

October 27th, 1978  
Volume 18 Number 6

# math NEWS

## Chevron Fees Frozen

On October 24, Federation President Rick Smit froze the account containing the fees collected for the Chevron. In a letter to Chevron Editor David Carter, Smit stated that there were "insufficient funds remaining to pay salary costs for the remainder of the term." He also stated that "if salary costs are to be maintained until the end of the term, the account is **already** (his emphasis) \$2400 overdrawn." The Federation is liable for all debts incurred by the Chevron before they incorporate; and therefore, on the advice of their lawyer, hold a reserve fund to cover debts which the Chevron might default on prior to incorporation. The Fee Account has been frozen, and "no further disbursements, including October salaries, will be permitted on the account until such time as the Chevron incorporates." When the Chevron does incorporate, says the letter, the liabilities will be resolved and any money left over will go to the Chevron. The letter closes with the statement, "We look forward to the incorporation of the Chevron, and the resolution of the Federation's liabilities, as soon as possible."

In a telephone interview, Carter stated that there was "no problem" with the budget; although they would "have to check which bills the Feds have deducted" before he could give a final verdict on the Federation figures. He referred to an article in last week's Chevron saying the Federation deducted a bill for \$400 which the Chevron claims the Federation should pay because of an agreement signed at the time of the "Shane Roberts vs. the free chevron" conflict. He stated that "It certainly shouldn't have been deducted from the current budget." Mr. Carter further stated that advertising revenues are about \$1200 a week and go into a different account than the one frozen by Smit. Carter concluded the interview with statements pointing out that The move was done with "no consultation at all, which is typical of the man" and "Smit refused to even talk to a Chevron reporter this morning."

Jim Bakker

## SUBVERSIVES INFILTRATE MIDTERMS!!!

- special to mathNEWS --- A scandal of grandiose proportions has arisen on campus after the appearance last Monday night of three subversive agents during the CS 250 midterm examinations. The intruders, believed by some to be members of the Association of International Assholes, were wearing silly disguises so as not to be recognized by local police. Students writing the examination complained about the disturbance, saying that they were unable to concentrate on the exam material.

Preliminary reports from the tutors marking the midterms indicate a mean mark of approximately 12/83, or about 14.5%. There are no plans to adjust the marks.

Mathsoc  
Hallowe'en  
Pub  
South Campus Hall  
Saturday,  
Oct. 28

Featuring:  
**TEMUCHIIN**  
\$1.00 off with  
costume!

Prizes for best  
costume

Doors open at 8:00



# math ETICS

## MATHLETICS

As far as Mathletics this week, my time has been severely limited by mid-terms et al, but the sports kept on going. Both soccer teams ended their seasons last week and neither will see playoff action. Going into their final games it was still possible to make the playoffs, but both teams lost, so that ends it. The A team had number problems, failing to put 11 men on the field, while the B team could have used a bit more experience. The B guys were mostly frosh, so they'll get another chance next year.

Both ball hockey teams remained undefeated, the A team tying last Sunday's game while the B team won 4-2 on Monday.

The flag football team have one game left to play and that will determine their playoff schedule. If they win, their 2-3 record might give them a chance at another game.

Basketball scores may have been incorrectly reported last week, I was not at any of the games and had to depend on others for the results. Hopefully I get a chance to see the teams play before the season ends.

Volleyball is still going on but one whole team seems to have disappeared. Our team 2 has not had many people out, so if you want to play just join in on Thursday night. Co-rec broomball gets underway next Tuesday night and we have to get a team together. The games are at Queensmount Arena and anyone with transportation would be a great help; we still need a captain too!

## ICE HOCKEY

The Math B team got the season underway with two wins, 4-3 over Arts and 4-1 over the Alchemists. Math grads played an important role in each game. Warren Smith scored the team's second goal of the season for an early lead against Arts, but it was his second goal, with less than two minutes remaining that broke the 3-3 tie to give Math the win. Chris Lane had opened the scoring for Math, while Tom Pequegnat got the other goal.

On Monday night it was Math grad Alain Messier's turn to help out. The chemistry team had a 1-0 lead at the half, then Alain scored, set up the next goal, and the guys went on to their second victory.

