

CRO Speaks Out

The chevron affair is the biggest fiasco since the Arts Society President made off with the money. In the 6 years that I have been here, I have yet to see a good issue of the chevron. I am of the opinion, like many others are and were (before Shane Roberts was singled out), that it was necessary to shut down the Chevron because of a small group of people who effectively attempted to take over the paper for their own purposes. The only reason Shane was condemned by the Free Chevron staff is because he was in the position to effectively do something about the complaints that were presented to him during the summer of '76 by the societies. At a meeting with Neil Docherty and Adrian Rodway (news editor and editor respectively), three society presidents, representing their people, stated point blank that the Chevron was politically slanted and was turning off the campus to the paper. However, society presidents are in no position to handle this problem, yet when their proper representative does do something, it becomes his fault alone, a sole vendetta and persecution. In case you didn't know, society presidents are non-voting members on federation council thus

giving the societies a direct link to the federation. Therefore any direction a federation president receives from the society presidents at a Committee of Presidents meeting, has the full weight of the society and its members behind this directive. Add to this the opinions of the federation council and you'll find that Shane was not alone in his effort to restore the paper to the students. Against these odds and unable to get what they wanted they took what they wanted, shutting out those who opposed them. Their claim is that they truly represent all of the students and their basic rights to the freedom of the press. Hogwash!! Each society has the money to publish any material important to their students. A vehicle exists for the distribution of information and not by a renegade staff of misfits who see themselves as the only ones capable of representing us (all 15,000). This possibility surprises me since not that many people worry about a president or council (via elections) that will handle \$500,000 of their collective money. Indeed at most 4,000 concerned students have taken any effort to voice their opinions. How in all this did these potential leaders get a mandate to represent us or act on our behalf? I don't seem to remember a time when the student body was asked whether the chevron was a worthwhile organization

to save. Through thick or thin, lawsuits and degradation; they did it on their own behalf, for their own benefit. What then of this madness that the big, bad federation (most acclaimed) was giving them an unjust thumb; a Caesar in progress, without due process. Let us not mention the facts that the federation owned the paper to the tune of a very large subsidy (1974 budget \$92,531); that the editor was responsible for what went into the paper, not the entire staff as it became in practice and that the federation controlled the space in which the chevron was operating, not the chevron. Within the federation the paper was answerable to the Board of Publications. When the decision was made to close the paper both the Chairman of the Board of Publications and himself had resigned, the two people totally responsible for the operating of the paper. The federation had every right to close the chevron based on its very existence. Then there was the complaint that the action was too hasty. What is a reasonable waiting period before one closes a paper? Try to convince me that because two non-students lost their jobs and a group of people no longer had a tool to propagate their politics, this is not the reason why these outcasts still occupy federation offices and

...continued on page 992

Monday, March 14, 1977.

Issue XIII,6

math NEWS

HOT NEWS

This is a slightly late report on the fires which occurred in the math building last month.

On Monday, February 14 a fire was started on the fifth floor. An applied math bulletin board was destroyed with damage occurring to the floor and ceiling. No damage occurred to the wall because of the protective concrete coating.

On Tuesday, February 15 papers on the HKLS bulletin boards on the 6th floor got torched. The wall and ceiling both suffered fire damage (as well as the bulletin boards).

The crimes still remain unsolved.

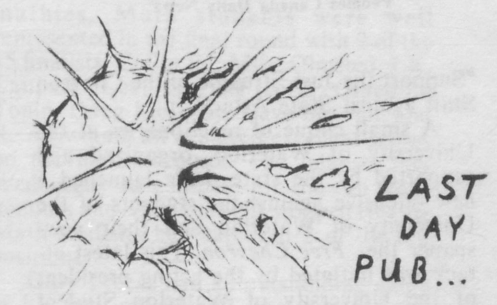
VOTE!

mathSoc Questionnaire

Mathsoc wants to know what you think. On March 15 we are asking all Math students to answer a questionnaire on various campus groups. We have been accused of going merrily on our way without asking Math students about anything. Of course you all know that you have reps (hopefully) on council; that they can be found in the office, mc3038 or they have a mail-box there and that Mathsoc meetings are open to everyone; so it is not as if you have no way to tell us what you think. Well now we are making sure we get to hear from you and you get a chance to approach us without meeting us face to face (probably one of the reasons you didn't come to see us). **Please take the time to fill out this questionnaire.** At the same time you are being asked to select a vice-president. If you are not voting, please feel free to answer the questionnaire. A blank ballot is accepted as a vote for neither candidate.

Gary Prudence
Chief Returning Officer

991



Students, Faculty and Staff. Come to the Last Day of Classes Buffet-Pub Wed. March 30, 12-4:30pm, in mc5136 (Faculty Lounge). For \$1.75 obtain a meal of roast beef and Virginia style ham, potato salad, cole slaw, bread and Various relish items. Along with the meal will be our good friends from bar services to supply refreshments (at their prices). For those of you who remember last December, there will definitely be booze at this bash. You better get there early though, we're only serving about 300 meals.

duping others into believing in their fictitious cause? What is the importance of the free chevron? What does this paper do for advancing the cause of students? Has it improved your knowledge of the campus, universities, your relationship with the government and a job prospect? These are important article topics yet most of the paper is devoted to attacking the federation. They claim to be protectors of truth and of student rights by exposing the fed hacks. How can they objectively report on the actions of the federation when they themselves refuse to accept the authority of this organization and already have an opinion against the federation? How can you expose something you are trying to bury? Capitalists and fascists is what they call us, so what are they doing here? Are any of them getting a degree? Will they use it to become poor or to become part of the rich who will pay for others to become rich with their degrees? If they're not getting a degree, why are they wasting the taxpayers' money by being here rather than being on unemployment or welfare? These are two ways to be part of the poor class. Better still, they could have done it all with a grade ten education. Yet maybe they are still here to convert us from our sinfull ways and if that is the case they would need an outlet for their platform or propaganda. Ladies and gentleman of this University I give you the Chevron and Free Chevron and I rest my case until part two of my article next week when I'll be answering back all this garbage about the elections.

Gary Prudence
Chief Returning Officer Feds

PCDN COMMENT

The following is quoted from
"Peoples Canada Daily News"

"Support the Just Struggle of the Chevron Staff against State Attacks"

A small clique of reactionaries at the University of Waterloo, organized and supported by the state, have launched a new offensive against the students of the University of Waterloo and their newspaper the *Free Chevron*. This latest attack was initiated by the acting president of the University of Waterloo Student Federation who has never been elected by the students, but who was appointed vice-president by the former president. The former president had been thrown out when 2,200 students voted for his recall because of these arrogant attacks against the University of Waterloo students and their newspaper the *Free Chevron*.

