terms. I understand you were at Atwater InfoSystems."

Bill heaved a sigh of relief. "Yes, I spent four terms as a..."

"They have a damn fine restaurant across the street there. Ever eat there? It's called...uh..." Stanley began drawing arcs in the air. "...starts with M..."

"McDonald's?"

"That's it!!" Stanley shouted. "Damn fine food.....well, any questions?"

Bill was shocked. "Can we talk about my marks?"

"Oh, yes." Stanley's expression suddenly soured. "I see you haven't failed any courses."

"That's right."

"Well, I mean, we're all not perfect. You see, I don't know who you're trying to fool, because we all make mistakes, and, well, I mean, who do you think you are, God Almighty HIMSELF!?" Stanley's face was suddenly red with rage,

Bill now didn't know what to think. "...sir?"

A smile broke across Stanley's face, and he leaned forward. "Ever play baseball?" he asked in a hushed tone.

"Sometimes...."

Stanley pulled out a huge feather. "What's this?"

"A.....feather?"

Stanley stood up and vigorously shook hands with Bill. "Congratulations. You're hired"

Bill was now sufficiently confused, and he began to get flustered. "Well, I'm not so sure I want it anymore."

Stanley's face suddenly turned morose again. "Oh, I see. You just waste our time by applying to a job you never wanted in a first place! You think we're going to put up with that?!" Bill turned towards the door. "Get him, Butch!" Stanley barked.

Bill Kelso was never seen after that day. He was rumoured to be a CS grad student lost on the sixth floor, but one can never be too sure. Perhaps this should serve as a lesson for those who are going through interviews. Choose your employers carefully. There may be more than a career at stake.

Waldo Jeffries

Help Needed

In copy control

Well, now that the Career Services Want-ads are out again, we hope that you've looked through them with a sharp eye out for the sort of ads that, well, deserve special mention. Clever typos, unusual claims, unintentional humour, all qualify for the irregular mathNEWS Want Ad hall-of-fame. Past term's winners include:

The Information free division of the Arcane Claim Award: (Canada Trust) "We are interested in talking with co-op students from all terms who wish to make immediate contributions to the shape of things to come." Huh?

The Laying it on really thick division of the Arcane Claim Award: (IBM) "IBM Computer Operators have an interesting and challenging career. They work at the very heart of the Data Processing World..." Uh-huh.

The Where Angels fear to tread Award: (Environment Canada) "Super Hackers welcome." Brave, aren't they?

The Everyone's Entitled to an Opinion Award: (Shopper's Drug Mart) "A background in Business BASIC would be a definite advantage."

The Red Stop, Green Go, Yellow Go Faster Award: (Ontario Ministry of Transportation) "A knowledge of traffic signals would be beneficial but not necessary."

The Telling it like it is Award: (Mitel) "The current [software] logs contain very little information and tend to be of little or no value."

The "Charles Atlas" Award: (Royal Military College) "The telescope is portable, but requires strength to move."

The "Hot-Wire" Award: (Dean of Science's office), whose high school liaison officer "must have, or find, a car."

Good luck in that job search, and let us know about the real winners in this term's batch of ads!

Dr. Terrence Till
and the ghosts of mathNEWS past

mathNEWSquiz #2

(Or: What Happened to my Subtitle Last Week?)

See, Tom? We're here on time for a change. In fact, we started work before you! Don't you feel silly now? Ah, these new editors. There's always a teething period with them. So, with mathNEWS's big fifteenth birthday party all over and done with, we now return to the more mundane task of cranking out regular features. This week's squiz questions were whipped rather quickly, with partial assistance from Tom. (He came up with #8, so if you think it's really asinine, blame him, not me.) I know we pick on Tom a lot, but, well, he wants to be editor, so we'll let him have his jollies. Meanwhile, here we go...

1968

- 1) What two pitchers copped both the Cy Young Award and the MVP awards in both major leagues in 1968?
- 2) What group gave their farewell concert at the Royal Albert Hall on November 24 of that year?
- 3) What hijacked ship was captained by Lloyd Bucher?
- 4) What did SDS stand for?

Streets

- 5) What happened at 10050 Cielo Drive, in Los Angeles?
- 6) How many steps led up to 221B Baker St.?
- 7) What Randy Bachman group hit the charts in 1981 with *Mainstreet U.S.A.*?
- 8) What street did Malone (Sean Connery) live, and subsequently die on, in *The Untouchables*?