The Math A team played their first game after publication time, so no results can be given.

November features the three largest items on the Mathletics budget...the Math Society vs Math Faculty Broomball game, the MATHWEEK Broomball Tournament, and the Mathletics Banquet. There will be something on the banquet in a future issue, next issue will have more information on the broomball tournament (Fri Nov 17), so that leaves the Society/Faculty game for this issue.

Way back in 1966 there was a trophy donated by a then local brewery and dedicated to the University of Waterloo student vs faculty broomball game. According to the trophy the students won the game of '66 by a 3-2 score. Somehow the history of the trophy is missing until 1977 when Mathsoc got it. Obviously it sat around for a while, probably in the fed offices, until it was decided that the Mathies, by far the best broomballers on campus, should become holders of the trophy. It is currently on display in the glass enclosure in the third floor foyer; it's the one with the old Carling symbol and the broken victory cup.

Each fall and winter term Mathsoc, in co-operation with our fifth floor friends, play a fun broomball game. In Fall '77 the game ended in a 2-2 tie but it isn't easy to get a line on what happened in the winter term. To be totally honest the faculty team won the game by one goal, probably 3-2, but of course that won't be found on the trophy (for some unknown reason no one in Mathsoc sent it to the engraver). The faculty team included McGee, Scoins, Beach, Steve Brown, Rob Brown, Bev Marshman, and Cynthia Struthers. Those are all legitimate faculty members so we couldn't even accuse them of bringing in ringers.

The game this term will be played on Friday Nov 10, 2-3pm, at St. Clements Arena. The Society team is being formed of Math people who do things for the rest of the student body. Hopefully the team will be composed of representatives from Math Council, Watsfic, Coffee & Donuts, CSC, MGB, mathNEWS and so on. The Faculty team has yet to give us a roster, but is usually made up of any profs who have the interest and time to play. Hopefully even the Dean will make an on-ice appearance.

If you have a mid-term scheduled on that day and time then you can assume your prof is not a broomball player. We certainly can't advocate cancelling or skipping classes for something like this, but every effort is made to arrange the game at a time which is most convenient for everyone. Spectators are definitely welcome, and cheering for the students is even encouraged. The game is intended to be fun; the St. Clements Hotel is just around the corner and a good place for post-game strategy. It's really not a bad prelude to MATHWEEK.

## Watsfic Presents

As the illustrious president of Watsfic, I am pleased to report that we the members of Watsfic are bringing in as part of Mathweek, for the edification of science fiction fans everywhere, the following movies:

- 1) Futureworld
- 2) 2001: A Space Odyssey
- 3) The Andromeda Strain
- 4) Colossus: The Forbin Project

These movies will be shown in the above order commencing at 9:00 p.m. on Wednesday November 15, 1978 in the campus centre. There will, of course, be no admission charge.

If what you have just read seems to bear a resemblance to something you may have read last week, be informed that this is a confirmation of last week's tentative plans.

We are hoping to put out Starsongs, our science fiction newsletter sometime in the not too distant future. The problem is, we have little or no material from which to manufacture it. Any and all submissions of a science fiction related nature are welcomed. Actually, they are desperately needed.

I would also like to announce, unofficially, the naming of Jan Gray, our resident pre-frosh as the unofficial Watsfic mascot. This appointment was an unofficial unilateral action taken by myself and it does not have the official support of the Watsfic membership.

To wrap it up, I would like to point out that our membership has reached a record high this term, and any new members are still more than welcome.

gvbezoff  
Pseudo-President



## GUIDE TO ARTWORKS(?) ON CAMPUS

For those of you not in the know, some of those funny looking metal things strewn about the campus are actually considered works of art. And seeing you didn't know that, maybe you better go out there and get some culture. So here is a guide to most of the works on campus.

### QUASAR

Location: inside front entrance of math building

Description: This is a brown mass of something or other. With a little imagination you can look at it and see an orgy, a brain, or just a pustulence. I recommend looking for these things in installments as staring at it may make you sick.

### RELIEF SCULPTURE

Location: between CC and PAC

Description: This is three separate metal works of art mounted on a cement post. You have to look at it several times before you realize you're not interested in it at all.

