

mathNEWS QUESTIONNAIRE

Our first questionnaire of the season had 95 responses. Eighty-five were from undergrads.

Question 1: Have you used antical? {95 responses}
Yes 87% No 13%

Question 2: Do you consider antical to be valuable? {83 responses - Questionnaires which had an answer of no to Question 1 were excluded}

YES	29%
Qualified YES	44%
NEUTRAL	13%
Qualified NO	14%
NO	04%

Question 3: Do you feel that student comments should be printed in antical? {94 responses}

YES	76%
NEUTRAL	09%
NO	07%
OTHER {qualified YES}	09%

Question 4: Do you feel that antical would still be valuable without comments? {67 responses - only questionnaires which indicated an affirmative answer to Question 2 were selected.}

YES	23%
YES, but	53%
DONT CARE	03%
NO, if	05%
NO	16%

Question 5: If comments are not published in antical they should be available to: {84 responses}

Students ONLY	02%
Profs ONLY	03%
NEITHER	15%
BOTH	79%

Question 6: This question asked whether antical should adopt the rating system used by engineering. Based on the responses to various antical questions a score on a scale of 0 to 100 is calculated for the professor, as well as one for the course. {89 responses}

YES	40%
Qualified YES	29%
NEUTRAL	15%
Qualified NO	01%
NO	15%

And now, what you've all been waiting for: comments. We'll start off with this cryptic message: "Be cool when writing down the comments"

"Antical should be out before Labour Day so we can use them when we make course changes. Not afterwards when they are only useful as scrap."

"All profs should be required to use questionnaires"

"Comments give a unique insight that the questions really can't."

"Comments are the most valuable part of antical. The questions are good, too, but they can't sum it up as well as the questions. The best system {but one that requires more volunteers than are likely to

(continued on page 1098)

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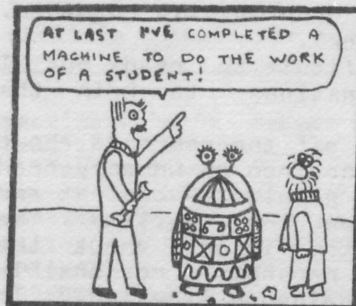
math NEWS

1977-78 CAREER INFORMATION

Whether you are in first year or about to graduate, the Career Information Talks will be of interest to you. The talks will provide information on academic requirements, typical responsibilities and future prospects for given career areas. The following list indicates the talks still to be given:

- Wed. Oct. 26: University of Toronto Faculty of Education
- Wed. Nov. 2: Ontario Teacher Education College (elementary education)
- Tues. Nov. 1: Insurance
- Wed. Nov. 2: Law
- Thurs. Nov. 3: School of Library and Information Science - University of Western Ontario
- Thurs. Nov. 3: Faculty of Social Work Wilfrid Laurier University
- Thurs. Oct. 27: Management Sciences
- Thurs. Nov. 10: Banking
- Tues. Nov. 15: Retailing

Additional information regarding these talks can be obtained by contacting Career Planning and Placement, 1st floor, Needles Hall, ext. 3675.



(continued from 1097)

show up} is the one of having someone write a summary paragraph of each course and prof based on the comments."

"Put in prof's comments."

"Numbers are quite miserly in their information."

"Comments give a lot of info that can't be covered by any survey, no matter how good the survey is!"

"Comments help to sum up and generalize."

"Mere statistics don't tell all."

"Just publish worthwhile comments. Nothing insulting to the prof."

"The major pitfall to comments, is usually you will only get the very bad opinions or the very good opinions while there probably are many mediocre opinions which people tend not to put down."

"Comments should concern teaching/tutoring provided {obviously}"

"Statistics alone are meaningless"

"It is hard to tell from a mass of numbers, so comments are better"

"No, because otherwise all the rest is statistics! and [FCH that!]"

"Without comments it would require more reading and thought to make decisions about courses"

"Comments should be given to profs and be available to students on request"

"most comments are useless. possibly a few comments from perceptive students are legitimate"

"The temptation or desire to see one's clever ideas and remarks in print is clearly behind some of the more entertaining comments. This makes the antical more entertaining to read and the questionnaires more interesting to fill out. For these reasons, students probably like comments. However these reasons do not bear on the usefulness of the antical in assessing teaching effectiveness and course content. In fact, the ego factor in comments actively detracts from the above mentioned effectiveness."

"Publish the percentage of people who passed the course"

"Put it in a good format {layout}. The present one is terrible!!!"

"The format of antical makes it difficult to use {i.e. hard to make comparisons}"

"Structure the block of answers for each course so that it is more easily readable. {Kidnap an English major}."

"Presently fairly difficult to read, but I can't give any suggestions to help the problem"

And now, to finish off the comments about antical we have this one from an unhappy grad student: "It is just a popularity contest and does not measure teaching ability. The MathSoc learn to stop lying about the Anticalendar and the person(s) responsible for this year's Anticalendar expelled." In case that last comment discourages the people who worked on antical, here's a quote from an undergrad: "I appreciate the work done for anti-cal. Thank you."

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The following are comments on a variety of topics {usually mathNEWS}.

"Too bad chevron is not a student newspaper. I would like to read a student newspaper with student news."

"Down with the fraudulent mathNEWS Questionnaire!"

"mathNEWS is a great newspaper. I even send it home to my mother."

"Get rid of political mud throwing like Risto's"

"more pubs and semi-formal"

Explanation of why mathNEWS is worse than the Gazette, the chevron and enginews: "low due to irrelevant gibberish, inside jokes and a publishing clique. Does not reflect math student views as does Enginews."

"You should have a centre fold"

"Do you really want to know? I mean truthfully? Well here goes: Mathnews {or mathNEWS as is gratifying to your ego} is a most ludicrous, ill organized, biased {politically} and distasteful newspaper {if you have the gall to call it that}. As a frosh I felt that I should out of respect read the Math students newspaper. However, because it was and still is a worthless piece of garbage, I have quit it. Goodbye and Good Riddance." The preceding quote was from someone whose favourite paper is enginews {with the Gazette as 2nd choice}.

"mathNEWS is entertaining and informative. Enginews should be outlawed. Chevron is junk {i.e. AIA hoowash}. Gazette is O.K."

