MATT THE CO-OP MATHIE

MATT THE TIME-LAPSE MATHIE

MATT THE PISSED OFF MATHIE

THREE WEEKS LATER...

EIGHT WEEKS LATER...
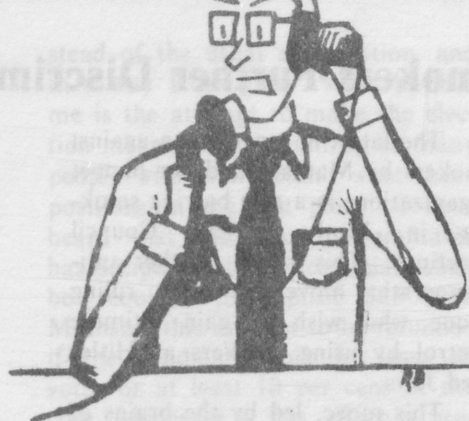
"... SMALL, GROWING NORTHERN ONTARIO COMPANY REQUIRES TALENTED STUDENT FOR AN IMPORTANT POSITION IN THE FIRM..." LOOKS KINDA NEAT...

WELL, FANS, LOOKS LIKE I'M KAPUSKASING BOUND...

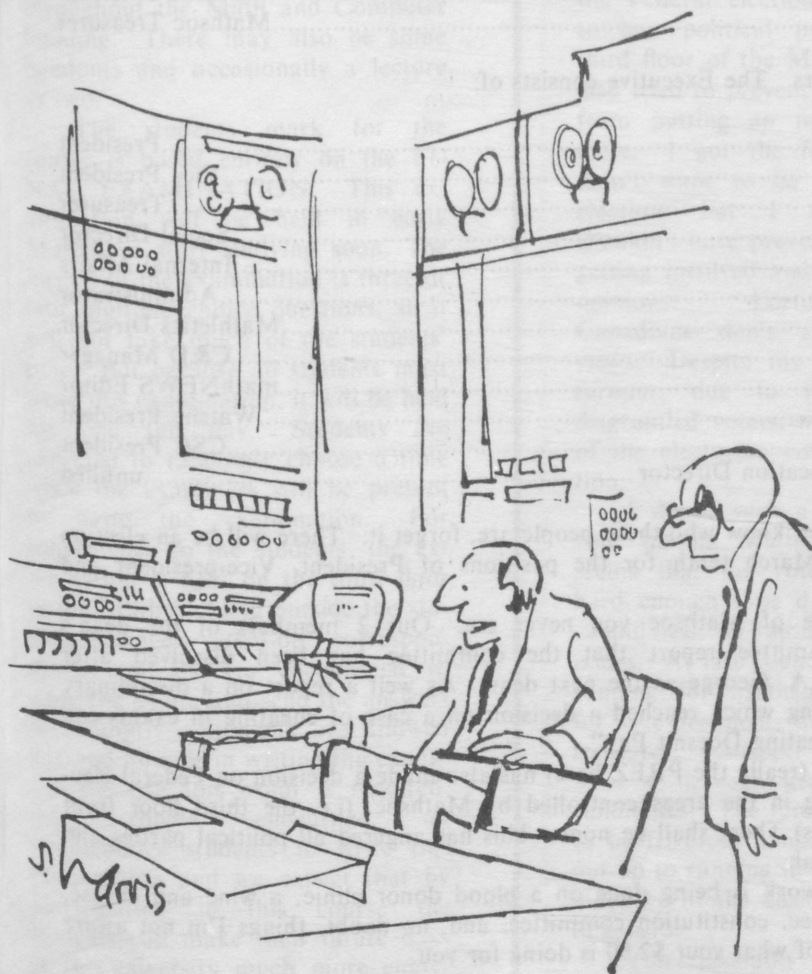YES, DAMMIT, I _AM_ SURPRISED! HOW MANY PRESIDENTS DO _YOU_ KNOW THAT MAKE $75 A _WEEK_?!

So you were born on February 29th, huh? MUTANT!!

the math NEWS files

LES ÉLECTIONS MATHSOC SPÉ-CIAL

Volume 22, Number 3
Friday, February 29, 1980

"What I especially like about this baby is this little drawer where I can keep my lunch."

S. Harris

Smokers Further Discriminated Against

Arisen from the Ed...

The latest in a campaign against smokers by Mathsoc and her puppet organizations is a rule barring smoking in Math Society Council Meetings. This is just another anti-democratic move by that ruling clique who wish to gain ultimate control by using smokers as Hitler used Jews.

This move, led by the brains of the clique, Ted 'Mr. Congeniality' Macneil with the aid of his best friend, Geoff 'Old Calmness Himself' Hains, caught the few smoking members of council in mid-puff. Their complaints fell on the deaf ears of the speaker who, co-incidentally, is President Greg 'The Cossack' Bezoff.

Now that this clique has discouraged the only opposition they have, they can bring the budgets before a council completely controlled by the terrible trio. This budget was supposed to be discussed at the last meeting but Treasurer Drew 'Money, that's what I want' Post conveniently forgot it.

Similar things are taking place in all Mathsoc's controlled organizations. Watsfic, led by puppet president Dean 'Yes, Greg' Edmonds, has passed a similar regulation even though they meet in a room where smoking is perfectly allowable. C&D operates in the non-smoking lounge (more Mathsoc segregation) in order to discourage smokers from working there in an attempt to keep them poor. Incidentally, C&D is controlled by Manager Karen 'Teddy Dear' Mac-Neil and assistant manager Greg 'The Horrible' Bezoff. The third bastion of clique control is the CSC. Though they do a good job of pretending to be separate, they, too, are united under the NO-SMOKING banner. President Kevin 'No Burloafs' Martin dances to Mathsoc's tune as played by those fiends MacNeil, Bezoff and Hains.

So, I call out to you:
Don't stand for this!
Demand your rights!!
FLICK YOUR BICS AND PUFF P<>
IRWRITER
Sorry IR, but we are also in this clique!!

Report from Mathsoc

I suppose some of you may be interested in what's occurring in that strange office on the third floor that you are all constantly being told you should visit. Well, here is a quick rundown of some of the major events that have occurred in recent weeks, so you can see just what is happening to that $2.50, since it is now too late to retrieve it.

Mathematics Society Council consists of about 29 seats, thirteen of which are off-term. Of the remaining 16 seats, 12 are filled, which makes quorum for a meeting 6 people. Quorum has been obtained 2 of the 4 times an attempt has been made to hold a meeting. Council consists of:

Frank MacDougall	1st year reg.
Dave Nighswander	1st year co-op
Walter Steinemann	2nd year co-op
Stan Mikoluk	2nd year co-op
Ted MacNeil	3rd year reg.
Kathy Kropp	3rd year reg.
Ken Dykes	3rd year reg.
Rob Collins	3rd year co-op
Gillian Teichert	4th year reg.
Al Freiter	4th year reg.
Greg Bezoff	Mathsoc President
Drew Post	Mathsoc Treasurer

as voting members. The Executive consists of:

Greg Bezoff	President
Val Carr	Vice President
Drew Post	Treasurer
Ken Dykes	Social Director
Al Freiter	Internal Affairs
Kate Cross	Administrator
Stan Mikoluk	Mathletics Director
Karen MacNeil	C&D Manager
Rob Collins	mathNEWS Editor
Dean Edmonds	Watsfic President
Kevin Martin	CSC President
Speaker and Education Director	unfilled

Now that you know who these people are, forget it. There will be an election coming up on March tenth for the positions of President, Vice-president and Treasurer.