### BREAK

Location: outside math building

Description: Break has been called many things. It can best be described as looking like a large broken egg. (and being about as much use as one.) Rumour has it that it was modeled after a dinosaur egg found while building the University.

### TRIAD

Location: outside B1

Description: This is the black iron thing you meet just before going under the link. It looks like a drunken Civil Engineer's attempt to build a windmill with old bed-frames.

### CONVOLUTION 69

Location: used to be on a grassy knoll between B1 and Arts Library

Description: Only a rude wooden platform remains covering an area of cracked and broken concrete stained with the life blood that once was (as it was effectonately called) 'The Worm'. Here is a chance to give a moment of thought to all the great art works ever destroyed and pray that such a loss will be prevented in the future. (Fortunately, everyone is happy it's gone)

## MERELY MEDIocre TRIVIA TEST

Dedicated to Stan (the man) Mikoluk for saving us from ONE mistake.

Well folks we did it again. Last week we called the work of art in the main entrance to the Math building "Convolutions". Convolutions was the "worm" which was bombed last year and used to sit near the Arts Library. The correct name for the work of art is "Quasar" (thanks to RFCOLLINS). Our apologies to anyone who cares. Now, for this week's test.

- How many stairwells are there in the M&C building?  
a)5 b)6 c)3 d)4 e)7
- How many buildings are dedicated as "Math" buildings?
- How many 360's are there in the Math building?  
a)1 b)2 c)3 d)4 e)0
- In what colour is the word "Mathsoc" painted on the wall of MC3038?
- When was the Student vs. Faculty Broomball game started?
- Where is the Chevron office?
- How many fountains are there on campus?  
a)2 b)4 c)6 d)8 e)0 (not drinking fountains)
- Approximately 65 students are in Integrated Studies. True or False?
- How many executive positions are there on Mathsoc council?  
a)6 b)8 c)10 d)12 e)One for each person who wants one.
- How many "chevrons" are there on the University shield?

## A LIVING MIRACLE ON STAGE

Diane Dupuy and her company *THE FAMOUS PEOPLE PLAYERS* perform black light theatre with life-size celebrity puppets and is appearing as a replacement family-style show for *Anne of Green Gables* at the Humanities Theatre on Tuesday, October 31.

Appearing as guest artist with the company is *CELIA FRANCA*. Tickets are \$7.50 for students and are available at the UW Arts Centre Box Office, Room 254, Modern Languages building.

## GRAFFITI OF THE WEEK

Widjet sucks, M6800 bytes!

## Blood Donor Clinic

Nov. 29 and 30  
Math and  
Computer lounge

## ETAOIN SHRDLU

For a while there, it looked as if disco was taking over. The Bee Gees, who had been a hit for years with their Beatle-styled pop, had the biggest success of their careers when they went disco. *Saturday Night Fever* (and its soundtrack) is well on its way to being one of the biggest movies (and records) of all time. And even the Rolling Stones' most recent singles have shown a definite disco influence.

Through it all though, it seems obvious, at least to me, that good old rock and roll is bigger than ever. Consider these facts: Three of the most successful new acts in recent years have been Boston, Foreigner and Meat Loaf. And no matter what you think of the content of their music, you've got to admit that the style is pure rock 'n' roll. The Rolling Stones and The Who, arguably the two best rock bands in the world, have been dominating the charts lately with a couple of albums that, despite a few minor lapses, offer more all out rock than anything else. And even Linda Ronstadt, who is usually categorized as a country singer, has released an album that rocks unashamedly.

Last week, I picked up a couple of albums that do a pretty good job of summing up this trend. The first was *A Tonic For The Troops*, by The Boomtown Rats. Aside from the fact that the Rats are a six member New Wave group from Ireland, and that they make brilliant albums, I don't know a thing about them. *Tonic* is their second album; their untitled debut album was released here late in 1977. The two albums are fairly similar. There's nothing new or innovative here, but these guys have obviously done their homework, and both albums rock along like mad. As you listen to them, you keep thinking that you've heard this all before, and you probably have. The difference is that the Rats play this stuff with a passion, and an energy level at least three steps ahead of most other groups around today. There are several standout tracks on *Tonic*, but if I had to pick one, I'd go with "Rat Trap". It opens with a driving sax solo, and has an almost hypnotic, two note bass line in the chorus. *A Tonic For The Troops* isn't for everyone, but if you're still convinced that the New Wave began and ended with the Sex Pistols, then you should give it a listen.