Steve L. Risto



Next Tuesday is the big referendum and election day. Thus my topic this week is refundable fees. Now, before I start, I must say that I fully realize that many you will disagree with my views on this subject. Thus, all I ask you to do, is to read this article with as much of an open mind as possible, and to use this information, along with what you read elsewhere, and also your own personal views, to make your decision. I believe that the coverage of this issue on campus has been rather pitiful. The chevron isn't exactly "noted" for its "fair" coverage of issues, and since the A.I.A., as well as the majority of the chevron staff want refundable fees, the result of their coverage is obvious. And then of course there was last Friday's engin-ooze which gave wide coverage to the subject. I found that the statements printed in that paper were rather shocking and startling, not because they supported refundable fees, but because the content showed unawareness, and much misrepresentation of the facts. In a way this was expected, as engineering has had virtually no involvement in the federation in the past year, and thus must be making their judgements by second-hand sources, such as chevron reports. For instance, I find it interesting that they complain that the feds reinstated the chevron, when in fact it turned out to be the engineers decision, for had the engineering reps voted against reinstatement, instead of for it, the motion would have been defeated and the chevron never paid \$15,000 of the student's money. As one who fought that tooth and nail, I became very disgusted with the engi-nerds.

But now I've written more than I had intended about the irresponsible actions of others. As you know, I get rather worked up when I see misrepresentations reaching the students. But now onto my own views.

(continued from page 1098)

My views on refundable fees have changed from what they once were. Even as late as last summer I really couldn't decide, being torn both ways. But after careful consideration I've come to the conclusion that non-refundable fees are necessary at this point, although a year or two from now the situation may have changed.

The federation certainly has its problems, no one in their right mind would deny this. Yet despite this, the feds are providing many services. The termination of these would leave this campus in a pretty dead state. Any listing of these would be incomplete, but I'll try to mention a few of the more important ones: concerts, movies, the Campus Center Pub, Orientation events, South Campus Hall pubs, the record store, the Campus Center Shop, the post-office, legal-aid, used-book store, ice cream stand, representation on the Ontario Federation of Students (which I used to be a critic of, but it seems that these days OFS appears to be doing a rather good job, the Ontario government still intends to sky-rocket our tuition fees over the next few years, and OFS has been doing a credible job of promoting discussion and constructive criticism), bus service to Toronto, a radio station (C.K.M.S.), a student newspaper (which badly needs reorganization), creative arts productions, student phone directories, and co-ordination of events on campus (I can't really imagine what its going to be like if the students in various faculties don't communicate with one other). But it doesn't end here. Many clubs and organizations are supported financially by the Federation of Students, and societies such as Mathsoc and engsoc receive a lot of money from the feds. This is mostly for sponsorship of events which wouldn't come off without federation support (social events such as semi-formals, outdoor concert/parties at Columbia field, and sporting events like Mathsoc's broomball tournament come to mind as examples). But there's more than this, things that you wouldn't immediately think of. Our C&D stand is one example. Food services has been trying to have it closed for to get their paws into it for years, and we've only been successful in preventing this as the result of a lobby by a strong Federation and Math Society. This gives you some idea of what the Federation does.

I believe that a refundable fee would severely cripple the federation, and many of these services would have to be cut. Certainly just the fact that the Federation would have an unreliable source of income would hurt us in many ventures. Students who took back their fees would not be allowed access to many of these services, and would have to pay a higher price for many others. And even if they weren't members they would still get the benefits, (at paying student's expense) of our representation of students both within, and outside of, the university. If the federation crumbles, and it may do so quickly as volunteers may be hesitant to become involved in a weakened federation, this campus will become pretty dead. For these reasons I find the thought of a refundable fee inconceivable at this time, although I expect to graduate before it's effects are felt. I believe that if the federation goes belly-up it will be many moons before a new organization gets effectively organized enough to provide these

Javanese Martial Arts and Masked Dance

Kitchener-Waterloo and area audiences will have their first glimpses of Pencak (pronounced Pen-chah), the art of self-defense from Sunda, West Java on October 27 when a troupe of four male dancers and three musicians from Panglipur introduce the art form to this area. Joining the martial displays on the programme will be performances of Topeng Babakan, the masked dance theatre also indigenous to Sunda. Part of a first-ever American tour undertaken by this group of expert performers and teachers, it is under the sponsorship of the Performing Arts Programme of The Asia Society, New York. The UW Arts Centre is presenting the programme in the Humanities Theatre. Curtain time is 8 p.m. Cost: \$3.00

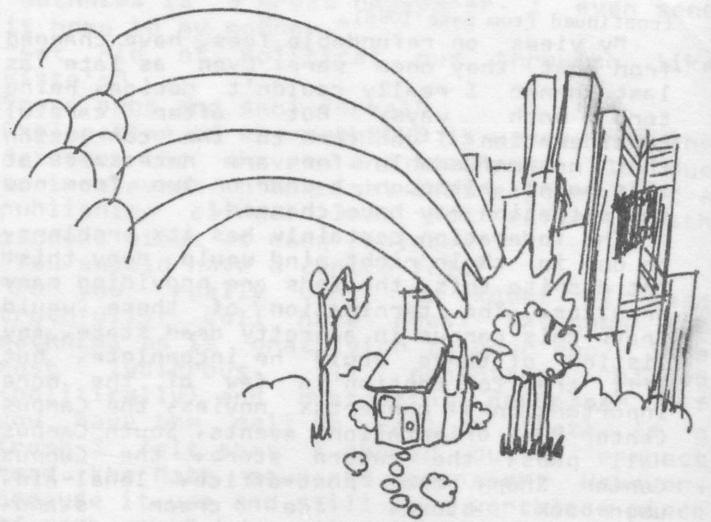
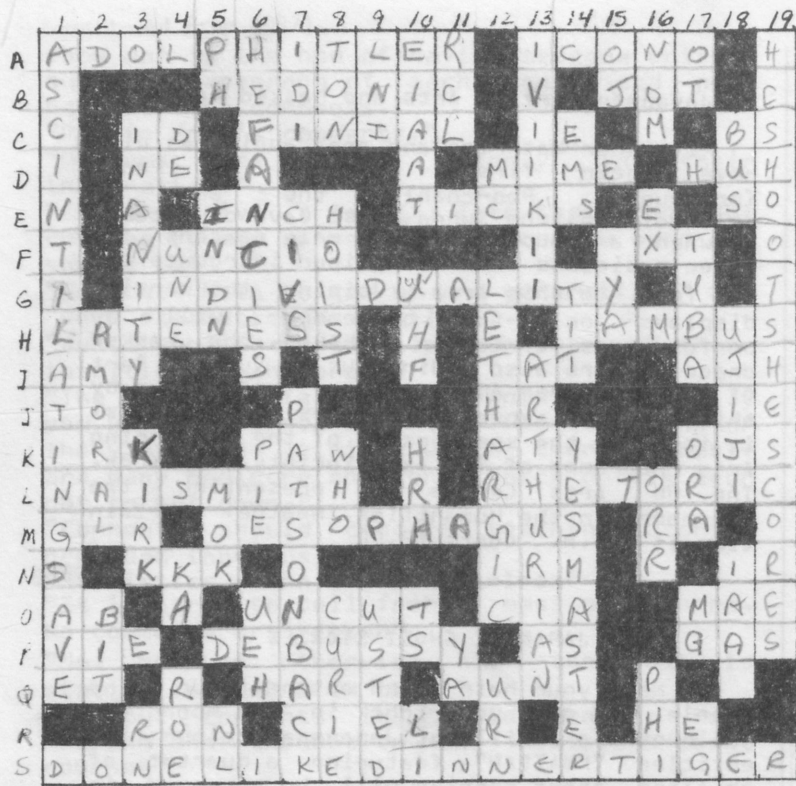
JAPANESE GHOST STORIES

To make your hair stand on end, your spine tingle and get you right in the mood for Halloween, a brilliant Japanese colour film entitled "KWAIDAN", featuring a quartet of chilling ghost stories, will be screened in the Humanities Theatre on Thursday, October 27 at 8 p.m. This is the second feature of the UW Arts Centre International Film Series. Admission is by membership only. Memberships at \$2.00 each area available all season at the Main Box Office, Room 254, Modern Languages building, or at the door. Film fee per night is \$1.00.