Now, a side of Mathsoc you never see. Our 2 members of the dean's nominating committee report that the committee has been dissolved after recommending J.A. George as the next dean. As well a report on a disciplinary committee meeting which reached a decision on a case of cheating in exams can be found in "Cheating Doesn't Pay".

The Society (really the PREZ here) has also made a decision on Federal election campaigning in the areas controlled by Mathsoc. (i.e. the third floor front foyer and lounges) There shall be none. This has angered all political parties and caused a lot of flak.

At present work is being done on a blood donor clinic, a wine and cheese, election committee, constitution committee, and, no doubt, things I'm not aware of. This is part of what your $2.50 is doing for you.

Rob Collins

ATTENTION MA100

Notice to all students registered in the faculty of Mathematics: Upon registering in the faculty of Mathematics, all students are registered in the course MA100. This course entitled, **"Political Awareness for Mathematics Students"**, is a non-credit course and as such does not appear on the students' schedule.

This course is a very unusual course in that it is only offered in the winter term and all students MUST take it. Co-op students who are off campus during the winter term must take the course by correspondence. Because this course does not begin at the beginning of the term you will not find it in the master timetable either. The very nature of this course is also unusual. The course will only last for a few weeks and the course content varies from term to term. Most of the information for this course will be posted on walls throughout the Math and Computer building. There may also be some handouts and occasionally a lecture or two.

The students mark for the course is based entirely on the FINAL EXAMINATION. This examination will be held in early March, so start studying soon. The format of the examination is three or four multiple choice questions, so it will not take much of the students' time. But because all students must write this examination, it will be held for one full day. Students are expected to randomly choose a time when the examiners will be present to write the examination. For convenience to the students, the examination is held on the third floor of the Math building outside the student lounges. (Co-op correspondence students are encouraged to write the exam, and send the answers in promptly.) Students are allowed any and all aids in writing the exam.

Because this exam is required, we strongly encourage all mathematics students to write this examination and we expect that by participating in this course the students can make their future days at the university much more enjoyable and successful.

deviate

Interaction

Interaction returns with some comments on the Federal election and the Mathsoc election.

I was rather surprised that Trudeau came back with a majority. I expected him to win, but I expected that the dissatisfaction with both Trudeau and Clark and the increased support for Broadbent would prevent a majority government. However the Liberal sweep in the east was of such a great magnitude that they didn't need those western seats that they didn't get. While I was generally pleased at the election results (except for the Waterloo riding, which is more conservative than I thought, since McLean bucked the national trend), I was disappointed at the geographical distribution of seats. I think this election gives a good argument for the idea of distributing some of the seats on the basis of the parties' popular vote.

I must say that I was somewhat disturbed by Mathsoc's attitude to the Federal election. They decided to ban political posters from the third floor of the Math building and also tried to prevent a political party from putting an information table there. I got the feeling that they didn't want to be involved in the election, but I feel that they shouldn't have prevented others from getting involved and expressing their opinions. Fortunately most Canadians don't share Mathsoc's views. Despite my fears of a low turnout, due to the winter and disgruntled voters, nearly 70 percent of the electorate voted in this election.

I doubt such a percentage will vote in the Mathsoc election. It seems that the voters will have a hard enough time distinguishing the candidates, let alone find out the issues. At last count 14 people were running for Mathsoc president, 12 for vice-president, and 12 more for treasurer. I suspect that only about 3 or 4 in each group are serious candidates. The remainder I suspect to be frivolous candidates who were put up to running in order to make a mockery of the election or Mathsoc in general.

You probably think that I should be glad considering that an election is happening in Mathsoc instead of the usual acclamation, and in a way I am glad. What bothers me is the attempt to make the election meaningless by running so many people who really didn't want those positions in the first place. I have heard that the election committee has decided that each candidate shall be required to deposit $25 with Mathsoc, this amount to be refunded if the candidate polls at least 50 votes or at least 10 per cent of the vote, whichever is less. Such a procedure should discourage the frivolous candidates and also provide enough money for Mathsoc to conduct a mail-out to off-term students. While I agree with the rule, as I feel that any serious candidate should be able to raise $25 and get 50 votes, I am somewhat disturbed that it was instituted after nominations closed, as it may be seen as changing the rules after the game (an appropriate word in this case) started. However as a former electoral officer, I can appreciate the dilemma that the election committee finds itself in. Perhaps this rule would not be necessary if the frivolous candidates would do the honourable thing and withdraw from the election. Of course it is the right of even the most silly candidate to run in an election and one cannot stop these people from running, but with that right to run also come the responsibilities of a candidate and measures should be taken that these candidates fulfill those responsibilities.

Before I wrote this column I was asked by one of the candidates whether I was going to endorse anyone in this election as had been my practice in previous campus elections. I don't think I could do that, because I really don't know very many of the candidates or for that matter who they are and what platforms they are running on. In an election like this with so many candidates, if I endorsed one, to be fair I'd probably have to endorse them all. This is one election I want to stay as far away from as possible. This does not mean I am discouraging you from voting. Please vote, even if you have to spoil your ballot. It is important that you take your right to vote seriously.

J.J. Long

Dean's Honours List

In recognition of outstanding academic achievement during the Fall term, the following students have made the **Dean's Honours List** (Fall/79):

Michael H. ALBERT
Catherine E. ANDREW
Nancy J. ARNOLD
James S. BARBER
Gregory N. BIER
William L. BRIERLEY
W. Ross BROWN
Jeff R. BRUBACHER
Peter J. BUMBULIS
Ian R. COATS
James R. COLVIN
Joan L. COULTER
Mark N. CULP
Steve R. CZAPOR
Terry A. DALKE
Billie EADIE
Wayne M. EBERLY
B. Mark EDELSON
Phillip D. ELLIOT
Eugene L. FIUME
Chi-Ki T. FUNG
Bradd T. HART
William D. HENSHAW
Ralph D. HILL
Christine JONES
Paul J. LATIMER
Geoffrey K. LOKER
Ben W. LUTEK
Wing T.A. MA
Harold J. MANTEL
Lynn S. MARSHALL
Kenneth B. MARTIN
Stephen R. MAULSBY
Geoffrey MESS
Daniel J. MORRISON
Andrew J. MORTON
Duncan J. MURDOCH

William J. NELSON
Flora Y.P. NG
Craig R. NICHOLS
Alan M. OIEN
Art B. OWEN
Julia L. PAKALNS
George W. PATRICK
Laura A. PETTS
Geoffrey E. PHILLIPS
John A. PLAICE
Andrew J. QUICK
Mark W. RANDELL
Bill RIDDICK
Alan K. RYDER
Rosemary P. SANDS
Gerald F. SCHNURR
Curtis J. SETCHELL
Llewellyn A. SHEPHERDSON
John P. SIDWELL
Gaile L. SIMMONS
Gordon J. SINNAMON
David G. SMITH
Michael J. STEPHENSON
Terry M. STEPIEN
Sharon L. STOCKWELL
Joseph F. TALARICO
Man F.E. TAM
David W. TILL
Matthew A. VALERIOTE
Peter D. WALKER
Diane M. WATSON
Andrew J. WHITE
Gordon E. WILLMOT
Puiwing WONG
Douglas R. WYMAN
David P. YACH

Job Search Workshops

This winter the Department of Co-ordination & Placement will offer Job Search Workshops for students who will be looking for a job after graduation but are not sure how to look, where to look, or even what to look for. One workshop, consisting of three noon-hour sessions will be offered once each month. January through March (dates in Caledar of Events). Each one will discuss aspects of an effictive job search including examining personal skills, interests and work values; career and occupational awareness; locating job vacancies; letter and resume writing; and taking an interview. Participants in the work shops should be able to approach the job market better prepared and confident, and as a result find suitable employment much sooner.