This clique of reactionaries has no support among the students and relies entirely upon the state for its support. On the morning of Monday, February 7, this clique ran off to get a writ of possession ordering the 40 members of the Chevron staff to get out of the offices of the *Free Chevron*. When these writs were served, the members of the *Chevron* staff tore them up in defiance. The clique of reactionaries immediately threatened to press

JJLong FED REPort

There have been various responses to the actions last week of Federation personnel who ejected some people producing an independent newspaper, from Federation offices. Supporters of the independent newspaper, which occupies the offices without the Federation's or University's permission, condemned the move and were glad to see the staffers of the paper regain the offices. A number of the other people were upset at the fact that they personally were not members of the eviction group. They were also upset with the fact that the eviction was short-lived.

It is unlikely that such an eviction move will be tried again. For an eviction to work a long-term counter-occupation of a large group of people is needed. Most students unlike some AIA and free chevron supporters are not quite fanatic enough. Apparently it seems Burt Matthews is not willing to live up with the Federation-UW agreement which guarantees the Federation easy access to its leased space. Apparently the free chevron will occupy the office until a further court decision is handed down. Actually I worry somewhat about this apparent breakdown in rationality. I wonder if I would have recourse to do anything if someone broke into my apartment and suddenly started operating a free research centre there.

The **Hack of the Week** is DAVE CONROY. I remember the once shy and unassuming Dave from his days back in Village II. Even at that time at the tender age of 17 he showed the ability that would lead him to be one of the true experts regarding Honeywell and UNIX on this campus. A student in Electrical Engineering and a part-time employee for the

MFCF, Dave has never taken a formal course in software, yet by sheer work and self-sacrifice has achieved his level of competence. He is one of the more interesting people at HTI tours with his musical knowledge rivalling that of the famous Randall Howard.

The first major mathSoc election in three years occurs next Tuesday. The candidates for Vice-President are Ken Lynch former Education Director, and Andy Mueller two time rep on Mathsoc council and former assistant manager. I know of no major policy differences between the two and there could have been a better candidate for the position. However I believe that you can make a decision based on what they have done and how they did it. Both have worked on Mathsoc activities with Andy perhaps doing a little more work. During his term as Education Director Ken Lynch was not present at many Mathsoc meetings and was unable to learn about the Faculty's move against the students until very late. I do feel that Andy Mueller did a credible job as assistant C&D manager in the summer. For these reasons I am supporting Andy Mueller, not as the best but as the better man for the job.

A few bits of real free advice:
to Ron Hipfner- congratulations on becoming federation VP. You will hopefully do more as VP than you did during the campaign (Risto really deserved to beat you).
to Kevin Willis- good luck with Mathsoc (and Rag).
to Doug Thompson- 'Get the bananas out of your ears'. Stop scrambling and listening to Neil and listen to the students for a change. It might help you be a better president.

contempt of court charges against the members of the *Chevron* staff. At 11:00 PM on Monday, February 7, one member of this clique went on a local radio programme to threaten the *Chevron* staff that the reactionaries will proceed with contempt of court charges.

The staff has waged a five-month struggle to defend the *Chevron* against these state attacks. Since September 25 there has been a 24 hour a day occupation of the *Chevron* offices. This struggle to defend the *Chevron* has won the warm support of the University of Waterloo students. The students have supported their newspaper because it defends their basic interests. It is for this same reason that the state is launching vicious attacks against the *Chevron* staff. The Canadian state is a U.S. imperialist dominated state which is attacking the vast majority of the Canadian people, including the youth and students of Canada. It blocks the youth of this country from all sides and spiritually and otherwise decimates them. The state singles out for attack anyone who stands up for the interests of any section of the masses of Canadian people.



CULTURAL EVENTS

A choral-orchestral concert featuring the Mozart Requiem will be performed March 11 in the Theatre of the Arts, University of Waterloo at 8 p.m. This concert, under the direction of Alfred Kunz will include the UW Concert Choir, the Little Symphony Orchestra and Concert Band. Soloists will be Margaret Hull, Jake Willms, Pat Pascoe and Kenneth Baker, all noted University and Community singers. The programme which will offer many varied selections along with the Requiem, will premiere a new Kunz composition entitled "Three Pieces for Clarinet and Strings."

Admission is \$2.50, students and seniors \$1.50. Tickets are available at the Main Box Office, Room 254, Modern Languages building, tel.885-4280.

DANCING

Last Chance Dinner & Dance is Environmental Studies Society's answer to this term's semi-formal. ESS is running this event and is sponsoring it along with Math, Arts, and Board of Entertainment. The date to remember is Sat. March 26 at Cedar Grove Lodge (maps at the office). Supper begins at 6pm and dancing at 8pm to the band sound of Charles St. Paul. The cost per person is \$6. Yes, singles are encouraged to attend. I mean you don't have to bring someone. However, if you do you're lucky. Tickets are now being sold at the office, mc3038 (no ticket or table reservations).

ELECTION STATEMENTS

andy & ken

The Mathematics Society is having elections on March 15 and this is your chance to decide who will represent you to this campus, in particular, this faculty. I feel I am the best qualified for this position due to my experience (a) with the society as a first then a second year rep on council (b) as a member of the Student Advisory Council to the Department of Co-ordinations and Placement this last year. The society represents you socially, culturally, in athletics, in the federation, on committees and in other societies. In striving for these goals, I need your co-operation. I will help you voice your opinions in all these areas. **VOTE FOR A SOCIETY THAT HAS YOU IN MIND, VOTE ANDY MUELLER, VICE-PRESIDENT.**

ELECTIONEERING

Art from the Bronze Age, from the Island of Crete ... artifacts from Parkhill, an ancient Indian site in southwestern Ontario ... weaving from West Africa ... artifacts from North America, Africa and the South Pacific ... all these make up new displays coming into the Art Gallery and the lobby display cases in the Modern Languages building in March.

In the Gallery from March 10 to April 3, new restoration drawings of Minoan frescoes, photographs and motifs, diagrams and a model of a decorated room will be on display. These are the work of Mark Cameron, Associate Professor of the department of Visual Arts, University of Western Ontario, who did post-graduate studies at the University of Athens and has done extensive archaeological field work in Greece.

In the Modern Languages building display cases, March 1 to 27, the UW Anthropology department has assembled interesting exhibits of peoples from other places and times. From Parkhill, a paleo-Indian site in southwestern Ontario, are artifacts and illustrations of an archaeological site occupied about 9000 years ago. This site was recently excavated by a UW Anthropology department project directed by Dr. Wm.B. Roosa.

The UW Arts Centre Gallery will have new hours for the display of Minoan Art: Monday to Friday 11.30 a.m. to 5 p.m.; Sundays from 2 p.m. to 5 p.m. The Modern Languages buildings is open from 8 a.m. to 10 p.m. weekdays, 2 p.m. to 5 p.m. on Sundays.