MathSoc Presents

Jeffrey Hatcher and the Big Beat

Tonight - at Fed Hall

Feds \$4.00
Non-Feds \$5.00

Sponsored in co-operation with EngSoc

A Buffalo Sabres Roadtrip

Buffalo vs. Toronto

Math \$27.00
Non-Math \$30.00

Friday, February 5, 1988
Buses leave at 4:30 pm

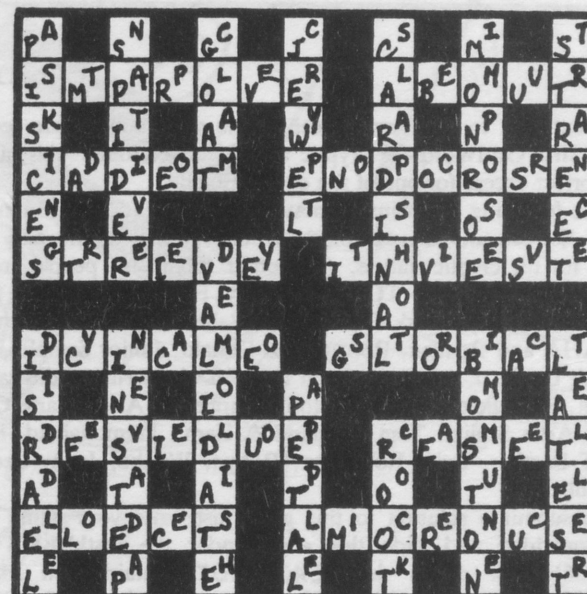
Information in MathSoc

Oscars

- 9) What two films had their entire casts nominated for Best Actor?
- 10) Which actor received a posthumous award in 1976 for his role in *Network*?
- 11) Which actress has received both the most nominations, and the most Oscars?
- 12) Which singer's career was resurrected with a 1954 Best Supporting Actor Oscar for his role in *From Here to Eternity*?

A candy-coloured clown they call the sandman...oh, sorry Tom. We weren't supposed to do that this term. Here's the answers from last week: 1) Achille Lauro (that was Tom's birthday, incidentally) 2) Aldo Moro (by the Red Brigades) 3) Steven Biko (Gabriel fans?) 4) 444 (easy enough, huh?) 5) Gunga Din (you're a better man than I am) 6) Benny Hill (the man himself) 7) Zeppo (the boring one) 8) Amadeus (as in Mozart) 9) Bobby Baun (they won in those days) 10) They swapped wives (in a doubleheader? Maybe...) 11) Brian Bosworth (Mr. Intelligent) 12) Paolo Rossi (Bene, bene) We had a good slew for submissions this week, and a four-way tie for top spot. So using Frank's psuedo-random selection whatever technique, our winner(s) is (are) James Martin, Steve Matheson (WLU - aagh), Peter Wright (WLU - aaaagh), Brian Clancy, and Karen Waghorn. These dudes can pick up their mathNEWSquizExpert certificate in the MathSoc office anytime. (Except Steve and Peter - begone, you knaves!) They copped 7 right. Other submitters include Wonko (7), Andrew Tron (7), Studly Hungwell (7 - oh, really, Stuart...), Steve NC (4 - or should I say Tom S.?), TTWIAHA and Reach (4), Tomas (2), and Gumby and Pokey (1). Leaders in each category were as follows: Birthdays (4) JSPB+K, Wonko, Stud, and Andrew; Entertainment (2) TTWIAHA+R, Andrew, Stud, and Wonko; Sports (2) JSPB+K and Steve (aka Magnum). Wanna be on the list next time? Well, give the questions a whirl and submit your answers to us by 7:03 pm on Monday, February 8. Just stick them...in the BLACK BOX in MathSoc (MC 3038) or under the hallowed mathNEWS door (MC 3036). Who knows? You may even get to meet Tom at the mathNEWS office. He'll be the guy in the dirty raincoat with the suspicious sneer on his face. Till next time...

One-Armed Phil
The mathNEWSquizmaster



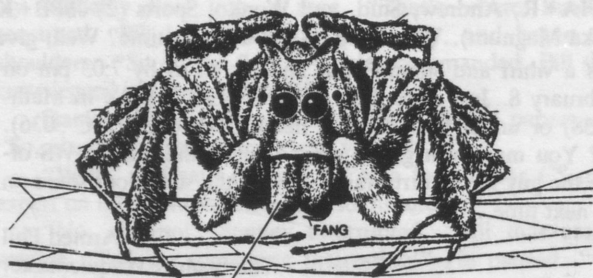
Cryptic

Across

4. I am in a pound hesitating loosely (6)
7. Speaker for a Tory insider (6)
8. Snugly lie in a flyer's home again without me (6)
9. A number surrounding a company noted the drug (8)
10. The first artificially intelligent pub backed by the Middle East (6)
11. Eager for a right ding (6)
15. The centre of humanity I currently think crazy (6)
19. The ice cream topping resistance holds a cup (6)
20. A tyrannical posed arrangement twitch (8)
21. Wear nearly direct and give (6)
23. Abolish a tin cello front part (6)
24. Author of (specifically) four years ago? (6)