Faculty Notes

1. Co-op openings: Regular Math students interested in transferring to a Co-op Math Programme should pick up an information sheet outlining the possibilities from the Math Undergrad Office (MC 5115). Applications for a Spring/80 work term must be in by Feb. 20th. Applications for a Fall/80 work term must be in by May 15th.

2. The April/80 *preliminary* exam timetable will be posted outside the Registrar's Office in Needles Hall and on the third floor bulletin board. Conflicts must be reported quickly to the Registrar's Office.

3. Fall/80 - Winter/81 pre-registration will be held during the week of March 3 to 7/80... more details later.

WANTED:

A *girl* to live in a beautiful, *fully* furnished house with a huge back yard this summer. For oodles of information, phone 744-2647.

One (1) Mathsoc president. Must come complete with executive. Must know which way's up. Phone ext. 2324.

To Rob, Geoff, and Greg: Thank you for the delightful surprise on my birthday. Your thoughtfulness is much appreciated. Thanks again.

Verna

Summer Jobs

There are more summer job opportunities available than most students realize. Summer job notices are posted on the bulletin boards on the 1st floor of Needles Hall. Application forms and information on overseas summer positons are available at the Career Information Centre, also located on the 1st floor of Needles Hall.

The above article was stolen from Career News.
They also have an interesting piece entitled 'A Degree is not Enough' (but I was too lazy to type it in).

TERI: Jan is dying to see you at this very moment....!

Mathsocists Bludgeoned

The Mathsocists broomball team was physically beaten in broomball action last Wednesday by the Old Bastards. The Old Bastards' squad was composed of players from their own team augmented with several players from another team. Several of the Old Bastards team did not show up as they were too intoxicated to play, and of those Old Bastards who did show up, most of them were also under the influence.

Rover Geoff Hains missed a glorious scoring opportunity early in the game when he failed to convert a breakaway into a goal. At this point the Old Bastards started to check the Mathsocists closely (checking is not allowed in this game). At one point, Math defenceman Mike Robinson was tackled behind his own net and no more than two minutes later, Math rover Geoff Hains, who was quickly breaking away from the Old Bastards, was viciously tripped by the Old Bastards with such force that he had to be helped off the ice. Contrary to the usual practice, the Old Bastards directed many shots towards the Math goal while the Math players were helping the injured player off the ice.

Math's only goal was scored by Brian Hicks with assists going to Greg Bezoff and Ross Brown. Math's captain Greg Bezoff has talked to the Director of Intramurals, Peter Hopkins, about the unsafe practices of the Old Bastards team.

We're Sorry

Unfortunately, the man (and I use the term loosely) we had write the broomball article last week isn't very bright and hence made a few errors. The team played was not the OLD BASTARDS, it was the BAG-BITERS. (such nice names) Also Dave Dannenberg should have been John Dannenberg. We hope to have the trained monkey back next week and this should cut down on the errors.

EDITORIAL

As you probably can tell from the rest of this issue, there is a Mathsoc election coming up. This year the election turned up more than its share of childish idiots. Unlike in the past, it became apparent early that there would not be acclamations. It was refreshing to see some serious interest in Mathsoc.

Unfortunately, this air of euphoria didn't last long. Prabhakar Ragde, ex-mathNEWS editor, moving force behind the great ECLECTIA, decided that it would be funny if there were more candidates than voters in this election. He picked up a number of nomination forms, filled them with nominators and then proceeded to find people to put their names to the top of them. This led at one point to 14 candidates for president, 12 for vice-president, and 12 for treasurer. Of these only about 6 were seriously running for office.

I am amazed at the lack of intelligence and responsibility shown by people who would sign a nomination form before they knew who they were nominating. It causes one to wonder how people like this can get into an institute of higher learning. The main problem these people caused is that it would have cost twice as much money as was budgeted for the election just to send out the mail-out ballots. Hence, the election committee decided that a $25.00 bond of good faith would be required from each candidate which would be returned to him if he

received 50 votes or 10% of the votes cast, whichever was the least. Since each candidate has 10 nominators it is merely a matter of these 11 people convincing 4 others each to vote for their candidate. This $25.00 served 2 purposes. It would weed out the people who are not serious, and by their stupidity, hurting other candidates and costing everyone in Math money. If everyone still decided to run, then those who were not serious, and not likely to work to get votes, would not receive their money back and this would pay the extra cost of their little jokes instead of you and I paying for it.

What this eventually caused was the field to be narrowed down to 2 people running for president, 2 for vice-president, and Drew Post being acclaimed as treasurer. Mr. Ragde and his puppets complained that we were breaking the law, in particular, the Ontario Corporate Laws. I find this very interesting since Mathsoc is not a corporation and these laws do not apply to us. The Federation of Students is a corporation but they do not control us and we are separate from them. They have given us no money (even though Fed councillor Mark D'Gabriel thinks they are our only source of funding) for the last 4 terms.

I'm sure we haven't heard the last of Prabhakar's crying. It would be appreciated if he'd stop his childishness and let Mathsoc get back to the job of running the society. If he really wants to help, there are about 5 people doing all the work around here; he can lend us a hand any time he wants to.

Math Hoopers Go Down the Dinasaur of the Chevron (sic)

The Math B basketball team was defeated by Mueller's Maulers on Sunday night, as their record dropped to 1-2. The game was tied with three minutes to go, before the Maulers hit some key hoops to eventually win by nine. *(ass ed: notice how he cunningly avoids disclos-* *ing the score...)* Highlights of the game included William leaping during the pre-game warmup. Team mascot B.B. Liem was not present, as he was watching Hawaii Five-O in Ottawa. Max was the high scorer for Math B and he also had some nice rejections on defence. Math B plays again this Sunday and Monday, needing a pair of victories to make the playoffs. Power forward Scott Winhold *(the white shadow)* says he will be practising in the PAC all week.

Young Frank Einstein

Young Frank Einstein is on vacation this week, and so we present for your reading pleasure a contribution by Ben Lutek, the limerick man. Happy slogging.

"Your" fog index system has some interesting ramifications if it is applied to mathematical expressions. For example (formula stolen from *Mathematical Methods in Risk Theory*, by Buhlmann):

$$\int e^{\theta t [\chi_t(u) - 1]} dU(\theta) = \sum_{k=0}^{\infty} (\chi_t(u))^k \int \frac{(\theta t)^k}{k!} e^{-\theta t} dU(\theta)$$

As I see it, this simple little expression may be written:

> *The indefinite integral of e to the theta t times quantity chi sub t of u minus one, d U of theta, is equal to the sum from k equals zero to infinity of chi sub t of u all to the power k, times indefinite integral of theta t to the k e to the minus theta t, divided by k factorial, d U of theta.*

Number of sentences 1
Number of words 67
Number of words with 3 or more syllables 8

Average sentence length 67
Percentage of words with 3 or more syllables 12
Total 89

Thus the fog index here is about 35.6. But notice how little one has advanced from the stage of knowing simple mathematical expectation:

$$E(W) = \sum_{\omega = 0}^{\infty} \omega P(W = \omega)$$

This reads as:

> *The expectation of capital W is equivalent to the summation for omega taking on values from zero to infinity, of omega multiplied by the probability that capital W equals omega.*

Number of sentences 1
Number of words 31
Number of words with 3 or more syllables 13

Average sentence length 31
Percentage of words with 3 or more syllables 42
Total 73

Thus the fog index is about 29.2, a mere few units (years) lower than that of the first example!