## MATH FACULTY PRE-REGISTRATION FOR SPRING/79 TERM

All Co-op students who will be off campus in the Winter/79 term and returning for classes in the Spring/79 term should pre-register during the period November 8 - 10/78 with an appropriate Faculty Advisor at the times indicated below. *NOTE:* Regular students who wish to pre-register for the spring term are requested to wait until the winter term.

- (1) All 1A & 2A Honours and General students (except Honours Co-op Applied Math and Co-op Teaching Option students) pre-registering for 1B & 2B respectively:

Thursday, November 9 9:30 a.m. - 11:30 a.m. MC5158  
1:30 p.m. - 3:30 p.m.

Friday, November 10 9:30 a.m. - 11:30 a.m. MC.5158  
1:30 p.m. - 3:30 p.m.

- (2) All co-op Honours Applied Math (with Engineering electives) Option students should see Prof. M. Snyder during one of the times listed in (4) (vi) below.

- (3) All Co-op Teaching Option students (Honours and General) should pre-register with Prof. R. Scoins in MC.5199 on Wednesday, November 8/78, 1:30-4:00 p.m., or Thursday, November 9/78, 10:00 a.m. to 12:00 noon, or Friday, November 10/78, 1:30-3:00 p.m..

- (4) All students pre-registering for years 3 and 4 should see one of the following Advisors according to area of interest. This includes both Honours and General.

(i) *Computer Science - V.A. Dyck*

Students who require no advice in course selection and whose pre-registrations are straightforward may deposit their forms in the IN box outside MC.5183 anytime during the period November 8-10. The pink copy of the form should be picked up the following day.

Students who require assistance in course selection may obtain it in MC.5183, Thursday, November 9 and Friday, November 10 between 1:30 p.m. and 4:00 p.m..

(ii) *C.A., R.I.A., and Business Options - R.G. Dunkley*

Students who require no advice in course selection and whose pre-registrations are straightforward may deposit their forms in the IN box outside MC.5103 anytime during the period November 8-10. The pink copy may be picked up the following day.

Students who require assistance in course selection may obtain it in MC.5103, Wednesday, November 8 between 1:30 and 3:30 p.m., or Thursday, November 9 between 10:00 a.m. and 12:00 noon.

(iii) *Combinatorics and Optimization - C. Haff*

Friday, November 10 2:00 - 5:00 p.m. MC.5025

(iv) *Statistics - C. Springer*

Wednesday, November 8 10:30-11:30 a.m.  
1:30-2:30 p.m. MC.5039

Thursday, November 9 10:30-11:30 a.m.  
1:30-2:30 p.m. MC.5039

Friday, November 10 9:30-11:30 a.m. MC.5039

(v) *Actuarial Science - F. Reynolds*

Thursday, November 9 1:00-3:00 p.m. MC.6092B

Friday, November 10 9:30-12:30 p.m. MC.6092B

(vi) *Applied Mathematics - M. Snyder*

Wednesday, November 8 1:30-3:30 p.m. MC.5007

Thursday, November 9 1:30-3:30 p.m. MC.5007

(vii) *Pure Mathematics - W. Gilbert*

Wednesday, November 8 2:00-3:00 MC.5171

Thursday, November 9 2:00-3:00 MC.5171

Friday, November 10 2:00-3:00 MC.5171





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### BUZBUZIAN or DAVID OF SASSOON

(one of those is the title, the other, the artist)

Location: outside E4

Description: It is blue metal covered in bird droppings and obscenities. If you stand 6 feet from the end of the ledge, it says CS (Civil Sucks).

### EARLY MORNING DREAM

Location: outside E3

Description: It is red metal. (That is the best description there is) I have heard it said that it looks like a cow on an acid trip.