Down

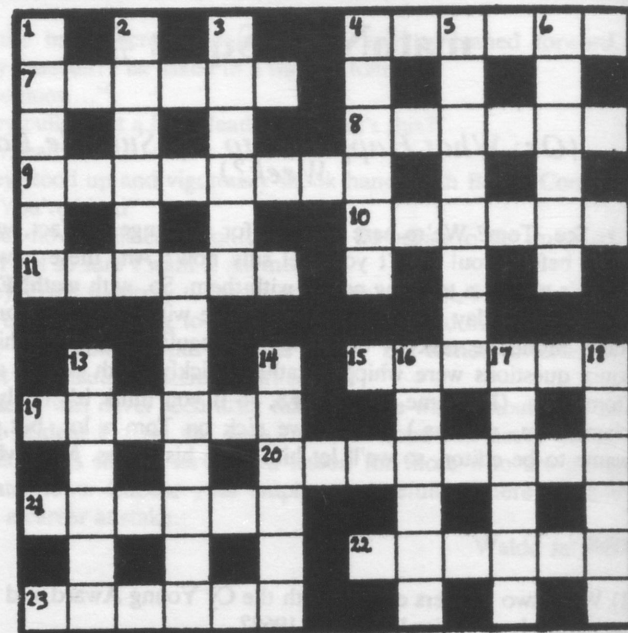
1. No race arranged in the eye (6)
2. Hurried a hundred brain parts putrid (6)
3. A bed weight fabric (6)
4. Straight, nothing up with the organ (6)
5. Confused fog Alaska's capital knows (8)
6. Initially, every child's den has a pastry (6)
12. A Greek letter I arrived at raised thinly (8)
13. Courage from the short lady of us (6)
14. If not, give out a trying experience (6)
16. A soft fruit is visible (6)
17. Altogether in diplomacy (6)
18. Silly talk of an accountant circa a risen animal (6)



Thine Handle

Favourite Bar

Comment



Conventional

Down

1. PETRIFIED RELIC
2. OIL ORIGIN
3. SPRING (e.g.)
4. ROUGH
5. MUSICAL INSTRUMENT
6. EMPLOYABLE
12. WRAPPER
13. ALTHOUGH
14. RERUN
16. KEEP
17. XC
18. TOOL

Across

4. LEMON-LIKE
7. EGG DISH
8. WITHOUT SCRUPLES
9. THREATENING
10. DELICATE
11. DORMANT
15. FORCEFULLY TWIST
19. AFFIRM
20. PRECIOUS METAL
21. DISTANT
22. TINY
23. CERTIFY

GridRun-ons

Great start to the term! Twenty-nine submissions were received for the first GridWord-26 cryptic and 3 conventional. All of them were correct except for one of the conventional.

The following two winners may claim prizes for their submissive nature: **Brenda and Gerda** for their conventional nature and **Peter Found** for his cryptic nature. The other submissive people are here included: Brad Hearn, TOMAS, Studly Hungwell, Andrew Tron, Gumby and Pokey, Mark Earnshaw, Galahad the Chaste, Michael L, ITWIAHA and Reuben, Roo, Carlos Donald, Junior Samples, Anne Marie & David, J. (whip me, beat me) Duckie—well you did say submissive!, PCP, Peter Found, Dalton Campbell & Anne Marie Chung, "RR", Artie Schlitz, Tom Bootland & Zamil Janmohamed, Fizz & the DT Bomber, Luke Robertson, Robyn, Wonko, Jenny Fee, BP, and Paula.

To submit a solution to this grid, just write your name in the space provided and slide this page under the mathNEWS office (MC3036) door or in the **BLACK BOX** contained in MathSoc (MC3038). The deadline is 19:00 on Monday February 8, 1988. A winner will be pseudo-randomly selected and will receive a special prize.

Personal Nature: "The little forest behind my house"; "Chaotic"; "Talks a lot, does little, generally procrastinates; Thinks a little, rationalizes a lot, assumes the rest"; "Animated"; "Knightly, or at least weekly"; "Cryptic slash unconventional"; "(K)nit-wits"; "Tending towards the poles"; "RUDE"; "Paranoid, why?"; "Erratic"; "Meek, Mild. Afraid of own shadow"; "Meaner than a junkyard hamster (GRRR)"; "Care Bears From Hell"; "not submissive"; "Psychotic ax murderess"; "cryptically conventional"; "Friendly sorts"; "Schizophrenic, no on second thought, I am not!"

Other comments: "Frank, you knob! A spider is not a bug!" (In my books it is. All right Stuart—I'll put in your graph...uhhh...illustration); "Help me before I become a professional chess player"; "Grid goes the Word"; "I'd like to see WATMAN's head split in two"; "You can't fool us. We SAW WATMAN die. It's really you in the cape and tights, isn't it Frank?" (What a terrible, disgusting thing to say I mean, could you really picture me in tights?); "Great crossword, hope it's right. p.s. Save the seals!"; "Yes, we have no bananas"; "NO"; "Wackita, Wackita, Wackita"; "Quelle belle farce"; "Thanks for great fun for many years esp. during CS360"; "The guy sure looks like plant food to me!"; "Starting term off right!"

Since I think you people have said every possible thing in the comments, I will not try to be silly, weird, strange, demented, psychotic, crazy, mad, insane, imbecilic, asinine, or least of all obnoxious in my closing remarks.