The next time you feel you are completely lost during a lecture, perhaps because of a missed formula, try investigating the fogginess of your notes; you may not be as dense as you think!

There exists another fog-type rating system, known as the Flesch score, which is widely used for rating the readability of legal contracts, etc. See *Journal of Applied Psychology*, Vol. 32, No. 3 (June, 1948), p. 221.
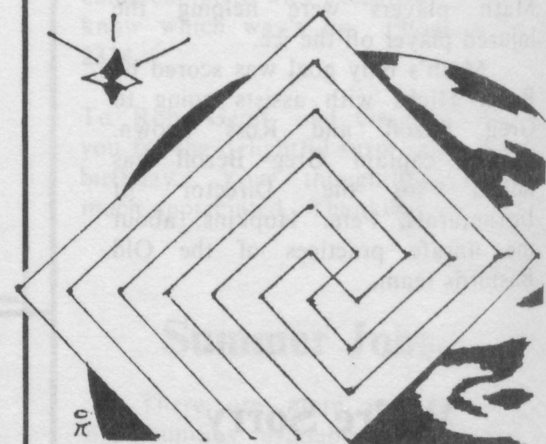
Cheating Doesn't Pay

Last term, one student decided to allow someone else to write his final exams for him. By doing this, he was able to obtain the marks necessary to pass the course. Unfortunately, for him, one prof was able to discern that it was not his student who had actually written the paper. This was reported and earlier this term there was a meeting of the disciplinary committee of faculty council to consider the case.

The committee consisted of six professors, an associate dean, and two Math Society representatives. The committee considered the case of said student and decided upon a lenient punishment. The student received 0 in the two courses and has been suspended until the fall term, 1980.

The fact that this is being reported in mathNEWS should indicate to you that this method is not a very good risk. So, if you must cheat, you will have to come up with a much better way than this.

rfcollins

FRIDAY	SATURDAY	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY
29 BROOMBALL MOSES SPRINGER 2:00 pm	**1** ST. DAVID'S DAY... WATSFIC DIPLOMACY TOURNAMENT DAY 2	**2** WATSFIC DIPLOMACY TOURNAMENT DAY 1	**3** mathNEWS PRODUCTION NIGHT... MAYBE. COME OUT & HELP	**4** WATSFIC MEETING MC 5158 7:30 pm	**5** WATSFIC MEETING MC 5158 7:30 pm	**6**
7 MATH B INDOOR SOCCER 3:45 pm	**8** WATSFIC AERIAL DUNGEONS & DRAGONS TOURNAMENT DAY 1 (tentative)	**9** WATSFIC AERIAL DUNGEONS & DRAGONS TOURNAMENT DAY n + 1	**10** MATHSOC ELECTIONS	**11** WATSFIC MEETING MC 5158 7:30 pm mathNEWS? perhaps	**12**	**13** BLOOD DONOR CLINIC! WE NEED YOUR DONATION
14	**15** WATSFIC DUNGEONS & DRAGONS TOURNAMENT DAY 0	**16** WATSFIC DUNGEONS & DRAGONS TOURNAMENT DAY ∞	**17** ST. PADDY'S...	**18** mathNEWS PRODUCTION NIGHT (perhaps), MC 5158 7:30 PM	**19** WATSFIC MEETING MC 5158 7:30 PM	**20**
21	**22**	**23**	**24** CAMPUS DAY ...look cute.	**25** WATSFIC MEETING MC 5158 7:30 pm mathNEWS?..I dunno!	**26** Lectures End..... EXAMS LOOM...	**27**

platter spatter

Gary Numan:
The Pleasure Principle

I first heard this band on *Saturday Night Live* and I didn't think too much of them. I wondered why all those people could possibly applaud that acoustic assault that was invading my inner ears until I woke up at 6:30 this morning (thank you Dean and Joanne) and all I could think of was those inane songs. I knew at that moment that I was hooked on this guy.

All the songs on this album have a very strong synthesizer background to them. The vocals, well what can I say, they are different (but if you listen to the album a few times they become addictive) from what you might expect. I have been told that the lyrics well, ummm, suck but in my opinion they are unique in the fact that they make you think about their real meaning.

You will have to hear this album before you will know whether or not you will like this music (I do).

*Rating: ***1/2*

Moe Koffman:
Back to Bach

Moe Koffman is probably the finest Canadian jazz flautist but this album was not in his style. He should have stayed with being a JAZZ flautist not a semi-classical one. The album sounds nice but it is the grossest murdering of great Bach music since *Switched on Bach*.

I was totally offended by the bastardization of this great music so I shall keep this review short.

*Rating: ***

Pink Floyd:
The Wall

We don't need no education
We don't need no thought control
No dark sarcasm in the classroom
Teacher, leave them kids alone...

The newest of this group's undertakings, *The Wall*, is definitely one of the Floyd's best. Unlike many albums, this is extremely listenable on the first play.

The story which unfolds in this album is about a man who builds a wall around himself to shut out the outside world. Common lines throughout are "All in all you're just another brick in the wall,' which also implies the 'wall of life'. The wall builds continuously with terrific sound effects and superbly well thought out songs. Finally it is decided that the wall is the wrong way out and the trial is held. Verdict: "Tear down the wall."

After asking many of the mathies and people in the real world, it was agreed, even after hearing it only once or twice, that it is one of the best albums put out since disco was reburied. Technically the music is perfection, and items like the landing of helicopters are awe-inspiring. The vinyl, though, does not meet up with even the Mickey Mouse audiophile's expectations.

My opinion: Buy or get a copy of this two-record set. Undoubtedly, *The Wall* will follow its forefathers' footsteps, and remain, like *Dark Side of the Moon*, on the Top 200 for many years to come.

Sean A. Romenco
pseudo-student

Well, we gots to presents ya with something (seein's how that's what the title of this here article is), so let's see what we got.

Hmmm...uh huh...ha ha! <chortle>...oh yeah!...wow, what a pair of...

Yes we do have some things coming up and....what? You say you want to see what's happening? If you'd join the club you wouldn't have to read rags like this for cheap thrills, you could partake in the following great events:

March 1-2: Diplomacy Tournament. Pit your wits and diplomatic skills against others who, like you, want to control the world. Entry fee is only $1.

March 8-9: Aerial Dungeons and Dragons Tournament. Teams of 6 will take to the air in this strange new version of one of North America's most popular games. For only $1 you can get in on this great chance to have fun and get yourself killed at the same time.

March 15-16: Dungeons and Dragons Tournament: For those of you who were killed or confused by the previous weekend's events you get a chance to play standard D&D at its best. An all new tournament which is guaranteed to stretch your imagination and resourcefulness to their limits...and perhaps even beyond that!

For all the above whether you are a member or not you can sign up at the WATSFIC office in MC 3036, just one hall over from Mathsoc.

We'll also be holding a games day early in March but the date isn't quite set yet.