KWAIDAN was made in Japan in 1965, in Japanese with English subtitles. It is a quartet of Japanese ghost stories by Lafcadio Hearn, unfolded by the director Masaki Kobayashi with brilliant colour and superb stylisations. In "Woman of the Snows" a young woodcutter, sheltering from a blizzard, encounters a strange female spirit. "Black Hair" tells of a young samurai who, reduced to poverty, is obliged to remarry into a wealthy family. Haunted by memories of his first wife, he seeks her out at their old home, but on the following morning finds only a skeleton to comfort him. "In a Cup of Tea" has the same weird elegance. The reflection of a young noble who haunts a samurai, keeps appearing in his teacup. "Hoichi the Earless" is inspired by a 12th century struggle between the Genji and Heike tribes.

services. Don't expect it before you depart from this campus.

Thus all that I can say is that I support non-refundable fees, and hope that you will consider the matter very carefully. I still believe that we can reform the federation internally, especially if we can get the chevron on it's own separate refundable fee, which I believe will surely occur in the near future. But no matter how you feel, please vote, as a matter of fact I beg you to vote. Surely you can afford to come up to the Math lounge sometime during the day on Tuesday, after all, it's your money. I've been working for student's interests for a long time, and I would appreciate it if you would at least show your concern by voting. Thus I hope to see you in front of the Math lounge on Tuesday, as you exercise your franchise.



NAME: _____

Good evening ladies and gentlemen and fenceineers if any of you are listening. Today's gridword is the work of Paul H Kristensen. He can pick up his t-shirt at the next production meeting.

I was given a cryptogram to put in this issue, but I've lost it so it'll be in the next issue. Sorry ruth!!

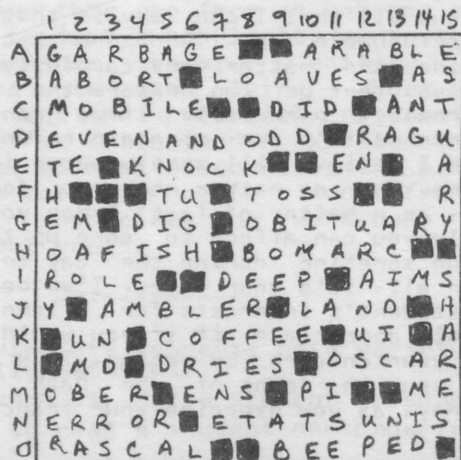
ML VJNO NR PJV JARHMKNF ALVXHAJBHFD, FUR DRP N HNDQ N JO BR MJGL MNV KMNEO. J. FMYLVV The above was submitted by Puth Harris.

There were 5 correct solutions to last week's gridword, and 15 incorrect ones (of which one was the creator's) The correct solutions came from John McDonald, doug McInroy, Jim McDonald, Dave McDonald (the mcdonalds are very active on campus, AMA anybody??) and DA WIMNA.... TJTHOMPSON. (I've just panned off on pogo the clues typing!! That means I can go home (memory fault--pizza dumped...)).

By the way, the funny little cartoons on the gridword page are mostly the work of pckelly (philin). Just thought you might like to know. 'f

ACROSS

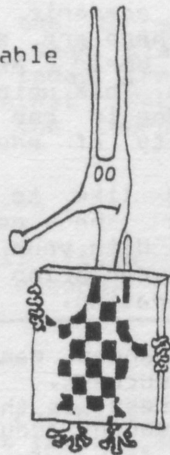
- a1 admired and emulated by 7a
- a3 prefix for -clast and -statis
- b5 of pleasure
- b15 _____ and tittle
- c3 is, ea, _____
- c4 roof apex ornament
- c13 that is{L}
- c18 Balance Sheet
- d3 _____...pas{Fr.}
- d12 silent theatr
- d17 eh?
- e5 2.54 centimetres
- e10 blood-sucking mites
- e18 _____ what!
- f3 papal emissary
- f15 he painted{L. abbrev.}
- g3 separate existence
- h1 it interrupts lecture
- h14 mertrical foot of short, long...
- i1 Carter girl
- i12 14q for _____
- i17 Average Jock per House
- j1 not from
- j12 60 minutes
- j18 c13
- k1 annoy
- k6 bear foot
- k12 Always Tiptoe past Yeti
- k17 Buffalo QR
- l1 basketball originator
- l12 what we hear a lot of in upcoming Stud.Fed. elections



"THAT'S BLANKS IN THEM THAA SQUARES"

- m1 Greater Lilliputian Railway
- m5 gullet
- m11 sun god
- n3 Ku Klux Klan
- n12 International Pemstrand Manufacturers
- n18 King George{L}
- o1 from {L}
- o6 not divided
- o12 American spy organization
- o17 _____ West, actress
- p1 compete
- p5 composer of 'Pelleas et Melisande'
- p13 like
- p17 H for example
- q1 and {Fr. or L}
- q6 Rodger's former "teammate"
- q11 not uncle
- r3 _____ Andrews, IHL statistician
- r7 sky over Levesque
- r11 pronoun
- s1 Leaf comment on Pittsburg and sneaker

DOHN
 1a common Gallivan phrase
 2h unrightious
 2o horse's mouthpiece
 3c senselessness
 3k _____ Douglas, actor
 3r doctor's assailant
 4c of{Fr.}
 4f af{Fr.}
 4n Jungle Book serpent
 4q fish eggs
 5a originally said "19a"
 5e Ierne Never Dug Nasturtians
 5l Mother Of a Knight
 5r where the Bluejays aren't
 6a il s'est figuré
 6h pumpkin _____
 6o Underdog Excercised Heartily
 7a Our benevolent despot
 7e some of the n-jineers
 7j congratulations after a great play
 8a 907.1A474 kilograms
 8e lift
 8k _____, what, when, where, why
 8o a discoverer of radium
 9a Lacustrine Nautical Instrument
 9o You {sr}
 10a an Englishman Is Anlais Après Thé
 10o 300 to 3000 megahertz
 10k royal address
 10o Toronto Symphony
 10r 5l
 11a veteran's organization
 13a call TTC
 13i concerning the Round Table
 13s 2.7183
 14a 100
 14c campus library
 14o _____ for 112
 14k obsequious remark
 15a citrus drink
 15f burmese coin
 16a French name
 16e out of
 16l Eagleson client
 16q Greek letter
 17a Old Testament
 17f Brass wind instrument
 17k of the mouth
 17o milligram
 17r for example {latin}
 18c transit vehicle
 18h city at 4.55 degrees S, 29.39 degrees E
 18n accounting axiom
 19a "Goal!"