This year Math boasted the largest faculty on campus. It is hard to believe that all these students are doing nothing. You may think this is a rash and unjustified statement; quite the contrary. It is my observation that the same people are involved in the organization and participation of most of the activities that take place around here. This was not more evident to me than when I took the position of Education Director in September. I was very disgruntled at the fact that the students do not care what happens to them or what the powers that be, pass in the form of legislation governing their existence (until it's too late).

As vice-president I shall attempt to get the Math students involved in both Faculty and Mathsoc activities (if not involved, at least informed). I also need your co-operation and participation. Not only do I need your participation, you need your participation; or else get snowed under by bureaucracy. The choice is yours.

Kenneth Lynch

993

MATHLETICS

SPORTS???

Official Slide Report

Well Mathsoc's winter slide rule contest was a smashing success. The only problem was that the turnout was underwhelming. We had a total of two teams show up; Mathsoc and Stats Dept. Needless to say that the Stats team squeaked by the Mathsoc team by a score of 4 - 1 in a battle of the best of seven problems. The questions were said to be mindboggling as you will find out by asking any of the contestants.

Hopefully the turnout for the next Slide rule contest will be at least equal to n where $2 < n$ for all.

Pinball Sports

Top calibre pinball action was featured at the Campus Centre Games Room last week. The event was the second annual Pinball Tournament sponsored by the Campus Centre Board and organized through the efforts of the turnkeys. More than 50 students competed in the 2-game total point preliminary round on Monday and Tuesday with the top 15 advancing to the final round on Wednesday.

The tournament was open to all students but was dominated by the quick reflexes and fantastic flipper fingers of the mathies. Math students were well represented in the final round with 9 of the 15 finalists: Collin Eu, Mike Olmsted, J.K. Lau, B. Lee, Gary Freeze, Giacomo Tonin, Doug McInroy, Dave Boswell, and R. Adiwinata all achieved excellent scores on the new machines. The finalists met Wednesday to compete for the top three honours and when the bells stopped ringing Math students had captured 2 of the top positions.

Gary Freeze had an outstanding game in his final round and was awarded the trophy as Tournament Champion while Mike Olmsted received Fed Flick tickets for his third place finish. John Graham (ESS) collected the \$10 second place prize to prevent a Math sweep.

CRC Books?

BUY! BUY! BUY!

It has been suggested that the society purchase a large quantity of CRC books for your fun courses. If you would like to obtain a book come to the office and sign-up. The price will definitely be cheaper than what the book store sells them at. Contact G.P. at the office.

the return of the

BURLOAF

Mathsoc held their traditional slide rule contest last week, using two brand new six foot slide rules. Plans to update the competition by holding a calculator competition fell through after they couldn't get hold of any giant calculators.

The Ontario government doesn't like to waste opportunities to point out how generous it is to the voting public. One manifestation of this that you may have noticed recently are the signs on Kitchener Transit buses that say something to the effect of "This transit service is financially assisted by the government of Ontario". The boys at Queen's Park have also helped out Toronto's transit system, so TTC vehicles have to sport these signs. The government is rather picky, and the place the signs were to be put on the vehicles is the exact place where the TTC logos are. Now you might think that the government would have the signs placed elsewhere, but no, the signs could only go in the one designated spot, incurring a cost of several thousands of dollars in order to move the TTC logos.

The Chemistry department offers up-to-the-minute lectures dealing with important topics of interest to professors who are working at the frontiers of modern Chemistry. One such lecture recently was "What Happens to Danish Beer Profits".

This week we have a special report on Science Fiction.

There is a club organized on campus known as WATSFIC, which is short for Waterloo Science Fiction Club. The club's organization got together one night and hastily drew up a constitution and appointed each other to executive positions as required by clubs that are recognized by the federation of students. In this way, they became a club under the Feds, allowing them to acquire stash of cash. A little while later, WATSFIC more or less moved over to the Math building and became a club under Mathsoc. The first order of business was to get money from Mathsoc. (Normally there is a ceiling on how much money Mathsoc can give a club, but WATSFIC was able to get effectively 350% of that amount by arranging a forgivable loan).

But this doesn't represent the limit of WATSFIC's resourcefulness. The night WATSFIC showed their movie "No Blade of Grass", Coffee and Donuts had donuts left over, which they gave to WATSFIC for free, so WATSFIC decided to sell them at the movie. (WATSFIC was foiled by several of their own members who ate them all up during the dinner hour.) Add to this incidental revenue such as membership fees and subsidization for projects from various boards and you get the impression that WATSFIC must be economically a very viable venture.

This isn't so, however, because WATSFIC ingenuity is a double edged sword. Last year, WATSFIC held a convention, Oktoberkon. They managed to schedule it to fall on the Thanksgiving long weekend, assuring that the maximum number of people possible would be unable to attend, incurring a large loss of revenue. (I hear that WATSFIC is already working on a Decemberkon to be held on December 24, 25 and 26.)

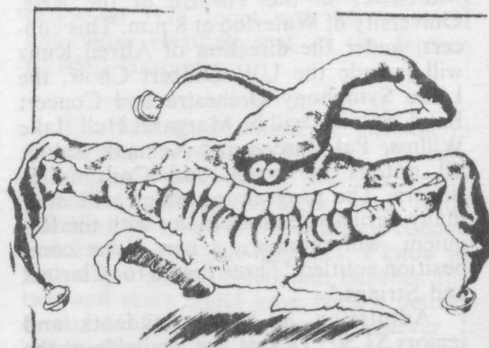
Consider No Blade of Grass: The move cost WATSFIC \$96 to rent. General admission for students was \$.75, and the two showings saw the 60 seat lecture hall full to capacity. (comment: and you thought the free chevron was inaccurate). Yet WATSFIC was still able to lose \$60 on the whole thing.

Another WATSFIC venture is it's magazine, or "fanzine", called Starsongs. As far as I can tell, WATSFIC gets a large number of these printed up when a new issue is ready. A few get sold and the vast majority get placed in a desk drawer in Mathsoc or the Computer Science Club office. They stay there for a few months, until someone moves them to another drawer. Slowly they disappear as people who happen to come across them help themselves to a copy for free.

An interesting feature of Science Fiction buffs are their usually immense libraries of books, just about always completely paperbacks. Some people claim to have read every book in their library at least twice, with some favourite novels getting read tens of times. Other people buy books so fast that their reading can't keep up and as a result that person may have actually read only half of the books they own.

Any SF person with any library to speak of will have catalogued all his books and will have a comprehensive book list, probably on a computer. In fact, I get the impression that cataloguing their books forms a major pastime for some SF enthusiasts. The book lists contain fairly comprehensive information about the books. Popular data to record include the type of book, it's original price and a flag stating whether or not the book has actually been read or not. There are many types of books. A fairly standard length story is a "novel". However, some books aren't quite long enough to deserve the rank of novel, they are called "novellas". A novella, although not long, isn't that short either; if it's too short to be a novella, it is a "novelette". And even shorter than a novelette is the short story. As far as price goes, SF people seem to have an affinity for recording the original price (whatever use the price information is anyway, I don't know) rather than the actual price paid. For instance, a tattered book with the back cover missing that cost ten cents in a used bookstore might get recorded as having cost \$1.75.