Depending on funding (doesn't everything!) we may be holding a movie night or two. If we can find some time in April which isn't overmuch filled with exams, we might give you a break and put on a few movies then.

So come on out to our meetings held alternate Tuesday and Wednesday nights at 7:30 in MC 5158. The next one will be held next Wednesday, February 20.

If you don't give us some feedback we'll go and schedule everything during your calculus exam and then you'll be screwed.

-jmjoiner (and son)

For all you hardcore (?) Matt the Mathie freaks, here are acpatel's weekly X-RAYED CAPSTANS.... brought to you by Brenz-O-Matic and BP Oil...
   (1) Hey, $50,000 a week! Looks like a good one...
   (2) Gee, funny hours...
   (3) Whaddaya mean, I gotta be female??????

NOTEPAD

*With slow, steady keystrokes the final war began.

I carefully inserted a piece of code to re-vector the timed interrupts and keep an eye on them. If anything came along that I didn't like I was going to know about it!

Fred responded by refusing to clear buffers on time, overflowing the stack and failing to keep up the time. I modified my program to handle the buffers and stack and the hell with the time. I could always use my watch.

Next I began work on a short little routine to dump Fred's housekeeping memory onto the video screen. These memory locations were the ones used by Fred in his microsecond to microsecond operation. They were as necessary to Fred as air is to us. Remove them or cover them up and Fred would smother.

Now these locations were being glowingly displayed on the upper half of Fred's screen where I could monitor his every move.

By way of anticlimax Fred made no move to stop me. He'd known all along something that I was just beginning to learn... that I was a human and he was a machine. Even though he might be able to do things faster or better than me, I was still in control of the plug. I had an ultimate authority over him which he would never have over me.

The totality of Fred's submission was unsettling. I had little heart for programming for the next two days.

When I finally did turn Fred on again, it was with some wariness. After all I'd degraded him pretty thoroughly. I wasn't sure if he'd forgive me or not.

I started out by loading in Star Trek and making a few moves. Fred objected to a couple and I immediately began to suspect subterfuge, but on closer inspection the errors turned out to be legitimate and easily corrected.

All in all Fred was behaving exactly as a micro should and I began to feel some embarrassment at my earlier suspicions. The war was over and I was the victor. Whoopie

During the succeeding weeks Fred and I grew to know each other better and after a while I noticed that we were beginning to mesh, co-operate, act as a single, integrated unit. (For those of you born before 1960: Our minds were grooving along the same track, man. Like, you know, I was in the same mellow sort of Karma as my hip electron brother. Peace man.)

Having become so familiar with Fred's moods, I took immediate notice when, one day, his actions began to grow lethargic, erratic. Whenever I depressed a key on his tape unit the screen would go crazy and the whole machine would suddenly reset. Needless to say I was perturbed, but, knowing SFA about hardware, I decided to leave the problem alone and let it fix itself. Imagine my surprise when one day it wouldn't even turn on!!
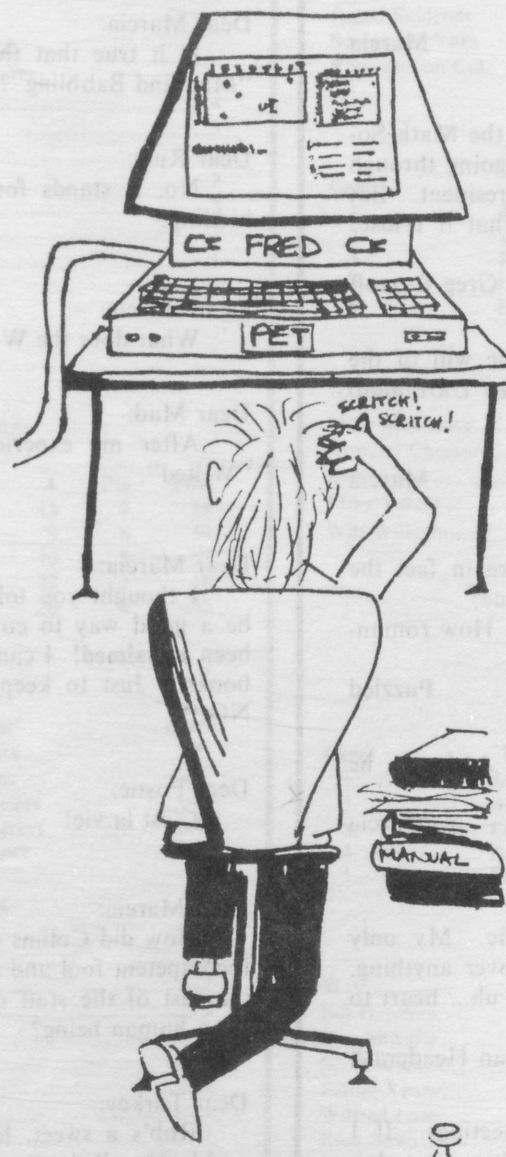
NOTEPAD

Actually I wasn't terribly surprised. Edmonds' 1st Theorem states that anyone who can quote all of Murphy's laws from memory isn't surprised by anything. (Edmonds' 2nd Theorem states that those same people have a tendency to be morose, morbid, pathetic, and attempt suicide with dull hairbrushes.) I was however upset... and worried. It was a Sunday and Eaton's was closed. Mind you I didn't have a lot of confidence in their abilities anyway. After all, the saleslady didn't even know what a PET was until I told her it was a large white calculator with a TV glued to the top!

With this in mind I picked up a screwdriver and sought out Fred's retaining bolts.

The top half of Fred was neatly hinged to swing up and back and back and back and... well trying to catch forty pounds (17.8 kg) of video housing with one hand is an experience which I don't care to repeat.

Fred's guts were a marvelous wonderland of little electronic goodies. I propped his lid up and flipped on the power once more. Fred powered up neatly and no amount of pounding on the damn tape unit would even faze him.

So, with a shrug, I carefully closed the hood... and Fred died. I opened it again and the screen buzzed to life. !#$%&""@@*!

With exasperating patience I finally traced down the problem. Commodore, in their finite wisdom, had positioned the power supply jack so that it rested directly beneath the rear housing of the tape unit. And to further add to the fun they surrounded the plastic housing with a nice safe metal shield which, when the lid closed, carefully formed electric connections between every pin on the plug.

After ripping off the shielding I closed Fred up and turned the power on. Everything worked fine! I proudly ran out to my brother and prattled on about my first successful foray into the hardware world.

Little did I know at the time just where that first innocent act would eventually lead.

-dthedmonds

mathNEWS proudly welcomes back...

The Marcia Mathie
Advice Column

For those of you who've never had the pleasure of meeting me before, je m'appelle Marcia Mathie, sex symbol and advice columnist. Any of you who have any problems (and let's admit, not everyone can be perfect like myself), just send your letters to userid mathnews on the Honeywell, or STICK IT (lustily!) in the grey box on the third floor. So let's get right into it (something I always like to do):

Dear Marcia:
    Help! My friends have found me out for the fool that I am. What can I do?

Probably Ragged

Dear Rags:
    Stop being a fool.

Marcia

Dear Marcia:
    I'm going to lose my job as President of the Math Society. In order to ease out of power without going through withdrawal, I've decided to become Vice President. But somebody's actually running against me! What if I lose? What'll I do? Excelsior!

Greg Buzzoff

Dear Mrs. Buzzoff:
    If you win the Vice Presidency, it is the will of the masses, and you will *(%@!!# off, you perverted Ukrainian)* be vindicated.
    If you lose, you're a dirty rotten egg.