### JOY

Location: between E1 and SCH

Description: This is not metal but stone sculpture. It looks like a close encounter of the perverted kind.

### OPEN

Location: between Arts Lecture Hall and Hagey Hall

Description: It is metal and red and yellow. It can best be explained as R2D2 in drag.

### SCULPTURE ENVIRONMENT

Location: behind Hagey Hall

Description: Red and yellow broken junk lying around and chained to railings. This stuff is definitely in contempt of courtyard.

### MAN AND WOMAN

Location: middle of Psych building

Description: This is a grey sculpture of a man and a woman (now you know where they got the name.) hanging from the ceiling. You can spend hours getting woman to touch man's hand because as woman turns she pushes man away. We managed to do after 10 minutes. It would probably take hours to get them into a position where they could have fun. It's very reflecting of real life.

irwriter

## ZAP!

**Zap!** A column which examines those items called *books*.

**Retief at Large** by Keith Laumer (\$1.95). This is a collection of short stories about Retief and the CDT (Corps Diplomatique Terrestrienne). Recommended for those who like punny humour.

**The Dark Design** by Philip Jose Farmer (\$1.95). This is the third book in the Riverworld series. Riverworld is a world which consists of one long valley, where every human who died before the end of this century has appeared to populate the river banks. The Riverworld series deals with the efforts of a number of the resurrected to find the beings who created this world.

The book is well written and you do not have to read the first two books to understand what is going on (although it does provide more depth if you have). **RECOMMENDED** (except to those people who do not like cliff hangers. The fourth and final book won't be appearing for another year).

**West of Honour** by Jerry Pournelle (\$1.25). A story about a soldier (serving in the equivalent of the "French Foreign Legion of Space") on a struggling colony. A realistic look at people, politics and power. Rated: 86 (**RECOMMENDED**).

-djmullin

## ANSWERS TO MMTT

1. b)6. There is a hidden stairwell from the "Red Room" to the 2nd floor.
2. Two. Math and Computer, and Physics and Mathematics.
3. c)3.
4. Shocking pink.
5. 1966.
6. CC140.
7. a)2. That's all we could find.
8. According to Exil Q. Trob it's true.
9. b)8.
10. Two black ones.

CREDITS: Produced by - J R Bakker Production assistance - K P Martin, A C Patel. Semi-official Mascot - Barbara S Meed Executive Production - The Obvious Facts Commission for OFC Productions.

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The other album was *Stranger In Town* by Bob Seeger and the Silver Bullet Band. Seeger has been working out of Detroit for years, as anyone who grew up listening to CKLW will attest, but his first big national, and international, success came with the release of his *Night Moves* album a couple of years ago. Just about everything I said about the Boomtown Rats applies here as well. Nothing really new or different, but a solid understanding and working out of the basics of rock 'n' roll. Seeger sings lead vocals with a slightly raspy voice that is a little bit reminiscent of Joe Cocker, or maybe Rod Stewart, and it suits the material perfectly. Once again, there are a lot of outstanding songs, but the best are probably "Hollywood Nights" and "Feels Like A Number". The latter sounds as if it was inspired by *The Prisoner*, with Seeger singing *I'm not a number* on the chorus. There's another song on the album called "Old Time Rook 'N' Roll", which sounds a lot like Seeger's "Katmandu" hit single of a few summers ago. It nicely captures the mood of both *A Tonic For The Troops* and *Stranger In Town*. In it, Seeger complains that "modern music ain't got no soul", and tells us that he'd rather listen to that "old time rock 'n' roll". I couldn't have said it any better myself.

Of the two albums, I have a slight preference for *Stranger*, if only because the sound is a little cleaner, and Seeger is a little better singer than the Boomtown Rats' lead vocalist. But *Tonic* is just as good in other respects, and both albums are worth listening to.

Does all this mean that disco's days are numbered? I doubt it, because the pop music audience has become so large and so diversified that it's possible for several different styles of music to be successful. It is apparent though, that there's a lot of interesting music being made on both sides of the New Wave, and that rock 'n' roll is not only alive and well, it's definitely thriving.

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"AM I FAMILIAR WITH FORTRAN? I MAY BE -  
WHAT'S HIS FIRST NAME?"