I've been informed that next week's edition of Howard the Duck (a comic book) is to be watched for, because (in a figurative sense) Howard the duck will be battling with the Disco duck.



3

THIS IS BE KIND
TO ENGINEERS
WEEK! TEACH
AN ENGINEER
TO COUNT!

Public Service Announ.

ADS (Near & Far)

Looking: Three and one-half Mathies and half of a Planner are looking for a townhouse in the Lakeshore-Sunnydale area. We need accommodation for 12 months to start in May or September of 1977. We will take over a lease if necessary. We don't have a \$ 100.00 bribe to give away, however if someone can help us out, we will give to him/her 1 (one) genuine "Martin-Weber" combination beer can and bottle opener. This collector's item is sure to become a prized momento of your university years and is a great energy saver as well. Please send mail to "bimperkin" on the 'bun or to "brian" on UNIX, or as a last resort phone 884-4924

Thompson Thugs looking for work. Housecleaning a specialty. 25 cents a job plus a case of beer. Call 745-2027 for details.

Semi-furnished condominium to rent at summer rates: 1 Double room with private bathroom.

\$170.00 /month 3 Single rooms sharing 1 1/2 bathrooms.

\$90.00 /month Laundry facilities, stove, fridge, dishwasher, air-conditioned, tennis court, patio, parking. Utilities included. Phone Maureen 886-0466

Townhouse for occupancy fall '77 2 bedroom, basement easily converted to extra room. Pool. May be viewed during summer term. Phone (416) 634-8877

Waterloo grad has apartment to share in Montreal. For info call 884-9458 (Mike)

To sub-

let furnished 2 bedroom apt. 20 min walk from Math building. Rent regular \$198 asking \$150 /month. Includes all utilities including cable (for TV and stereo) except phone. Call after 5. Chris 745-2696

To Sublet: extra large 2 bedroom apartment for may to august. Fits 4 or 5. Includes furniture, 2 beds, chesterfield & chair, stereo & TV. \$220 a month with last month free. Phone Gary at 886-0510 or Kandry at 578-1597.

TO

SUBLET Furnished 2 Bedroom Apartment in LONDON, Ont; May 1 to Sept 1; \$224 per month; swimming pool and tennis court; fully carpeted; 2 main bus routes at gate; free parking; laundry facilities; walk to shopping. 519-434-1024 or write 605-1178 Adelaide St. N. London.

For Sale: Harman/Kardon A401 stereo control amplifier. 20+20 watts rms min. Serious enquires should be sent to jcmacnair via TSS

Entertainment: Come to the WATSFIC meeting in MC5158. Every Monday at 7:30 pm.

For Sale: 400mm telephoto lens. Pentax screw mount. Focus: 8m to infinity. f6.3 made by Hanimex. For information phone 884-7499 or contact djmullin on TSS.

WANTED TO SUBLET: Two bedroom apartment available May 1st to September 1st. Rent is \$160 per month. Close to both universities. Phone 743-2250.

That time again: Income tax help. Will make house calls. Prices variable. Phone 745-3079.



Hedgehogs

Dear mathNEWS:

On behalf our clients, Galactic Fringe Computer Consultants Limited, we would like to make the following public announcement:

It has recently come to the attention of this office that the name, trademark, and other devices of Galactic Fringe Computer Consultants, hereinafter to be called "GFcc", are currently being used and displayed by persons unauthorized. We respectfully draw the attentions of both these persons and their associates to the grave discourtesy and disrespect inherent in this conduct. We further call for the immediate termination of such.

GFcc remains a major division of Hedgehog International, as when founded early in A.D. 1976. Other noted Hedgehog International divisions include Rabid Rabbit (photography), Myopic Badger (holdings and assets), Fieldmice (news service), Star-nosed Mole Inspections (travel and accomodation) and St. Dinsdale's Home for Wayward Software.

Our client's proper claim is supported by many signed and dated documents held by impartial persons, and can be viewed upon request to this office. We hope for a just and speedy settlement, and do not plan to initiate representations to Her Majesty at the present time.

Yours very sincerely,
Chomsky, Chomsky,
Griebach & Backus
Barristers and Solicitors

995

Fulltime Tutors Needed

TUTORS: During the fall term '77, the Computer Science Department will require a number of full time tutors in the Introductory courses CS 140 and CS 180. These tutors will be required to spend approximately 18 hours per week in lab contact with students, plus approximately the same amount of time in marking assignments. Both regular and co-op students interested in rearranging their academic terms and working as a full time tutor during the fall term are requested to discuss their interest in these positions with Arnie Dyck, MC5183 or Jim Smith, MC5093.



Dear mathNEWS:

Would the Math society find it feasible to organize a mass purchase of CRC mathematics tables? At certain times, quantity purchases can be made cheaply. That is, persons requiring a copy can place an order and when sufficient orders are received, the society would then purchase said quantity. Students in Statistics and Calculus particularly would most likely be interested as well as students from other courses.

D. F. C.
Hon. Math 3A

Sandboxes

Dear mathNEWS:

It has come to our attention that certain resources in the Math building are being improperly utilized.

Specifically I am referring to the "planters" in the benches outside the 3rd floor lounge. The "planters" are presently filled with crushed white stones and artificial greenery. This greenery is gradually succumbing to a peculiar form of blight caused by coffee and defoliation caused by people stealing the leaves.

In the interest of maintaining psychological balance in the inhabitants we suggest the planters be replaced by sandboxes. Math Society could provide shovels and pails and dumptrucks if the university could provide the sand. A new MTHEL course could be created to teach people the proper use of sandboxes as a creative activity.

A sandbox would be of positive value providing a better outlet for frustration than suicide or hacking or writing letters to mathNEWS.

Frustrated

No Quorum Graduates

The question of graduate membership in the Federation of Students remains unsettled. Last week the Grad Club failed by about 10 to reach the required quorum of 63 needed to conduct a general meeting. The meeting was to decide whether grads wished to have voting reps on Federation council.

Unlike undergrads, grads do not pay an activity fee to the Federation. Based on the results of a 1970 referendum where 87 per cent of the 61 per cent turnout of grads voted to withdraw from the Federation, the Grad Club was able to convince the UW Board of Governors to eliminate the Federation fees for grads. However no relating Federation bylaws were changed and the grads retained voting privileges in the Federation.

A number of different grad officials had different interpretations of the results of the past week. President Diaa El Gabbani believed that the December decision of the Grad Club Board of Directors (asking the Federation to eliminate the grad constituency) would stand unless overruled in the future. He felt the important issue was that the Grad Club should be acknowledged over the Federation as the true reps of grad students. He was thinking of invoking a little-used provision in Fed bylaws allowing any student or students to withdraw from the Federation with no effect on fees. El Gabbani would write this letter on behalf of the grads withdrawing their membership in the Federation (unless a specific grad requested otherwise). However unless Fed bylaws were changed such a letter would have to be renewed each term.