GRADUATING? A photographer will be on campus October 25th to October 27th taking grad photos of math students. For more details come to the mathSoc office. {MC303A}

Wanted: Any old aoolw programs, dead or alive, in card format. Needed for research and testing. get in touch with userid 'drforster' on the bun. {please have a listing with any compiler messages with them}

For Sale: AM-FM Stereo receiver with A-track tape player. \$75 or reasonable offer. Contact rkhope on the honeywell.

For Sale: PAIA P220 modular synthesizer. Ideal for serious anateur or small band seeking to expand inexpensively. Also would make nifty term project in conjunction with digital/analog converter and computer. \$150 or reasonable offer. Mail to plraede on TSS or Unix.

unclassifiable ADS

mathNEWS will print your ads free of charge. Just jot them down on a piece of paper and put it in our mailbox on the third floor across from the C&D lounge, or take it to Mathsoc and have them put it in our mail slot, or put it in the mail addressed to mathNEWS, MC 3038, or send them in the mail subsystem on TSS to userid mathNEWS.

BYTE

For sale: 2 copies of the May 77 Byte. This issue is rare. Due to a printers strike many Canadians never got this issue. If you want, or need, a copy; I have two copies for sale for only \$2. Contact: Mike Sargent {Run id - mfsargent} 884-6327



Positions are going fast!!!!!! Due to overwhelming popularity I will require a Reichsfuhrer in charge of concentration camps. These camps will be manned by elite crews. The inmates will be mere cultural inferiors such as AIA members, N-juneers and Artsies. We must be ready! The AIA invasion is set for Tuesday. All forces for the invasion of the "high school" across the street must be in battle positions by Wednesday. People may wonder who the person is who solicits so vigorously for the Imperialist Alliance -- I am Kid Paranoid {Reichsfuhrer Mathstapo}. Any messages for Kid Paranoid should be addressed to dwthorpe via mathNEWS.



NEW BRIDGE CLUB: Friday nights at 7:30. Adult recreation centre, 145 King St. S. \$1.50 per player. Novice games and contest {if you don't know what novice means, you are one}. Instructions and courses. Partners guaranteed.

There is also a club Tuesday nights 7:30 at the Y.W.C.A. 84 Frederick and {for now} Thursday nights 7:30 at Breithaupt Community Centre on Margaret.

TUTOR Wanted: Private tutor to help second year student with calculus. Fee is flexible. Please phone 744-5078 for info.

THE TIME HAS COME, THE WALRUS SAID...

There will be three candidates contesting the Federation presidency on October 25th. The candidates are Larry Smylie, the Students' Council rep from Renison, Jim Todd an Environmental Studies student employed with the Board of Entertainment, and Rick Smit a third-year student in Earth Sciences [Geology]. There are no elections in Math this term as Alex White and John Ellis were acclaimed as Regular and Co-op Fed reps respectively. Acclamations also occurred in Science and E.S. Regular. There is a four-way race for three seats in Arts between Don Salichuk, Margaret Kerr, Tim Little and Nash Dhanni. In Integrated Studies old rivals Doug Thompson and Sam Nagar face-off.

mathNEWS has invited the presidential candidates to submit their campaign statements for inclusion in this issue.

Presidential Candidates' Platforms

Larry Smylie

NO STATEMENT SUBMITTED

Jim Todd

NO STATEMENT SUBMITTED

Rick Smit

My name is Rick Smit. I am a third year student in Earth Sciences.

That problems exist in the Federation is not in question. The question is whether the next president will have the insight and forethought to realize what the problems are, and the energy and forcefulness to solve these problems. I believe I am that man. I am not a political animal in the Federation circus. I am a strong-willed, logical-thinking and rational student.

This being Math, and you being Mathies, my stand on the budget and monetary transactions might interest you. The Federation has mismanaged and misappropriated student funds. Students' Council has neither the ability to institute progressive budget policies nor the monetary savvy to expedite them.

Many of you, as CA Co-op math students, have the abilities and expertise to be of invaluable assistance to your Federation. You have a vested interest in these monetary dealings, and I am convinced that you could do just as good a job, if not better, as any CA firm.

Mathematics at Waterloo is one of the most respected academic faculties in North America. There are students here from all over the world as well as our own communities. This union of diverse interests and knowledge is one of the reasons for the high quality of education found in this faculty.

I would like to see this spirit of achievement be reinstated in the Federation. With your support and energies I am sure we can bring about a new vital and active Federation.

notepad

*Well it seems as if my column of two weeks ago produced some rather unusual results, the least of which were four scraps of paper in reply to my well justified and plaintive cry. From acpatel we have: FREE DTHEDMONDS YOU UPPER-YEAR IMPERIALIST SLOPS! Not quite logical but heartwarming nonetheless. From mekazmarczy {try and figure that one out folks} we have: FREE DTHEDMONDS, FROSHIES UNITEM Again a commendable attitude. Somewhat less than commendable however was an anonymous note saying: REAL DTHEDMONDS!!!! a cheap play on the SHAFT-PUN affair at best. This by the way brings me to an important point I would like to make right now. I will not allow people to use my column as a forum for their personal political viewpoints, no matter how minor or subtle they might be. Unless of course their viewpoints agree with mine in which case I don't mind.

Anyway let's get back to the fourth note from our very own pckelly. If anonymous was uncommendable kelly {of chrome bicycle fame} was downright disgusting, his note consisted of: FUCK DTHEDMONDS. Childish huh? Well, I won't say any more about that note. {Mainly because I can't think of a good comeback!} This does however just go to prove my point that those crass senior year students are out to crush froshies in their usual heavy-footed

and heavy-handed manner. But enough of that and on to success.

The success is that this rather pitiful response brought about the desired effect; I have been freed from my yoke finally. You see, your response, or rather your lack of it, showed just how well I am able to stir up that most destructive of all natural human qualities: APATHY!!