It's that time again; when witches and goblins come out. Black cats and other horrible beasts. But worst of all it brings another

## COLLINS MIX

As the month of October draws to a close, we are brought to Hallowe'en. One of the favourite days of all children. The spirit of Hallowe'en seems to have passed us by. Somehow a 20-year-old in a skeleton's costume cannot be regarded as cute. (And around the University, it may not even be noticeably different.) So, how do we recapture the days of carefree youth?

Well, do not give up hope. Mathsoc brings you the answer; a Hallowe'en pub. Just for a few hours, you can return to childhood. Forget those mid-terms and assignments. Spend all Saturday getting ready. Prepare your costume well. Then, at 8:00 pm, rush over to South Campus Hall for a night of dancing, partying and uproarious fun.

The pub features a little-known, (but I am assured absolutely excellent) group called **TEMUCHIIN**, (whose name I can't pronounce). There will be prizes for the best costumes. The pub comes at an excellent time. Most of us have been slaving over books scrambling for marks and are ready for a night of fun. This offers you the chance to go right off the deep end and get rid of those feelings of frustration and pent-up energy. You don't have to dress up but why not go all out?

**SEE YOU ALL THERE!!!!**

rfcollins

Moving on to other things, I want to mention that I attended a comic book convention in Toronto last weekend. If you've never been to one, you're missing a rather unique experience. A con, as they're called, is a gathering of a large number of dealers trying to sell old comics, and an even larger number of collectors walking around with a glazed look in their eyes, muttering "Buy, buy" under their breath. Most cons have one or more professional artists and/or writers in attendance, talking to the fans and selling sketches drawn to order. This one was no exception. The pro in attendance was George Perez, whose work on *Fantastic Four* and *The Avengers* are high points for both series. Judging by the crowd gathered around him, he was making a fair profit as he cranked out sketches of super-heroes for \$10 or \$20 a shot. Needless to say, I had a great time. I picked up some issues of *Cinefantastique* for my slowly growing collection, and got to meet, briefly, Dave Sims. Dave hails from Kitchener, and is gaining quite a reputation for himself as the man behind *Cerebus the Aardvark*, a black-and-white

## MATH WEEK

November 13-18

### MONDAY

Spelling Bee  
Tug-o'-war

### TUESDAY

Slide-rule Contest  
Pinball Tourney

### WEDNESDAY

Watsfic FREE Sci-Fi Movies  
Paper Airplane Contest  
Ping-Pong Tourney  
Bridge Tourney

### THURSDAY

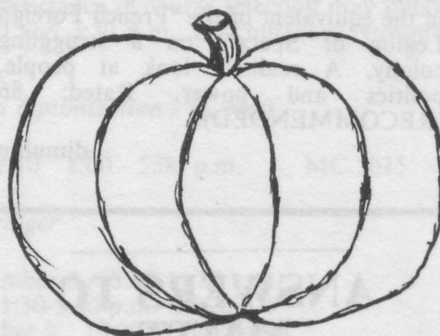
Table Hockey  
Wine & Cheese

### FRIDAY

All-Day Broomball Tourney  
St. Clements Arena

### SATURDAY

Semi-Formal  
Details available in Mathsoc: MC3038.



underground comic that contains, as Dave puts it, "everything you'd ever want in a comic-funny animals, action, adventure, sex and violence". I also overheard a dealer from Kentucky telling a customer that he travels to one con a week, and that the ones he attends in Toronto are just about the worst as far as theft is concerned. My only complaints were that the con was too small, and that I ran out of money too quickly, but that always happens. But don't worry, I'll be back for the next one just the same.

Jim Pattison

Is it "Eight is Enough"? "Three's Company"? No! It's

## BAKKERS DOZEN

Welcome back once again to the column that never quits, no matter how much it is asked to. I have a lot to touch on this week so I'll start right in.