Mike Devillaer a Grad Rep on Fed council, had a different interpretation. He felt that grads should not act until a decision was reached by a future general meeting. Referring to the action at the Fed general meeting, Devillaer said that since the undergrads "want us" and "don't mind that we don't pay fees", the grads should keep their voting rights and reps in the Federation for now. (The motion to exclude grads was defeated 125 to 121.)

Nick Redding, Grad Club treasurer, and an early proponent of elimination of grad reps, has modified his position. He voted against the elimination of grad voting rights at the Fed general meeting. (He felt that Doug Thompson was too eager to get rid of grads at the Fed general meeting and could have been politically motivated.) Redding feels that grads will eventually move to eliminate reps but feels that the decision must be by a general meeting of grads and not by the Federation.

It looks like this issue will receive further debate. It is probably true that there are Federation people who are unhappy with the grads because of the large support they have given in the past to such groups as the AIA and the free chevron. However there are also people whose only motivation is the fee-paying issue and their slogan could be paraphrased in a manner similar to one used in the American Revolution: "No representation without taxation."

TROB on the Prowl

sex and the single trob

Well, after a much needed respite (I was suffering from a mixture of Statistics, and unCo-ordination, Department of), I have returned to the staff of your favourite publication and mine.

Our *QUOTE_OF_THE_WEEK* is NOT from Kathy-X. Instead, we bring you a scandalous remark from the very lips of Federation CRO Gary Prudence. On hearing that Larry Smylie had resigned from Federation Council, he responded, "Oh good! Another by-election!"

I think that speaks for itself.

Our *ALGORITHM_OF_THE_WEEK* is NOT a contest this week, because nobody could guess what it does. This is, by the way, the first algorithm presented here which can be done on WATIAC; we fervently hope that that is the ONLY place it can be done.

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LDX 1,#0
LDA #0
RPT #1500
STA A(1+)
DIV #0
STOP
A WORD
END
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First, index register 1 and the accumulator are set to 0 (that's ZERO!). Then we proceed to store the accumulator in 1500 locations, beginning at A and subscripting by auto-incrementing register 1. The division by 0 is caught by our faithful "WATCHDOG" (Mad Dog hard-wired (chained?) to a terminal?), and a dump is produced. Now here's the tricky part: looking at the dump, we need not be particularly alert to notice that locations A through A+1499 now contain the value -1 (or, in WATIAC form, -00000001). This obviously uses computing principles not yet understood by manufacturers of "real" computers: DEC, IBM, CDC, Honeywell,...

Our *COMPUTER_OF_THE_WEEK* is the PDP-10 at Xerox's Palo Alto Research Centre (PARC). Officially, Xerox is out of the computer business. However, I quote from the Special Supplement to the Third Printing of "Computer Lib/Dream Machines" (1975) by Theodor Nelson (a classic; everyone should have one; end of plug):

"The hottest project at Xerox PARC is Alan Kay's Dynabook, formerly the Kiddy Computer. As lots of people will tell you, it's going to cost five hundred dollars, be small enough to carry around on a shoulder

strap, have a built-in screen, run on batteries, and have all the books a kid wants to read from the screen stored on a cassette.

"And the demos! They'll knock you out. On a colour TV screen, they'll show you a wildly changing pageant of toy soldiers, photographs, beautiful patterns, all generated by the computer in real time ... And if you're into computers, they'll show you how all this is run by the beautiful SMALLTALK language (it was previously called the Kiddy Computer, remember?), which any bright child can learn and which has some awfully powerful features.

"Now let's sort this all out.

"There have been a lot of cons in the computer field, but this isn't one of them. It's marvellously real.

"So how come Xerox is leaving the computer field?

"Answer: they're not exactly leaving; they're taking a break until they can sell this beauty for five hundred dollars.

"What's the delay?

"The Dynabook, or Kiddy Computer, is actually a PDP-10.

"You're supposed to laugh. A PDP-10 is a big computer, the best ... A PDP-10 system costs hundreds of thousands of dollars.

"But the last laugh will be Xerox's. The way computer prices are coming down, through integrated circuits ever more powerful and cheap, that PDP-10 can be sold for \$500 in ... (check your choice) _1978 _1979 _1980 _1981 _1982.

"(Interesting anecdote: the guys at Xerox PARC asked to buy a PDP-10, but management bridled, seeing as how Xerox was in the computer business and made competitive machines. So the fellas, nothing daunted, *built their own*. They modestly say the parts only cost a few thousand.)

"(Note: the above predictions are based, of course, on the assumption of Xerox management knowing what it's doing. Assumptions of this type in the computer field all too often turn out to be without basis. But we can hope.)"

There was a letter to the Trob a couple of weeks ago (I don't know where Dennis put it...) from a remote reader who shall remain nameless because I don't know how to spell his name, pointing out that IBM had indeed cancelled FS (the last I had heard was a distinct refusal to comment on rumours to that effect). Oh well.

COMMIE RISTO

Well guess what? This week I'm not going to mention the word chevron even once. Oops! I just did. Well you can't really expect me to let an article to go by without bringing that word up.

First off I'd like to relate one of my experiences of the past week. While taking a break from studying for my CS 371 midterm, I decided to check up on the slide rule contest that was going on in the math lounge last Thursday. Suddenly I found myself being recruited to the MathSoc team as a replacement for Kevin Willis who claimed that he had to take pictures of the event so that he couldn't be on the team. Ha Ha Ha!, the guy was just trying to squirm out of it. Well, not knowing the first thing about slide rules (in grade 12 math we had a 2 week course on them, but I used a calculator to get the answers to the assignments), I was apprehensive, but was assured by the others that all I had to do was hold the giant wooden slide rule up while the other three team members of Geoff Haines, Gary Prudence, and John Austin, manipulated the slide and calculated the answers. The enemy con-

DEFENSE

As ex-president of Mathsoc, I would like to defend a fellow staff member and executive from the crap people like "less help this term", co-op Steve Risto put in print elsewhere in this publication. Ken Lynch is as good a worker as Andy Mueller, anytime.

Ken Started in Sept. with his task as Education Director. Unable to get enough people to sit on committees, Kevin Willis, vice-prez filled in the gaps. Because of Kevin's eagerness in his task, he basically left Ken with nothing to do. Council got all the necessary reports and mathNEWS the sorry since Kevin went ahead and did it.

Ken at first attended Board of Education meetings, chaired by Franz Kinginder. However, anyone who knows Franz, knows that he could turn off a rock (which is what he threw through a particular window). Well to say the least, the Board collapsed only to gain new life this term by Dianna Clarke. Ken Lynch was functioning as Education Director with my knowledge and approval. However he has hepled mathsoc in other ways.