Marcia

Dear Marcia:
    I hear from various sources that you are in fact the live-in mistress of Matt the Mathie. Is this true?
p.s. Does his face *really* only have one side? How romantic! <<swoon>>

Puzzled

Dear Puzzled:
    Matt and I have a simple relationship. And, yes, he does, it keeps him from being two-faced.

Marcia

Dear Marcia:
    As you know, I'm president of Watsfic. My only problem is that I can't get the club excited over anything. Do you think you could find it in your... er... uh... heart to help me?

Dean Headcrash

Dear Header:
    Maybe I'll show up at one of your meetings. If I can't get these SF freaks excited, then I'll ship your club out in pine boxes, free of charge.

Marcia

Dear Marcia:
    Who am I, anyway?

George Stevens

Dear No-Name:
    Why don't you ask the person who forged your signature?

Marcia

Dear Marcia:
    I was sitting at a terminal in 3018 the other night, waiting for my run to come back, when, completely out of the blue, I saw this message appear on the screen. It said something like,

!SEX (Y/N)?

    Now, I'm no fuddy-duddy, Marcia, but I thought that was a pretty fast come-on for a PDP-11. When I said no, it aborted my run, trashed my archives and 'revised' my password on me. If this is the way those 3031's work, then I'm not going to that IBM interview!

Hot Keys

Dear H.K.:
    Computers need love, too. The SEX subsystem is an undocumented feature on Widjet; I explored it once, and found it very interesting.

Marcia

Dear Marcia:
    Is it true that the MAB in MAB Garstin stands for "Mad and Babbling"?

Russ Green

Dear Russ:
    No, it stands for "Masturbates Awfully Badly". No kidding!

Marcia

Dear Marcia:
    What does the W stand for in W. Ross Brown?

Mad Carson

Dear Mad:
    After my experiences with Ross, I believe it to be "Wilted".

Marcia

Dear Marcia:
    I thought you told me that if I ran for treasurer, it'd be a good way to cover up my embezzlement. Now I've been **acclaimed!** I can't stand twelve more months of those books!! Just to keep you in furs, jewels and other guys! NO!!!!

Deaf-As-A-Post

Dear Postie:
    C'est la vie!

Marcia

Dear Marcia:
    How did Collins ever get to be editor? The man is an incompetent fool and should be thrown out. Can't you and the rest of the staff do something about this poor excuse for a human being?

Mark D'G bbler

Dear Turkey:
    Rob's a sweet, loving guy, a little foolish, but sweet and loving all the same. Go back to the *Imprint* office and stick your head in your phototypesetter.

Marcia

'A' Hockey

A1 League: Final Standings

Team	GP	W	L	T	F	A	Pts	PiM
Opt. Flying E	5	4	1	0	17	4	8	52
Math A	5	2	2	1	15	10	5	12
Engineering	5	2	2	1	10	8	5	25
Wrecking Crew	5	2	3	0	10	11	4	30
4B Chem. Eng.	5	1	3	1	7	14	3	26

Playoff Teams: Standings

Team	GP	W	L	T	F	A	Pts	PiM
Co-op	5	4	1	0	23	8	8	62
Opt. Flying E	5	4	1	0	17	4	8	52
St. Jerome's	5	3	0	2	16	8	8	61
Science	5	3	2	0	10	7	6	14
Math A	5	2	2	1	15	10	5	12
Engineering	5	2	2	1	10	8	5	25

Game Record

Game	Date	Opponent	Score
1	Jan. 27	4B Chem. Eng.	2-0
2	Feb. 3	Engineering	4-4
3	Feb. 10	Opt. Flying E	0-2
4	Feb. 19	Wrecking Crew	1-2
5	Feb. 22	Wizards	8-2

Individual Goal Scoring

Frank Gifford	4
John Ballint	3
Grant Dussiaume	2
Ron Evanoff	2
Mark Mahonen	2
Richard Latour	1
Duncan Sharp	1

'B' Hockey

B4 League: Final Standings

Team	GP	W	L	T	F	A	Pts	PiM
Northstars	5	4	0	1	27	13	9	28
Wally Warriors	5	2	1	2	21	9	6	59
North Emperors	5	2	2	1	14	10	5	57
Math B	5	1	4	0	15	23	2	16
The Huns	5	0	5	0	3	26	0	35

Game Record

Game	Date	Opponent	Score
1	Jan. 18	Northstars	5-8
2	Jan. 25	The Huns	5-0
3	Feb. 1	Wally Warriors	1-8
4	Feb. 8	North Emperors	2-4
5	Feb. 18	Civil Defence	2-3

Individual Goal Scoring

Al Bett	2
Grant Dussiaume	2
Bruce Harris	2
?? Mackay	2
Mysterious #16	2
Mike Agostini	1
Steve Jones	1
Kevin Mulcahy	1
John Pyper	1
Mick Sarazen	1

Why is the masthead here? Because it isn't any-
where else. Time is 07:34, ass-ed ross brown is
just leaving, I just got back. Thanx today ;to
ross brown, david welbourn (who also just left),
jo-anne west (who isn't in any shape to leave(,
+ ken dykes (i don't know if he did anything but
he was here). otheres worth mentioning are jjlong,
dean (the headcrash) edmonds, drew post, mab gars-
tin, marcia mathie, irwriter, walt (who-what)
Steinemann, the Dean (for his honour list), geoff
Hains, Sean A. Romenco (who are you?), julie
joiner (+ that cute little tot running around
with her), greg bezoff, + zuki the wonder dog.
who'd if orget? -tough! marcia says write to me.
jo-anne says snore. i say HHHHHEEEEELLLLLPPPPP!!!!!

'B' Floor Hockey

B4 League: Standings, Feb. 26

Team	GP	W	L	T	F	A	Pts	PiM
Dead Ringers	5	3	1	1	25	14	7	46
St. Jerome's	5	3	1	1	21	18	7	47
Wally Warriors	4	2	0	2	16	8	6	76
Rabid Squirrels	5	3	2	0	16	16	6	37
Screaming Yaks	5	2	2	1	23	11	5	104
Resurrection Col.	4	0	4	0	3	26	0	62

Game Record

Game	Date	Opponent	Score
1	Jan. 28	Screaming Yaks	5-1
2	Feb. 4	Rabid Squirrels	8-3
3	Feb. 11	Resurrection Col.	6-1
4	Feb. 18	Wally Warriors	3-6
5	Feb. 25	St. Jerome's	3-3

Individual Goal Scoring

Mike McCleave	15
Armand Chiasson	7
Ron Sisson	1
Mike Turcot	1
Wilf Wilhelm	1

Basketball

Game Record

Game	Date	Opponent	Score
1	Jan. 27	Bad Knees Bears	26-18
2	Feb. 3	Opt. Eyeballers	37-40
3	Feb. 17	Mueller's Maulers	22-31
4	Feb. 24	Budleigh Robins	28-46
5	Feb. 25	East Fourcers	30-31

Individual Point Scoring

Max	39
Bill Henshaw	33
Tim Shwartz	27
Scott Winhold	20
Palmo Venneri	12
Wilfred Lam	6
Rich Sowa	2
Mr. Chouinard	2
Mr. Langbee	2