The mathNEWS Obermeisters now know that if they do not give me leeway and let me have a free hand, then I will raise the hordes of anathy out there just lurking beneath the skin of every mathie out there. Were such an event to come to pass, mathNEWS would surely die from lack of interest. So, in order to consolidate my position of power I am starting up Anathy International Association {AIA}. Anyone can join this association and participate in its lack of activities. This week we will hold our contest for MOST APATHETIC STUDENT ON CAMPUS. If you think you've won come out to a mathNEWS meeting and pick up your free T-shirt.



math ETICS

Monday night, the Math Sea-Horses took to the water against those infamous comedians, FASS. After a hard-fought game (four people actually got dunked), FASS came out on top, 26-21.

There were only two highlights in the game for the Horses. For the second consecutive week, our glorious president attempted to play goal. At 7 minutes of the second period, after a sterling save, he collapsed and drowned (application for the position will be accepted in MC 3038, the Mathsoc office).

The big highlight, however, was the play of a rookie on the team. In only her second game, after being imported from the States, Kathy, the frosh mathies from Michigan, scored 9 goals and generally kept the Sea-Horses in the game. Kathy wins the week's award as player of the game.

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In the other news on the co-rec scene, the Math Hacks broomball team play their first game of the season today (Friday) at noon at McCormick against Recreation. Tryouts will be held for the tournament on Nov. 4.

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Math B Basketball team remains undefeated with their 3-0 record. Next game Mon. 24th October, 9:30.

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Math Intramural Flag Football team has played two games since last issue. They lost them both. But one was close. So at 0-4, we have at least played more games than B Basketball.

GOES ROUND THE BEND!

What Is A Hack ?

The following is a copy of a letter I sent to several well known Honeywell users. They were all polite enough to answer and something of a discussion soon followed. It was so enthusiastic that my mail.box memory-faulted. (Bug inspected on the spot by eksiegerman)

hi. I'm writing an article for mathNEWS on "what is a hack?" what is your answer to this question? what things do you think a innocent frosh should know about hacks, either to become one or to avoid them like the plague ??? jma

The following is a listing of my mail.box, giving a few definitions by people who should know.

1 tjthompson Tue Oct 18 1977 19:41
refer to letter to sam 'n tak last term,
requesting help in love-life problems. a hack

Competitive Ball Hockey

Mathsoc suffered their first defeat of the competitive ball hockey schedule Monday night at the hands of the hardworking Recreation squad. Penalties hurt the team as Rec scored on both occasions when Math was serving minor penalties. They got off to a bad start as Rec scored on the first power play after only 25 seconds into the game and fell behind 2-0 on Rec's other power play mid-way through the first half. Trailing 3-0 at the half, Math closed the gap on a goal by Charles Ormrod early in the second half but were unable to keep the Rec squad under control. Greg Ross scored Math's only other goal but the opposition had counted three more times in that second half to hand Math a 6-2 loss.

Mathsoc's record is now even at 1 win, 1 tie and 1 loss. They are currently tied with St. Jeromes for third place in the B division. The top 4 teams make the playoffs. So the team will have to earn the playoff position in their 3 remaining games. The next game is Monday, October 24, 8:45p.m. at Seagram's gymnasium.

It's five a side ball hockey, two 20 minute halves, complete with rules and referees. Mathsoc has a turn-out of 8-10 players. If you are interested in playing, the team captain is ROB COOKE (886-3225) but you must participate in 2 scheduled games to be eligible to play in the playoffs.

Team	Points
Coco's Nuts	6
Recreation	4
MathSoc	3
S.J.C. Alki's	3
West E	2
System Design II	expelled

is someone who would rather program than drink, smoke up or chase women. the term used to imply some expertise, but there are many inexpert self-proclaimed hacks these days.

? mdniemiec Tue Oct 18 1977 20:26
i think that innocent frosh would probably be best advised to avoid becoming them like the plaque. however one can absorb a lot when in the near vicinity of hacks.

3 rjhoward Tue Oct 18 1977 20:29
THIS SOUNDS PRETTY SINISTER. A JOURNALIST (PSEUDO-?) (OP EVEN A HACK) TRYING TO DIVULGE THE DEEPEST, DARKEST SECRETS OF ALL HACKDOM (I.E. WHAT IS A HACK?) OF COURSE, ONE REALISES THAT A HACK NEVER USES AN UPPER CASE TERMINAL SO EITHER I AM AN IMPOSTER OR BEING HELD HOSTAGE AT GUNPOINT EVEN AS I TYPE THIS (NOTICE THE SECRET QUIRKS I AM INTENTIONALLY PUTTING INTO MY SENTENCE STRUCTURE TO ALERT YOU TO THIS?)

ACTUALLY, THERE ARE TWO SCHOOLS OF THOUGHT AS TO WHAT A HACK REALLY IS. VERY, VERY BRIEFLY THEY ARE: 1) A DEMI-GOD WHO KNOWS EVERYTHING

(continued on page 1104)

(continued from page 1103)

ABOUT COMPUTING IS AN EXTREMELY IMMATURE PERSON WHO IS SEEKING AN ALTERNATE OUTLET TO THE MORE TYPICAL SOCIAL ONES. IN ALL FAIRNESS, ALBEIT BOTH THESE EXTREMES CAN BE SAID TO BE REPRESENTED, I THINK THAT THE "TYPICAL" (IF SUCH A BEASTIE EXISTS) HACK LIES BETWEEN THE ABOVE TWO EXTREMES. I REALISE THIS INSIGHT IS REALLY VERY SHALLOW, BUT WHAT CAN ONE SAY. ANYWAY, I HOPE THAT THE ABOVE IS SOMEWHAT USEFUL. AND IF BADGERED, I MIGHT EVEN PROVIDE MORE DETAIL AND ELABORATION.

5 ghashton Tue Oct 18 1977 20:34
hacks do not exist anymore

6 jgeorge Tue Oct 18 1977 20:37
a hack is someone who thinks he knows how to program a computer well at one time it meant the people who designed and built the programs that were loved by everyone, but as time passed the name hack was adopted by others and the good programmers dropped.

7 jgeorge Tue Oct 18 1977 20:37
The last msg was from peter fraser
{pjfraser}

8 rjhoward Tue Oct 18 1977 20:40
ABOUT TIJET'S COMMENT "THE FACE OF HACKDOM HAS CHANGED" I WOULD MOPE SAY THAT'S ITS THE CHARACTERS WHO HAVE CHANGED RATHER THAN THE ROLE IE. NEW HACKS SHOULD BE LIKE THE HACKS ONCE WERE TO SOME DEGREE.

9 jgeorge Tue Oct 18 1977 20:40
I think dconroy is the classic hack. Think of his attributes

10 rjhoward Tue Oct 18 1977 20:40
OR PERHAPS ITS BECAUSE HACKDOM HAS BECOME INSTITUTIONALISED

11 jgeorge Tue Oct 18 1977 20:44

13 ghashton Tue Oct 18 1977 20:41
how about a guy who spends most of his thinking {?} hours thinking about computers

12 jgeorge Tue Oct 18 1977 20:49
Peter decided that his definition of a hack holds only for people who consider themselves hacks. I still partially disagree.