One can see that his qualifications are good by his involvement with the curling club. He became the president of this organization in the fall. He has done a lot for this group and is organizing an inter-university tournament with 16 teams participating. From experience, when Ken Lynch does something, it is done and done well.

sisted of a team of 4 Sadistics profs which included Jock Mackay who I had for 233 last year, and Prof Minder who I currently have for 340.

Here's the real story. We got creamed. On the other hand, we also got ripped off. Both Gary and Geoff both claimed to be able to use the slide rule accurately but when they got together it sure didn't appear that way. Meanwhile the profs were whipping off each question in a matter of seconds (the questions were quite complicated expressions), and easily made us look like fools. In the best out of seven match, they got 4 and we got 1. However, we got ripped off as on the last question they didn't give an answer within the time limit. Meanwhile, our team had given up on the question minutes earlier and had blurted out an arbitrary random number as the answer. Thus we were closer, as although they got the correct answer after time had expired, they were too late. Thus the score should have been 3 to 2. At this point we were obviously rolling and would have easily beaten them on the next two questions to win the competition. Regardless, I think that the profs cheated. I don't know how as of yet, but I think it was done with mirrors. I still don't know why our team just didn't work out the answers on my HP-25 and pretend to work the slide rule.

All in all the profs had a disasterous slide rule season. They only won one match and finished 2nd last. We on the other hand had a great season. Losing just once all season we finished in 2nd place.

Here's the free story. The profs victory once again demonstrated that the running dog capitalistic fascist pig enemies of the free and democratic peoples will stop at nothing in their eternal quest to oppress the down-trodden free and democratic students and to subvert the subversives who will forever fight on to uphold absolutely everything that we love and hold dear to our hearts and that the junta which controls the state is out to forever destroy and trample to the ground.

Now onto more serious matters. MathSoc is going to have an election next Tuesday. What?, you say...Mathsoc have an election after years of acclamations? Well its true. The election is for the Vice

Presidency. Two persons are running. Ken Lynch, the former education director, and Andy Mueller, two time council rep and a representative on the Student Advisory Committee to Co-ordination. Now, undoubtedly very few students will vote. While you may feel it has little effect on you, you should remember that MathSoc spends \$15000 of your money a year. Also for the past two years the vice president has risen to the presidency. You should vote. Please remember to do so.

Of the two candidates, I personally favour Andy Mueller as I believe he can do the better and more competent job. Ken Lynch certainly did a questionable job as education director. Since I returned to

campus in January he never once showed up at a MathSoc meeting. Also he failed to warn us in advance of changes that faculty were making regarding the withdrawal period and correspondence courses. We found out by accident a few days before they were to go through. Since then Ken has resigned from the executive and was replace as Education Director by Dave Gillett who has gotten off to a promising start. Andy Mueller, I find is a very good worker. When he gets himself onto a job it usually results in a reliable, and competent job being done. I find him quite motivated and enthusiastic. For these reasons I support Andy.

As I am writing this I have just returned from a federation council meeting. I found tonight's meeting disgusting. A big fat zero was accomplished. There is a solid block of free chevron supporters on council. Both sides play childish and obstructionistic games. Voting on most issues is usually by party lines: us against them. (that is of course if we ever get to a vote). I find the representatives neither responsible nor mature. Tonight, after debating for over three hours on a motion to establish council itself as a committee to investigate the affair, the motion was tabled. Nothing was accomplished by this. The mover of the motion resigned from council in disgust that not even a vote was taken. I certainly must sympathize with his views. I feel that the representatives are not representing their constituent's desires. The wishes of the students are being totally ignored. I fear that little is going to be accomplished in the foreseeable future to bring responsibility to the federation.

Sir R.

continued from 996

The letter also pointed out an error in a recent issue of ComputerData, which indicated that the small APL unit from MCM and the IBM 5100 were (a)terminals, and (b)competitive. (In fact, I noticed the error myself.)

It was also asked why I read ComputerData (and also Canadian Datasystems, although I don't believe I've ever mentioned that one...). Very simple reasons, actually. My dad has free subscriptions to them.

Finally, a few other pertinent quotes:

"Knowledge of COBOL is not relevant."

"Reading hex dumps will rot your brain."

DaffynIBMtion:
"hexadecimal: to put a curse on a PDP-10."

Day

of



the

Triffids

MARCH 14

M&C2066 at 3:30pm
M&C5158 at 8:00pm
M&C2065 at 10:00pm

Everyone is invited to see this classic SF movie.

95¢

PICK UP A CALENDAR



After a hiatus (like that word?) of a week, here we are with another *Gridword*. Last week's *Gridword* gathered 12 solutions, of which 8 were correct. So, after rolling Randall's famous die, Ron Russell wins his tee shirt which can as usual be picked up at a mathNEWS production meeting.

Other correct solutions came from Brenda Lloyd, Eric Johnson, Nick Barker, Dave McDonald, Rita Pedersen, Paula McDonald, and Andre Ierasts.

Incorrect solutions came from crharris, dave newell, Linda Mikolajski, and a joint non-solution from Peter Walker and Paul Kristensen.

This week, there is no *Gridword*, because we don't have any. We had one submission of a double-croctic, but we're not running that this week because no-one knows how to Photon it. so.....instead we have two nongrid words. First, change GOLF into CLUB. Next, turn NOUN into VERB.

We still need *Gridwords*, which should preferably be at least 15 by 15 with no more than about 15% blanks.

998

The following was stolen.

TO SLOW A SLOWDOWN, SLOW UP THE SLOWDOWNING...

Economists aren't a bad lot really. Problem is they tend to take themselves quite seriously at times. Here is a gentle nudge from *Communique* the official publication of the Teachers Credit Union in Grand River Rapids, Mich.

The minister of finance reports with some justification that sales and income figures show an easing up of the rate at which business is easing off, which is taken as proof that there is a slow but noticeable slowing up of the slowdown.

In order to clarify the cautious terminology of the experts, it should be noted that a slowing up of the slowdown is not as good as an upturn in the down curve, but is a good deal better than either a speedup of the slowdown or a deepening of the down curve; and it does suggest that the climate is about right for an adjustment to the readjustment.

Turning to unemployment, we find a definite decrease in the rate of increase, which clearly shows that there is a letting up of the letdown. Of course, if the slowdown should speedup, the decrease in the rate of increase of unemployment would turn into an increase in the rate of decrease of unemployment. In other words, the deceleration would be accelerated.

But the indicators suggest rather a levelling off, referred to on Wall Street as bumping along on rock bottom. This will be followed by a gentle pickup, then a faster pickup, a slowdown of the pickup, and finally a levelling off again.

It is hard to tell, before the slowdown is complete, whether a particular pickup is going to be fast. At any rate, the climate is right for a pickup this season, especially if you are about 25, unmarried, and driving a red convertible.