Firstly, the meeting last Thursday for the Task Group on Cutbacks in Education was held in the Campus Centre and six people showed up. This included the Imprint reporter invited to the meeting and the chairpersons of the Boards of Education and of External Relations. The other three people were myself and the 2 friends I was with at the time. Because of this turnout, it seems to me that no one cares about what gets hit by the Cutbacks. My personal recommendation was that the attempt to organize a Task Group was a waste of time. Not even those defenders of the basic interests of the students (Chevrics for the uninitiated) bothered to show up, although they did receive an invitation. It seems that they want absolutely nothing to do with the Federation which is sad because they could probably contribute much needed energy and ideas to the various Fed groups.

All of Mathsoc's Lost and Found was donated to Security on Tuesday where it now resides (unless they threw it out). We now have room to move in the Office.

I missed the Inner Tube Water Polo game last Sunday, due to an excess of partying, (it was still going on) but I heard that the Sea Horses won anyway by a score of 22-8. Maybe I should retire as a player and concentrate on coaching.

## CENSORED

I scored my first ever goal in Broomball last Friday, but unfortunately the Mathsocists lost 3-1 to a team from Village 1 North. We play at noon today (Friday) at McCormick Arena.

That's all for this week. I've got a CS180 assignment and two weeks of ES111 to do (not to mention two midterms to study for next week). With all this work to do, I'm amazed that I find the time for the important things.

jr



# CLUES DOWN

- a1 a cat stevens song
- a10 a chunk of wood
- b3 me from your eyes
- b7 ran around?
- b11 a marital vow
- c1 atomic number 17 (reversed)
- c4 here
- c7 mars
- c14 a beer (according to some folk)
- d1 BUNG is one
- d5 an exclamation
- d8 button operation
- d13 cuban revolutionary
- e1 a woodwind
- e6 short information
- e12 half
- f3 game shows have one
- f6 after rubbing the wrong way
- g2 in short supply
- g9 in the spirit of the chevron  
"Better RED than \_\_\_\_\_"
- g13 sesame
- h1 egotists, all of them
- h10 charge
- i1 lao-tse's way
- i5 exclamations
- i9 murine (2 wds)
- j4 concealed gunners
- j12 a brand of gum
- k1 amorous missiles?
- k7 cookee
- k12 glide
- l1 formerly from quills
- l5 a rolling r
- l9 pas' companion
- l13 slip
- m1 c tone
- m4 you're his creditor
- m11 pa's companion
- m14 yes
- n3 clamor
- n7 first of new ceylon
- n11 is often boded
- o1 thrust
- o8 min iz por

HS: 3  
 HAT: 3  
 HERE: 3  
 HY: 3  
 AMOUNT OF BRIBE: 4

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1															
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															
13															
14															
15															

# CLUES ACROSS

- 1a keel board
- 1h done to a university
- 2c the true unit of corn
- 2g electronics firm
- 2k a river in mexico
- 3a ten suffix
- 3d in the "nightshade" family
- 3k against latin
- 3n 501
- 4a a 12 foot dead bird
- 4e one of the MORPH brothers?
- 4j most dictators need them
- 4m dividend
- 5a a manual car?
- 5g formerly persia
- 5l a roman well
- 6d a prof who talks to blackboards
- 6l atomic numbers 92 + 5
- 7a the german
- 7e sometimes they are blue
- 7i indoor ones can be fun
- 8a remove the sleeve ends
- 8j after hits and runs
- 9b why the river swells
- 9i the mine objective
- 9m epitaph
- 10c atomic numbers 1 + 66 - 39
- 10f son of viking explorer
- 11a inventory system
- 11f say cheeze
- 11l a man's name
- 12a your libido and mine
- 12e head or hand
- 12h sips
- 12m totality
- 13a LCBO sells it
- 13d atomic number 58

- 13g titillate
- 13n chinese mile
- 14a the measure of a girl's resistance
- 14g a becoming suffix
- 14k tax bureau
- 15a a private awakening
- 15j leap

3	8	7	2	0		1
5		3	3		4	4
5		9		3	5	2
	1	6	1	0		
7	2		1	9	1	3
9				7	9	2
2	7		1	6		5

This week's gridword is the the work of drnewell.