13 ghashton Tue Oct 18 1977 20:51
how about a guy who would write a towers of hanoi program in roff?

17 eksiegerman Tue Oct 18 1977 22:33
For what it's worth, my definition of a hack is as follows:

A hack is a person who spends a significant amount of his spare time working with computers. (Hacks are often employed in computer related jobs, but time spent at work doesn't count). In order to be classed as a hack, one must be quite proficient in one's chosen area of computing. A hack doesn't have to know everything about everything, or even something about everything (although it can't hurt), but he must know an awful lot about something. His area of knowledge must be non-trivial (ie. knowing everything there is to know about games/spacewar doesn't qualify one to be classed as a hack, but being an expert on computer games in general does). Hacks are known for their devotion to computing at the expense of most other activities. This doesn't mean that they don't

do anything else, but if one encounters a hack in conversation, there's a good chance he's talking about computing. A hack is reasonably useful. He may spend time trying to take over the system, but he does other useful things which redeem him.

I add a final few observations: a hack is someone who has used a keyboard for the past five years and still can't type a 20 character command line without making a mistake.

- a hack is someone that you find using the 'bun at 4:00 AM and he doesn't even have an assignment due and he's not playing spacewar.
- a hack is a hack is a hack. Any more would be too much.

-J.M. Anderson

SIR R Reports

You may notice that I have a couple of articles in this week that aren't in the same column as usual (in other words there's two Sir R.'s). The reason for this is that I have two topics which I consider very important, and to start my column with either one would mean burying the other somewhere underneath. Thus by doing it this way I get to feature both issues. (and besides, last week I didn't have a column).

Guess what gano? It's presidential election time again. Yup, here we go again, off on another round of the presidential merry-go-round. The man who wins this election will not only serve out the end of the current term which ends in February, but may well end up leading the Federation through the difficult times in store for the next year and a half. The role of the next president is going to have to be one of fence mending, and re-organization in the coming months. He's going to have to get the Federation council working in useful directions, and also help solve outstanding problems which he will inherit such as the chevron affair.

There are three candidates running for this position, of which one I am most definitely against, one who I don't believe would make a effective Federation manager, and one who I have confidence in, and thus I am supporting him.

But who are these characters you ask? Well briefly they are Larry Smylie, Jim Todd, and Rick Smit. But let's discuss them in more detail.

Larry Smylie- What can I say about Larry? I mention him first simply to get him out of the way. He is a 47 year old Federation councillor who represents Renison. In my opinion he does not have what it takes to be a Federation president. Although he sometimes has some good ideas he apparently has no conception of how to implement them. Instead he ends up antagonizing almost everyone he meets. A Federation president has almost no power alone, he must have the support of councillors to get anything done. Virtually nobody on council, except save one, supports Smylie. Thus I can see little hope of him ever getting anything accomplished if he were president.

Jim Todd- Jim is an arts student who served as a paid co-ordinator for the board of entertainment in the summer. He is currently

(continued on page 1105)

(continued from 1104)

a co-chairperson of that board having assumed that position jointly with Bruce Morrison following the ousting of Bruce Leavens. In my view he doesn't have the proper qualities needed to be a Federation president {few people have}. Certainly during the debate over the running of the board of entertainment which has ensued in council recently, he has appeared indecisive, unwilling to take a stand either way. He was fence sitting, not wanting to have to take a position against either side. A president must be decisive, and sometimes this means taking action which is right although personally it may not be comfortable. Although Jim seems to be a nice guy I don't believe that he has the leadership qualities necessary. A president must also be able to manage the Federation and to be able to give some direction to its course. It doesn't seem that Jim has this type of personality, he may do a good job as a board chairperson, time will tell this, but I don't think that the presidency is his bag.

Rick Smit- As I have said, Rick Smit is the candidate that I am supporting. He is a third year science student who has had little involvement with the Federation in the past. He has many of those qualities that I find lacking in the other candidates. He is cool, level headed, and an extremely logical thinker. Once others in the Federation know him better I believe that he will be accepted as a leader and certainly he is in the best position to set the Federation back on the right track. Although he hasn't been with the Federation before, I believe that in his case this is an advantage, especially at this time. He should bring some fresh ideas and approaches to an organization which is badly in need of them. He has very quickly picked up the threads of whats happening in the Federation, and whats gone wrong with it. Since I've met Rick I have become quite impressed with him, especially since this campaign got into full swing. As far as the positions that he stands on I can see very little conflict with my own views. In some areas he may be more moderate, but everyone knows that I go a little overboard {anybody would go whacky if they were in my position}. I really believe that of the three, {really two}, choices available, Rick has by far the best chance to bring competence to both the presidency and council.

So there you are, my views on the candidates. You can take them or leave them, although I wouldn't mind if you would consider them. As I say, I feel that Rick Smit is the best choice, and really the only possible choice, at this time. As I said in my other article, please vote, no matter which candidate you feel would do the best job. It is the act of voting that counts, the act of making a logical choice of who should lead your Federation. Math students vote on the third floor of the Math building, right in front of the lounge. Polls are open from 9:00 A.M. to 4:00 P.M. on Tuesday the 25th. The best time to vote is while classes are in progress, as there are usually line-ups between classes. Be sure to bring your I.D. card. So vote, and become involved in your Federation.

Steve L. Resto

accident?

VANDALISM!!!

There have been a number of incidents of vandalism in the Debuq and WIDJET areas of the Computing Centre. The Computing Centre has been advised that if this vandalism continues, there will be no alternative to closing the public areas on week-ends and in the evening.

In view of the heavy usage of Debuq and WIDJET {10,000 to 13,000 jobs/day}, we know that everyone benefits from leaving these areas open to the public as much as possible. Please help us ensure the longevity of the open-door policy by reporting any vandalism or acts of mischief to the Security Department.

J. W. Dodd, Computing Centre Associate Director

The TAKITH Prize of the Week

The TAKITH Prize of the Week goes to the fuddy-duddies in the Honeywell administration who restricted the opr-hw shell command on Unix just when I had learned how to get hardcopy out of the system. Now I have to sit and watch the expl files go whizzing by, boo hoo! Actually, I have the sneaking suspicion that they were slightly influenced by my attempts to get large portions of the programmers' manual printed out. Is there anyone out there who can tell me what's going on? huh? anyone?

If you've bothered reading this far, you notice the prize recipient this week did nothing really compelling one to shout "That's a kick in the head!!!", but that's only because I had an unusually good week and no one gave me any nominations so I had to nitpick. Mail to plraade on TSS{or Unix} if you have any ideas. As long as you're reading this, there's no truth to the rumour that Mathsoc is giving out free razor blades to people who failed their midterms. That policy was cancelled last year after a redecoration was forced by some overenthusiastic frosh who couldn't wait to get back to his bathtub. Now go work on the gridword.