ECONOMIC SLOWDOWN

	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
1	M	E	Z	Z	O	S	O	P	R	A	N	O		U	K
2	A	Y	E		V	I	R	I	O	N		K	E	N	O
3	C	E	A	S	E		R	E	S	E	A	R	C	H	
4	H	S	L	A	N	T		R	E	N	T	A	C	A	R
5	Q		O	B	B	L	I	G	A	T	O		L	L	B
6	U	N	T	R	I	E	D		T		M	A	E	L	
7	E	E		E	R	M	I	N	E		I	N	S	C	L
8		G	O	D		O	O		M	C	T	I	W	S	
9	F	A	R	M		S	P	R	I	T	E		A	E	D
10	I	T	I	N	E	R	A	N	T		N		S	D	
11	N	I	G		N	O	T	T	A	L	E	N	T		S
12	A	V	I	S		H		L	A	R	G	I	S	H	
13	N	I	N	N	Y		I	C	I	N	G		E	I	A
14	C	S	A		E	D	C	B	A		Y	E	A	R	N
15	E	M	L		N	O		C	N	S		P	L	E	K

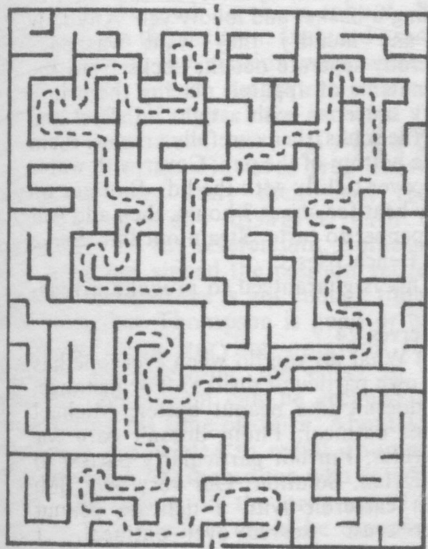
PLAYPEN5



A little old lady walks into a building, she steps into the elevator and presses the button for the sixth floor. Upon reaching the sixth floor she gets out and proceeds to take the stairs up six more stories to the twelfth floor. Question: Why didn't she take the elevator all the way up to the twelfth floor in the first place?

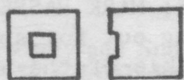
Think about that while I reveal the answers to last week's puzzles.

Puzzle I: The maze didn't seem to give anybody very much trouble.



Puzzle II: (A farmer died leaving 17 cows to his three sons, 1/2 to Tom, 1/3 to Dick, and 1/9 to Harold. Since the cows were dairy cows and none of the sons were dairy farmers, they were reluctant to start carving. A neighbour came by, listened to the problem, and solved it without bloodshed. How?) It's really quite simple. The neighbour, being very generous, gave them one of his own cows, making the total 18. The cows were now easily divided: 9 to Tom, 6 to Dick, and 2 to Harold. This leaves one cow, which the neighbour takes back and everyone is happy.

Puzzle III: (If these two drawings show what an object looks like from the front and from one side, what might it look like from above?)



This one gave a few people some trouble. A possible answer is that the object is a drum with a notch taken out of the side. This would make the view from the top a circle.



Puzzle IV: Although this was probably the hardest puzzle from last week, a lot of people were able to get it anyway.

UNITED STATES	⇒	408137
CANADA		512135
		920272

Three people, D. Newell, J.H. Buccino, and J.R. Miller, submitted correct solutions to all four puzzles.

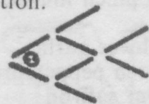
The problem challenge rating (the stars beside each puzzle) was provided by Paul Kristensen. However it is interesting to note that Paul was not able to get Puzzle III, which he rated only one star.

A couple alternative solutions were submitted for Puzzle III of two weeks ago. For a five letter word with four distinct vowels, John Karam suggests the word ADIEU and Bruce Ebauks suggests AIGUE. For an eight letter word with one vowel, Bruce suggests TWELFTHS.

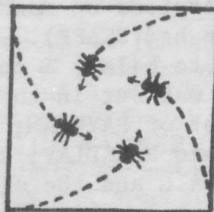
These are the people who submitted solutions to last week's puzzles. *J.H. Buccino (all four); Bruce Ebauks (2); J.R. Miller (all four); AKFM... who? (1); Mansur Halane (1,2,4); Tom Weber (2,4); Randall W. Melhuish (2,4); pckelly (1,2,3); S. Lorusso (3); The Dude With the See-Through Head with assistance on Puzzle III from Stewart somebody (1,2,4); Paul H. Kristensen (1,2,4); D. Newell (all four); msrowat (1,2).*

Don't forget that you can send in puzzles as well as solutions. After all, I can't think them all up myself! Send your puzzles and/or solutions to **mathNEWS** by Tuesday.

Puzzle I: Below is a figure of a fish created with eight toothpicks and a button and. By moving the button and just three toothpicks, make the fish swim in the opposite direction.



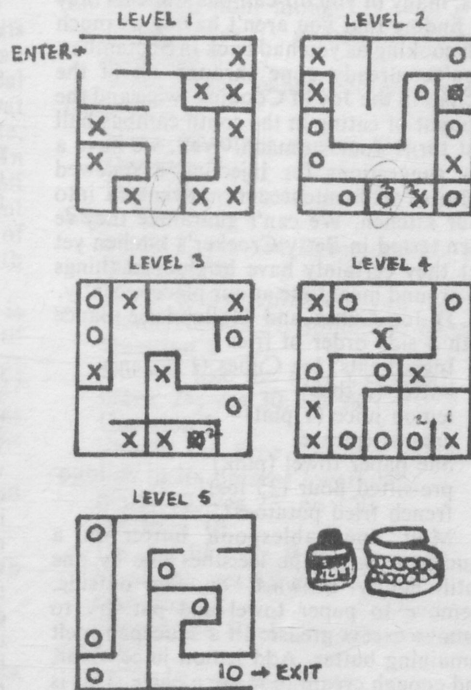
Puzzle II: There are four ants, each on a corner of a mat fifteen inches square. Each ant is facing the one to his right. If each ant starts walking toward the one he is facing at a rate of three inches per second, how long will it be before all four ants meet in the centre of the mat?



Puzzle III: What's the next term in the sequence 38, 40, 44, 48, 54, 62, ...?

Puzzle IV: This is a three dimensional maze. There are five levels and in some places there are paths from one level to another. Where you see this symbol X, you

may go down one level to the same spot on the lower level. Where you see the symbol O, you may go up one level. For each X there is a corresponding O. Good luck.



Back to the problem of the little old lady. The solution is in the second word of the problem. The answers to the other puzzles will be in next week's column.

ASSISTANCE

Have you ever thought of becoming an actuary?

What is an actuary? An actuary is an executive professionally trained in the science of mathematical probabilities. He uses mathematical skills to define, analyze and solve complex business and social problems. He designs insurance and pension programmes which meet the public's needs and desires, and which are financially sound. He forecasts probabilities and he commits his company or his client to long-range financial obligations for a generation or more.