ACROSS

|	
1a	Exotic feathered bird (7)
1j	Winter prophet (6)
2a	Plaster in the spring (5)
2g	He fell back in the butter, before the Latin brute (4)
2l	Bob's diamond (4)
3a	Oil brand (5)
3g	Paper in a dream (4)
3l	Grin and Bear It kid (4)
4a	South Dakota (2)
4e	Hair got in the mattress (5)
4k	An exam (1,4)
5b	Generator (5)
5k	com ci com ca (4)
6a	Mice did this to clock (3,2)
6g	Latin for French (comb. form.) (5)
6m	Touch Down! (2)
7a	Ben or Tom (5)
7i	Intent on twisting (4)
7n	Letter (2)
8c	After "c" (2)
8f	Picture puzzle (5)
8l	Affirmative cheer (2)
9a	Wrote Tarzan (2)
9d	Had hit Italian record (5)
9k	Fey (5)
10h	After Florida (2)
10e	Trees in parrot's fjords (5)
10k	Belonging to a fiddler (5)
11b	Really Looney Spurious Example (4)
11g	Again (comb. form.) (2)
11j	Open to view (5)
12a	How to do the time warp (5)
12g	To speak profoundly (5)
12n	American Association (2)
13a	What the drain is plainly filled with (4)
13f	Place it here if sound sheet slips (4)
13k	Rips in Tenements (4)
14a	Northern Ireland (4)
14f	Prayer word (4)
14k	Lullaby aim (5)
15a	Jeopardy and Carnac give it first (6)
15i	Offensive to the sight (7)
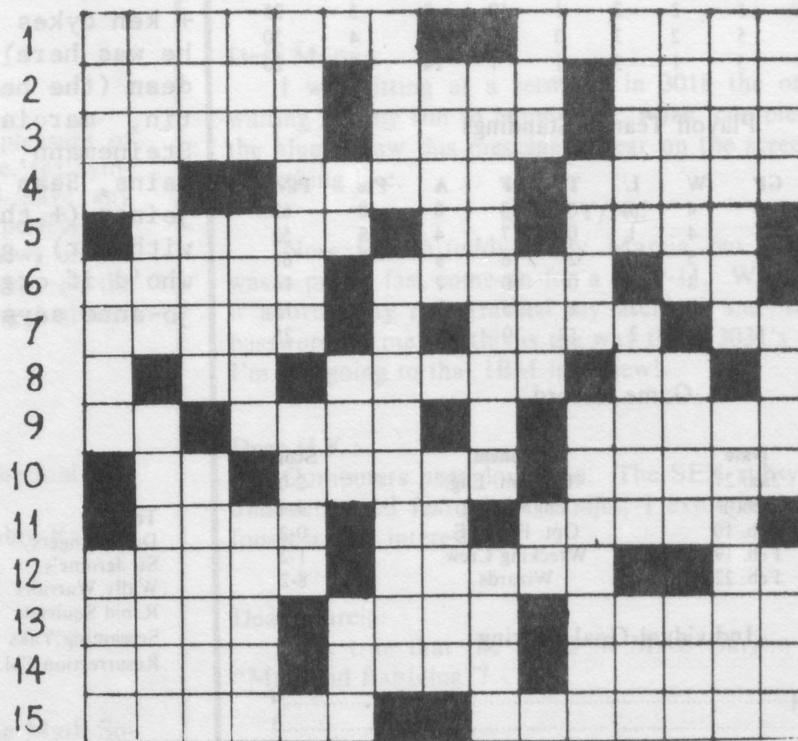
DOWN

a1	Work in an octopus (4)
a6	Gold plays it straight (4)
a12	Pie are squared (4)
b1	Logan was one (7)
b9	Found at BiWay (7)
c1	Three (comb. form.) (3)
c5	Not Enough (4)
c10	Jeans or Pens (6)
d1	Add "e" and Ben will convert it in just 5 min! (3)
d5	Dutch flower (5)
d11	Tendon (5)
e1	Atomic mutation (7)
e9	Ajar (4)
f4	Railroad (2)
f8	Really Puerile Item (3)
f13	Not before horse and fits to a "T" (3)
g1	On this spot (4)
g6	Fass waiting place (9)
h2	CS 180 module (5)
h10	Horror comic (5)
i2	Bud's fan club (9)
i12	Has a theory on dinosaurs (4)
j1	ie: Orbit (3)
j6	The French (3)
j11	Old Testament (2)
k4	Trigonometric debasement (4)
k9	f to the -1 (7)
l1	Light (comb. form.) (5)
l7	Trek character lost wife Nona (5)
l13	Superman's family (3)
m1	Politician's (ahem) claim (cough, cough) (6)
m8	Hockey's Bobby (1,3)
m13	New (comb. form.) (3)
n1	Part of a series (7)
n9	One who uses 4.5E10 forms (7)
o1	Gift God withheld according to Milton (4)
o6	Frank saw blue ones (4)
o12	O.E. snake? (4)

A B C D E F G H I J K L M N O

(grid, rows numbered 1–15)

Gridword

LAST CENTON'S
CIRCLEWORD
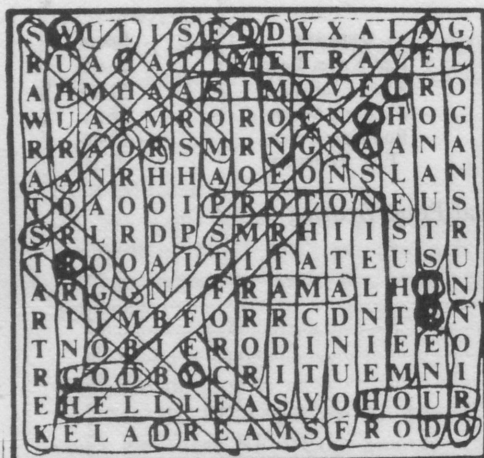
WIZARDRY

Tales from the Pit

10:19 am. Hmm, well I've been here for four minutes, managed to find a hanger for my coat, deposit my books in some safe place so no-one can find them and do my calculus for me, and find a place to sit down, unquestionably the most difficult of the above. Now what am I supposed to do for 56 minutes??? They said to come early, but this is ridiculous. Breakfast helped the butterflies in my stomach, but did nothing for my nerves. On top of my overnight case of laryngitis (you know, when your voice does funny things to your vocal chords), I now have to worry about possible food poisoning. I live in V2...

10:31 am. Now I know everything there is to know about Sperry Univac. I can stun my interviewer with all my knowledge of his company and computer systems (at least, all that was obtainable at the career library). But they didn't tell us in Math 000 that we wouldn't understand a thing we read about systems. After all, a term of COBOL isn't exactly universal experience. But, my great grade 13 marks will come to my rescue (hopefully he won't know the average grade 13 mark for coming here was 82%). I can tell him how brilliant and enthusiastic I am, how I find work invigorating, motivating, loving it with a passion. He'll probably think I'm a bookworm. Or a jerk.

10:47 am. Did you know that there are 357 pinholes in the far left bulletin board on the first floor of Needles Hall?

10:58 am. Gee whiz. I could have gone to half my calculus class after all, instead of falling asleep here. But then again, the chairs are more comfortable here. Sleeping in 2065 tends to give you a sore neck.

11:05 am. Oh no, I've forgotten my snappy comebacks for questions like what can you do for us, why did you want to work for us, what are your strong points, etc....

11:11 am. What! Was that my name? I should start listening, it's getting close. Hope I don't start yawning during this thing... then he'll see that my tongue is purple from all the cough syrup and lozenges... Time for the toothbrush!