MAILBOX

Dear mathNEWS:

Why isn't grass blue? The sky is blue, water is blue, so why isn't grass blue? Could it be that grass is very happy therefore it never has the blues? So then why isn't grass red? Grass isn't red because it never bleeds? Then why isn't grass yellow, for old people may be yellow and grass is older than old people? Grass isn't yellow because it isn't cowardly, it gets decapitated every week. Then why isn't grass brown since people walk over it with wet, muddy shoes? Grass isn't brown, any fool can take a look at grass and see that it isn't brown. Who ever heard of brown-grass? I've heard of blue-grass. Therefore grass must be blue.☹☹☹

Don't criticize what you can't understand☹☹☹

h.l.u. grass

FEDERATION

In this week's column I shall talk about some topics that may interest you as the referendum and elections approach. You may not be impressed by either the candidates or the issues, however there are sufficient differences in the candidates, so I urge you to examine the issues and vote. I have played some part in this years elections, but I am not as active as I have been in the past. Still I have formulated a few ideas on the issues that may enlighten you.

-----*-----

Aborted Chevron Referendum

For the first time in his short presidency I thought that Eric Higgs was taking action. He had put a question on the referendum giving students the choice to decide whether they wanted the chevron separated from the Federation. I supported such a move and was beginning to campaign for an independent chevron. The advantages of an independent chevron are enormous and I will talk about them in a future column. The problem is that my plans were scuttled, when Eric Higgs, seeming to crack under chevron pressure, gave into chevron demands and cancelled the chevron referendum questions. As you can tell I am very upset at the cancellation.

-----*-----

Refundable Fees

After much thought on the issue and many columns in mathNEWS, I have made my position clear to you. I oppose the implementation of a completely refundable fee. Such a thing can in some ways be compared to Trudeau instituting a completely refundable income tax. Our government wouldn't run with refundable taxes, and I don't think refundable fees can work in the Federation. Refundable fees do work in faculty societies, but they are much smaller organizations with much lower fees. The Feds can reduce their fee, but can't cut it too much or the level of service will decrease. Other alternatives to completely refundable fees are possible and I have discussed them in the past. I strongly recommend that you vote against completely refundable fees in the October 25th referendum.

-----*-----

Presidential Election

For the first time in three years, there is no chevron or AIA candidate for Federation president. This time we have three candidates running for the position. They are Rick Smit, third year Earth Sciences student, Larry Smylie, the well-known (but not necessarily popular) Council rep from Renison, and Jim Todd, an Environmental Studies student and Federation employee.

Jim Todd is a nice person, however his position towards entertainment has been somewhat confusing. Jim Todd seems to have difficulty in formulating a definitive statement on the issues. He is not the type of person that I could support for president.

Despite his flaws, Larry Smylie actually has some good ideas, but he seems to have great difficulty in presenting his ideas in an understandable manner. Instead of getting people to support his ideas, he tends to antagonize people by his actions, thus

hurting his aims. His position on refundable fees seems variable, seeming to change according to the political winds. Despite his many years of political experience, quite frankly I do not believe he has the capability or maturity to be an effective Federation president.

While Rick Smit does not have experience in the Federation, I do not see that as a liability, considering the record of some of our recent "experienced" presidents. Rick Smit has a great deal of outside work experience in many areas. He has some interesting ideas on transportation, society relations and budgetary reform. He had raised a number of important issues in this campaign. I think that he will bring innovative ideas and approaches to a Federation that needs these things. Every so often an organization has to bring in new people and new ideas else it will stagnate and collapse. It is for these and other reasons that I am supporting Rick Smit for Federation president.

JJ Long

THE TROB'S
ARTICLE AS
DICTATED TO pckelly

"a"

THE END

Exil Q. Trob

THE TROBS ARE TICKLE

Welcome to the definite Trob article (an indefinite article appears elsewhere).

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Our computer-of-the-week is the microMOVA in the minicomputer lab. It looks funny because the Volker-Craig terminal next to it replaces the detachable front panel unit.

-----*-----

Confidential to RRIM: try using "{ser}"

-----*-----

Runour: TSS under GCOS 9 will initiate terminal sessions with the message "cp connects".

-----*-----

Punk Rock comments:
"It's not that much worse than disco..."
"I like it. I also love dead baby jokes."

Ramblings, Ravings, and Incoherent Mumbles

Welcome to RRIM, one of the few columns around which lives up to the claims presented in its title. Since I haven't yet learned how to make photon put in those neat little squiggly paragraph-separators like the TROB does, you will have to make do with blank lines, and I can't guarantee them either.

Good news and bad news about WASP {Waterloo Association for the Simplification of Plurals}! The good news is that our cause has been placed at #37 on the AIA's list of Relevant Social Problems of the Fascist Canadian State To Be Solved Before Next Weekend. The bad news is that ahead of us are items like #31 Persuading the entire set of n-juneers to gangbang Maureen McTeer, #27 Resurrection of Sacco and Vanzetti, and #11 Execution of all Pure Mathematicians who insist on dealing with equations of more than ten variables, and the list seems to be moving slower than the WIDGET job queue {impossible, but true}.

Which brings us to our favorite subject, the Scource of the second floor, WIDGET itself {Please, no anthropomorphisms}. No one seems to have figured out what the name means {any suggestions?} since none of the conventional obscenities seem to start with these letters. Let it not be said, however, that WIDGET cannot be fun. Looking through "Really Cheap Thrills in the M&C Building", by Melvin Snidhofer {he seems to have the same publisher that Kilgore Trout does!} I came across several games that can be played on those neat little VC terminals:

1) Musical Runs: Everyone in one tutorial room takes the same program from a GET file, types in RUN, and when the music stops presses Ψ return. The lucky slob who ends up in queue position 24 gets to sign off and go to the C.C. pub. The game continues until only one person is left, who gets to try and sneak into MCEP whatever and firebomb the PDP-11 running the system.

2) WIDGET S&M: In this delectable amusement, the victim is seated on a large block of ice with a noose around his neck attached to the ceiling. If the victim successfully DEArchives, RUNs, and PRINTs a WATMAP program, a cooling unit is turned on, preventing the block of ice from melting. Note: this torture is invariably fatal unless there is at least three feet of slack in the rope.

3) The Guinness Book of WIDGET Records: Nominations are open for the categories:
-most time spent in a RUN queue
-highest queue position {30 last count}
-longest time spent waiting for the archive system to go up again
-highest number of consecutive strikes of the Ψ return key.

Attention, all you froshi out there who have TSS accounts! WE are forming an association of apprentice hacks, or Hacklines for short. Main purpose: to help each other figure out what the hell is going on with the 'bun. Secondary purpose: to send rude messages to each other. Mail to the address at the bottom of the column your full name, address, and phoned.