To become an actuary, you must pass a series of 9 exams. Part I is a General Mathematics exam and corresponds nicely to the first year honours math programme here at Waterloo. Part II covers probability and Statistics and corresponds fairly well to Stats 230, 231.

The Faculty of Mathematics has set aside a small amount of money to help students trying actuarial exams. If you are a first or second year student and you successfully pass Part I or Part II on the first try, you will have the registration fee of \$15 per exam refunded to you.

For more information and application forms see F. Reynolds M&C 6092B. Application forms must be in the mail before March 25.

KITCHEN COOKBOOK

As exams draw nearer and we come to the end of another eight months on campus, many of you off-campus students may be finding that you aren't having as much fun cooking as you had back in September. You've already gone through all of the recipes in the Joy of Cooking twice and the thought of eating in the south campus hall just turns your stomach. Well, we have a few suggestions for injecting a renewed sense of excitement and adventure into your kitchen. We can't guarantee they've been tested in Betty Crocker's kitchen yet but they certainly have brightened things up around meal time at our place recently.

1) Ice Cubes and Hollandaise Sauce with a side order of fries

Ingredients: Ice Cubes (1 dozen)
butter (2 tbsp)
lemon juice (1 pint)
cream (please)
one paper towel (pink)
pre-sifted flour (25 lbs)
french fried potatoes

Melt one tablespoon butter in a saucepan. Saute the icecubes one by one until lightly browned on the outside. Remove to paper towel and pat dry to remove excess grease. In a saucepan melt remaining butter. Add lemon juice, flour, and enough cream to make a paste. This is Hollandaise Sauce. Pour over ice cubes. Serve with a side order of fries.

2) Aberdeen Terrier a la Mode with a side order of fries

Ingredients: 1 Aberdeen Terrier (2 if company's coming)

1 qt ice cream (butterscotch ripple is our favourite)
french fries

The first item may be a little hard to find. Fortunately for us, our nextdoor neighbour always keeps one around the house. We haven't been able to catch it yet, but we know it's there, because it wakes us up without fail at 6:00 am every morning.

However, once you have obtained the terrier, cook it using your favourite recipe (in a pinch you can substitute an irish wolfhound). Decorate with 2 scoops of ice cream and serve with a side order of fries. Serves 4 (or 18 if you've used an irish wolfhound)

3) Next time you're faced with serving the same old meatloaf and french fries for the n+1st time, spice it up with some of these zesty sauces.

i) Dill pickle sauce

Ingredients: 3 large kosher dills

1 cup orange juice
1/2 cup cheez whiz
5 cups butter

Have all ingredients at room temperature. Cut the cheez whiz into pea size chunks, rolling each one into a small ball between your fingers, set aside. Wash your hands, wipe the taps off, and put the washcloth in the laundrybasket. Next, cream the butter with the orange juice until it is fluffy. This is messy. Now carefully melt the dill pickles in a double boiler over very low heat, being careful not to burn them. When the pickles are at a slow boil, cool them and strain through a paper towel, discarding the residue. Beat the butter-juice mixture in with the melted pickle, and add the cheez whiz, serve over meatloaf or side order of fries. Makes a distinctive unique topping - serves 8

ii) Same as sauce number 1 except substitute bananas for the orange juice. This does make it a little harder to pour however.

iii) Spicy sauce

Ingredients:

1 tsp parsley 1 tsp basil
1 tsp sage 1 tbsp allspice
1 tsp rosemary a pinch mustard
1 tsp tumeric *
1 tbsp chives 3 cloves garlic
3 pinches salt dozen peppercorn
4 lb pepper 1 hint saffron

3 lb curry 1 suggestion soupcon
1 cup oregano 1 lb MSG
1 peck pickled peppers**
dash tobasco 3 oz BHT
1 cup worchestershire
1 litre soya sauce

* bet you thought it was going to be thyme

** picked by peter piper

Mix well. Serve immediately over a side order of fries. For your own safety notify the fire department before trying this one.

iv) Odd sauce

This takes a bit of work, but we feel it's well worth the effort.

Ingredients: 77 pair odd socks

4 cups water
salt, pepper to taste

Stand in the middle of the kitchen holding a basket and loudly yell 'Anybody got any laundry they want washed?'. Carefully separate out the socks from the other items of apparel, placing them in a heavy saucepan with a tight lid. Peel and core the socks, then carefully arrange them at the bottom of the pan. Cover with water and cover tightly with the lid. Simmer on a low heat for about 3 hours, then add salt and pepper to taste. Strain out lint. Serve over french fries.

This is guaranteed to provoke a reaction.

Serves 24

4) What do you do when everyone has their own particular dislike? For instance: Wil doesn't like peanut butter; Michael loathes oatmeal; Philip doesn't care for casseroles; I'm not particularly partial to Bob Dylan. Solution? Our very own Bob Dylan casserole with a delicate peanut butter crust served over oatmeal. I thought this would have gone over rather well but it was far from the success I had hoped for. Perhaps it should have been served with a side order of fries.

Serves 4 (or 5 depending on whether Bob Dylan has just eaten)

HEAT RESISTANT

well its time for another masthead...it is now 3am on Thursday morning... currently there are 5 bodies in the mathSoc office... several of the bodies are playing dominos...(is it my move??).. why are we a full day behind schedule... because the photon has been misbehaving. This collection of 1200 copies which will flow out of graphic services on monday was financed by robbing mathSoc of money This week we had STAFF (believe it or not we had STAFF)... we celebrated the occasion by drowning them in coffee & subs & kaisers...our thanks to hilary & company... J.J. was a LONG reporter; BRUCE put in his 2 bits worth at the MILL; RANDALL was out in the garden with M^CDOUGALL; TOM "I think its time I left (3:40am) KEITH; PETER baked a loaf of RAYNHAM; DAVE just finished dominating the scene by sneaking thru a win GILLET; WIL verbed into MACAULAY; RISTO encountered STEVE; MARK HASSELBACK was out in the kitchen doing some cooking; R.A.G and the single WHITE; GARY trying out for summer editor PRUDENCE; another major helpin' hand was supplied by KEVIN WILLIS; our rookie-of-the-week was ANDRE IERASTS who didn't know better and showed up tues & weds and is still here; JOHANN who kicked some movement into photon GEORGE; and lastly DENNIS who lacerated MULLIN with a windshield wiper.

Since we have the space I might as well mention why the pages have such high numbers. Its because I went an' counted all the pages ever produced by mathNEWS. Before this issue there were 987 official pages and 3 unofficial pages. This is page **1000** in a series (#10 in this issue). Our thanks to the assistance (& offers thereof) to those who remain nameless. Our apologies to those people whose letters were left out. We got a letter this week from a student at Western who wanted to advertize in mathNEWS because she had heard that our ADS get results. Only 2 more issues this term. Signoff at 444