People who have won T-shirts for submissions should come to mathsoc where there will be iou's made out for their prizes. We haven't got any prizes to give away at the moment. dgkennedy, with the help of aopatel and eksiegerman, are responsible for this week's grid box, having written a convenient macro to produce it (finished at 5 a.m. Tuesday morning) (5:15 actually, and I think they at least deserve a T-shirt --photonist)

Please mail to me or mathNEWS with comments, nasty and otherwise. My name is Andrew Malton, userid ajmalton.



## BIKE RACE

On Sunday October 22, at Laurel Creek Conservation Area, there was held an intramural bicycle race. Except for the wind being a bit strong, the weather was excellent for cycling, and 3.5 teams showed up, including 1.5 teams from math. After examining the course, the contestants waited for a few minutes in hopes that the other .5 of a math team would show up. Unfortunately, due to bad management and some confusion, they did not arrive, and, the race was on, with only two members of the Computer Capers team, trying to do the work of four. Despite this lack of manpower, the brilliant riding of John Abbott, and myself enabled the Computer Capers to finish in fourth place with a time of 24:49. The other 'math' team, The Off Campus Bag Biters, despite their severe handicap of having two C.A.'s and one artsie on the team, finished first in the very fast time of 24:04. We all had a good time, and are looking forward to next year when we will again defend the honour of math on the roads of the Laurel Creek Conservation Area.

Congratulations to the Off Campus Bag Biters, (I am sorry I did not get your names), we will get you next year.

R. D. Hill

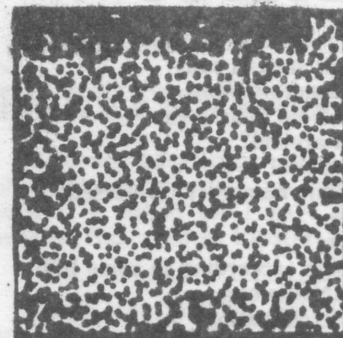
in a very artistic style. i'm not allowed to mention the fact that john gross wrote our other news column. Interesting things happening around campus:  
 Friday is the j jlong look-alike contest. bring your rubber nose and glasses.  
 Saturday there is a great pub going on. Be there.  
 That's about it. Be thankful this paper got out at all. First rjb deleted all our macros. Then when it was time to go to the presses, we found ourselves with a new set of untested macros and an all-rookie staff. Despite several disasters we will manage to finish this at about 2:00. eksiegerman just came in swearing at the pinball machines and (make that the Canteen of Canada machines) and Geoff and Jim are stripping the paint off the walls with their breath. (Good God there's still more space to fill.) / %&@\_%&c(#\_#\*c"  
 (First time I ever saw a typewriter frog.)  
 That's it for t'his week. (Why am I surrounded by drunks) D

\*\*\*error masthead is tooooooo lon

core dumped  
 not enough core too run job  
 core dumped

illogical disconnect

mathNEWS ISSN 0705-0410 -- A weekly (sometimes biweekly) publication of the Math Society, University of Waterloo. mathNEWS is funded by, but independent of Mathsoc, and is the only weekly newspaper on campus with an all-volunteer staff. Editorial content is the responsibility of mathNEWS staff and editors.



### MASTHEAD

verbose option in effect.

It is 1:00 in the morning and I haven't got the slightest idea how I'm going to fill this huge space I have left for this. By the way, I'm not Prabhakar. This paper can be blamed on me, assistant editor rfcollins filling in while pogo is studying People left around at 1:00 in the morning (notice how the time doesn't change) are damacinroy (who wrote the boring mathematics articles), acpatel and kevin martin (the photon twins), and bernard the scapegoat. Over in the pub are barbara meed (our replacement layout girl) and her husband Jim (who actually put in a news article. Sorry I had to edit your column.) and Geoff Hains (who I'd rather not talk about). Others who helped at various and sundry times in the day include greg bezoff, dave kennedy (third member of the photon brothers) bjgregory and fuzzy were responsible for the fourth page (sorry it's in point size 8 but that's the only way it would fit), jo (what did you do, anyway?), eric (the 'alibut) seagerman (is that right?), and stan and drew who showed up too late but tried anyway. Thanx to :boff for the gridword. jppattison put in another article that tied up the photon for fifteen minutes. irwriter made one of his rare appearances