Would all you people out there who understood last issue's CSCFlash raise your hands? Ah...good. Both of you are ordered

to report to MathSoc for immediate rehumanification by intravenous injection of C&D coffee.

No one won {ie, 3 in binary} the free t-shirt offered last week for designing a polyhedron unstable on all of its faces, mainly because it's not possible {conservation of energy and a few other laws are violated}. Yes, I know it's unfair, but so is the entire Math Faculty. That didn't stop two diehards from trying: my old buddy Duncan Murdoch who designed a polyhedron that sheared into pieces {none of which satisfied the conditions} and JJLong/TJThompson, you can take your choice, who designed a concave polyhedron that didn't even sit on any of its faces {tricky guys, but not quite right either}. Ah well, it's gratifying to know two people read my column. All subsequent contests will be solvable {soluble?}, honest to Bruce Springsteen. This week's problem: Luscious Marcia Mathie, the darling of IA, was out rowing on Circular Lake the other day when, upon reaching the centre, she noticed Eunuch the Engineer at the water's edge. Marcia could run faster than Eunuch {poor fellow kept tripping over his tongue} but owing to the fact that her pectorals got more exercise than her biceps, she could only row * times as fast as he could run. Find the maximum value of * that spares Marcia the embarrassment of Eunuch's feeble attempts to prove his masculinity, and give details of the young lady's strategy to get away from the creep. Optimization people and anyone who sits within earshot of me in AM217 are automatically disqualified; the first few respondees should get their name in this column {nothing to brag about}. Thanks to Stud McGee for inspiration.

Latest word on WIDGET SUCKS t-shirts: They are available in any colour from mpkraatz, with WIDGET SUCKS on the front and either COBOL, MATFIV-S, or WIDGET SUCKS on the back. They cost 3.50; but rumour has it a competitive concession operating out of Mathsoc may be soon selling them for less. It depends on how desperate you are.

This column is interactive, which means ~~your~~ comments would help a lot. Send criticisms, threats, solutions, ideas, and random babbles to p1rande via TSS, or scribble them on a discarded engineer and drop them in the mathNEWS mailbox.

Remember, Woody Allen is almost God!!!!!!!!!!!! -pogo

MOR KNOTZ

I received one solution to the puzzle knot from FRAX. I will mail you, F, but for the others I'm knot telling.

STUDENTS

TREASURER RESIGNS - NEW ONE WANTED

The position of mathSoc treasurer is now vacant due to the resignation of Martha Coutts last week. Nominations for treasurer will be open until October 27, 1977. Nomination forms may be picked up at the mathSoc office {MCEB07A}

Friends, Students,

Mathies:

Friday November 4

Broomball Tourney
All day event
St. Clements Arena

Saturday November 5

Pinball Tourney
12:00 noon in CC

All night movies
8pm in Campus Center Great Hall

Monday November 7

Slide rule contest
12 noon M&C
Third floor lounge

Tuesday November 8

Wine and Cheese Party
Music from 8-1 M&C 5134
Free admission to mathies

Wednesday November 9

Molson's Tour
12 noon Bus service provided
to Toronto [unconfirmed]

Bridge tourney 6:00pm
M&C 3rd floor lounge
\$1.00 per person

Thursday November 10

Table hockey tourney
10:00am M&C 3rd floor lounge

Friday November 11

Semi-Formal
Waterloo Motor Inn
Chelsea Morning
Dinner at 7:00
Dancing 9:00-1:00

WORKERS NEEDED!!! See Andy Mueller for details.

COSMIC PROFUNDITY

How to take an Interview

Now is the time when Co-op students are taking their interviews. You may wonder how you can insure a successful interview. Follow these simple steps and success will be certain.

1. Say nothing initially -- the last thing the interviewer wants to hear is the sound of your scratchy voice. Remember he holds your life in his hands.

2. Ascertain your employer's political and sexual orientation. You wouldn't want to work for a Communist Throg.

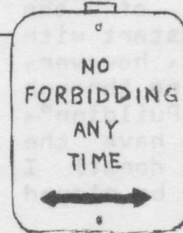
3. Ask poignant questions like, "who cuts your hair" and "have you been deformed since birth".

4. Fall asleep during the interview. The interviewer will know that you know it all already so he won't have to waste his time training you.

Always say "I don't know", "I don't recall" and "Where do you get off asking a question like that".

Yes, if you follow these steps you will have a very successful interview. You won't have to leave the security of the University for WORK.

-Kid Paranoid



Next MATHSIC meeting will be held at 7:30pm on Tuesday 25, 1977. Probable location will be in the Campus Centre. Check the calendar outside the third floor lounge to be certain.

A gaming session will be held afterwards.

Welcome to yet another masthead... it is now 7:55am on thursday... what a week... we had a lot of material; few typists; and an unworking photon... which is why we went back to an approximation of the old style mathNEWS... a number of articles did not appear this week because of problems in converting from photon to manual... hopefully next week... mathNEWS is a mathSoc funded event which occurs on an irregular weekly basis. This issue of 12 pages will be cloned by Graphic Services into 1200 copies for distribution to whoever grabs them first.

Our staff this week consisted of DAVE GILLET who trobbled after midnite on radio waterloo; in the sports department we had fuzzy, doug and "I'm leaving now, for sure" KELLY; ARWHITE and KADORKEN confronted a reluctant photon (and lost); DAVE THORPE was co-opted; the KNIRPsoc executive were around again with their usual luck; WIL MACAULAY argued with langour; JOHN ANDERSON hacked away at this issue; special THANKS to RUTH HARRIS, GILLIAN TEICHERT and a shy froshi (who took pity on us) for their typing efforts; PJKRISTENSEN was ristoed to a terminal; PRABHAKAR had many eager admirers RAGDE; to the bridge club for leftover coffee Wednesday nite; J.J. had a LONG smile; for wordy excess we had STEVE RISTO; STEVE might be unLOCKED next week; Brian kept promising to help as soon as he finished his assignment... not done yet? Sole responsibility for the layout of this issue rests on the managing editors since everyone else had gone home... who by the way is DENNIS MULLIN... *sigh* i just took a look at how much more space i have to fill up...

So here's a few announcements to clutter the space up: mathSoc finally got t-shirts in... however they are frosh t-shirts (which we wern't supposed to get)...oh, well they're only \$2.75 each... the other t-shirts are \$2.50 or \$1.50 or \$1.00 each (depending on type)...; people are needed to help out with the GREAT MATHWEEK events... see Andy Mueller; it is now 8:45 and since i do want graphic services to put this out by monday... i think i'll sign off... nite all.....

system ?loqo

**cost: \$ 11.85 to date: \$ 414.61 = 20%

**on at 22.910 - off at 8.769 on 10/20/77