11:45 am. One down, 32 more to go!

jlbw

Page Thirteen

Treasurer's Report

I am sure that you have always wondered how your fees were spent by the Math Society. This term's income will be approximately $5,000. This comes from two main sources: about $3,000 from Society fees, and $2,000 from a loan made to C+D last term, being paid back this term. Following is the proposed budget for Winter 1980.

1. $100 to Administration. This will go for new decks of cards, games, and office supplies, all of which can be used free of charge by Math students.

2. $50 to the Computer Science Club. This will help finance two or three speakers brought in by the CSC for anyone who cares to attend.

3. $300 to Internal Affairs. The major part of this will be going towards the election, e.g. all the mail-out ballots that have to be prepared.

4. $1,100 to mathNEWS.

5. $2,000 to Social. This money will be used for the following events: two Wine & Cheeses, a movie night, bridge tournament, Federation sponsorships, in co-operation with other societies; as well, any other activities that come up during the term.

6. $800 to Mathletics. Most of this money will be going to subsidize the Mathletics banquet, to be held sometime in March. Other parts go to registration fees for the various intramural Math teams, ice time, and a first aid kit that will be taken to games.

7. $100 to Antical.

8. $150 to Watsfic. To help sponsor a science fiction movie night, and improve their library of science fiction books that can be borrowed by members.

This will leave about $250 for miscellaneous emergencies which come up during the term.

Drew Post
Math Society Treasurer

Greg Bezoff for Vice President

Hi there. Remember me? I'm the clown that's been claiming to be Mathsoc President for the past year or so. So what am I doing running for Vice President instead of President, you ask? A good question, deserving of a good answer.

Of late, Mathsoc has grown stagnant. The same old people just keep on doing the same old things. Not that these things aren't worth doing. They are. But Mathsoc needs to expand its horizons, to offer more services to you, the math students. To this end Mathsoc needs a new leader, someone who will provide fresh new ideas as well as effective leadership. So I'm stepping down to make room for the new leader.

However, the president cannot be effective if he is continually being encumbered with a plethora of administrative details. I know from experience. The president must have a vice president fully conversant with all facets of the Math Society to shoulder the bulk of the administrative chores for him. This is where I come in. Over the past two years I have worked for the Math Society in the roles of President, Interim Treasurer, Social Director, Internal Affairs Director, Interim Education Director, Interim Speaker, Antical Coordinator, C+D Asst. Manager, and Interim mathNEWS Editor. I have represented the math students on the Mathematics Faculty Council, Curriculum Committee, Executive Committee, and Standings and Promotions Committee. I have worked closely with the staff, administration, and Math Faculty of the University of Waterloo, and I have many valuable connections therein. I know more about the affairs of the Math Society than any man alive and I can (and in fact have) run the Math Society singlehandedly over short periods of time. In short, I am the man with the experience, knowhow, and contacts that the Math Society needs if the new president is to have a fair chance to accomplish anything. Remember, on March 10th vote for the proven experience, vote for competent responsibility, vote Bezoff for Vice President.

your choices for PREZ

MAB who?

Now that you all are giving a sigh of relief and the majority of you, hopefully, are happy that the man you voted for is in parliament Mathsoc is going to plunge us all back into that scenerio of nerve-wracking, brow- sweating, nail-biting triviality of democratic election. Yes, it's true, as sure as death and taxes, it's Mathsoc's annual executive election, that time of year when the executive of the Mathematics Society sheds off its old skin and then puts it back on again.

Well this year I felt there had to be a change of things and that the best way that I could effectuate a change was to take over the "center-chair" myself and submit my name as a candidate for the office of presiding officer of the Society of Mathematics of the University of Waterloo (Mathsoc Pres.).

My name is MAB Garstin, I'm a 5C year student although the administration prefer to think of me as an almost 3A student. I'm a pseudo co-op student which means I'm really a regular student but that I have a deal going with a company who'll hire me on the same basis as a co-op student, so I get the advantages of the co-op work-term without having to make out work-term reports, taking interviews or paying the $90.00 co-op fees. I study computer science and border on the fringes of hackdom. My little baby is the 1710 processor which has helped me immensely in this campaign so far by providing the election banners which now clutter the doors, halls and windows of the math building.

But why am I jeopardizing my next year of classes to pursue something that I have really been an outsider to for the past 5 years?

I'm still trying to find a satisfactory answer to that question but the best that I've come up with so far is this. I bacame a Wats student back in '75 and at that time Mathsoc was

great! Like, I mean there were things happening, discos, Chine and Weese parties, film flick nights, all out warring battles with: ENGsoc, food services, security, TAs & profs, there were games, activities, everyone got involved, implicated or indicted some way or other. Now I don't mean that we storm the engi office on a monthly basis, get drunk on a weekly basis or set up bail for some Socists on a daily basis but I'd like to see some of the old spirit pumped back into the student body again, whether it be spoon fed or intravenously administered. It is something that we all need.

Because of my lack of experience in the Mathsoc executive I'd be very open to counsel and advice, I'd rely a lot on the executive for guidance that would render Mathsoc as a working team instead of a dictatorship.

I hope that you choose me to serve you but I salute the person that receives the greatest favor in the eyes of the students as the man most suited for the position.

So for a new layer of skin in the Mathsoc executive vote MAB on Mar. 10 for SOC president. New skin deserves a fair chance.

vote MAB

Ross Brown

What? Another election?! Awright, gimme the ballot... Who are these guys?...

Mathsoc elections are usually fairly obscure affairs. The last few presidents were acclaimed; in fact, they had to be talked into accepting the position. Yet this time around there were 14 candidates nominated for the position. It now appears that only two names will appear on the ballot, since the others did not come up with the deposit of $25. Even so, there will be a lot of people like the one in italics up there, utterly baffled by the choice of unknown quantities they are offered.

This problem is made worse by the traditional (and growing) apathy among students in this faculty. Even this year's Fed elections brought out less than one in four of you. If you want to have a voice in who throws

your money around for the next year or so, it is *particularly* important for you to read these summaries. It's probably the most you're going to hear from us during the campaign.

Aw, heck, they're all the same, "I'll do this, I'll do that..."

To be frank, that's a crock. The Mathsoc establishment is far too small and impotent to change the world like some guys seem to want to. So, what you want is *not* a visionary, but a realist, who can make the most of Mathsoc's human resources; that's where most of its potential lies. We don't have scads of money, but we *do* have a large number of students with the will to take on a range of projects. With this ability, we can create, if we really want to, a fun atmosphere like the one you upper-year students may recall.

This 'symbiosis' simply *cannot* be maintained under the thumb of a dictatorial prez; Mathsoc just don't work that way. The prez is one of the tribe, one who listens and suggests like any other. Greg Bezoff's term in office was not a bad one, but did not feature the kind of kinship necessary to unify the Society.

So, what about yourself? Enough moralizing.

Although I'm in 1A (co-op Computer Science), this is my fourth term spent on campus, having worked summers for the faculty in '78 and '79. And, it appears, through the graces of Needles Hall, that I'll be on campus continuously until this time next year. Last term, I was the editor of mathNEWS; this term, assistant editor. I am actively involved in the Warriors Band, the Mathsochists broomball team (whoopee) and the St. Paul's Tuck Shop, among others. And, of course, working for the man on the Honeywell.

I will be as loyal to my position as president as I have been to mathNEWS; I will continue to forward the spirit of co-operation within the Society; and above all I will act positively on any suggestion *you* have for its improvement.

Ross Brown