

The Shape of Things to Go



Theft of Telecommunications service

- 287 (1) Every one commits theft who fraudulently, maliciously or without colour of right,
- (a) abstracts, consumes or uses electricity or gas or causes it to be wasted or diverted, or
 - (b) uses any telecommunications wire or cable or obtains any telecommunications service.
- (2) In this section, "telecommunications" means any transmission, emission or reception of signs, signals, writing, images or sounds or intelligence of any nature by wire or cable.

Source: SNOW's Criminal Code of Canada

This section of the Criminal Code of Canada is used to convict persons of theft of computer services. The unauthorized use (without colour of right) of a computer, terminal, account number, or program is covered by this clause 287, section (1), paragraph (b). Your lawyer will understand it, even if you don't. (Ignorance of the law is no excuse - fair warning!)

The Waterloo Computing Centre was the first body in Canada to lay charges under this clause, and was successful in all their cases. They even sued one person (who was unrepentant) and obtained over \$4,000 damages. Computer time is expensive - and its more expensive to repair the damage that can be done.

The Math Faculty Computing Facility is having its problems with misuse of computer services now too. Lately there have been two incidents which are prosecutable under clause 287.(1).(b) of the Criminal Code. In the first incident a student was caught using another student's userid to the tune of \$600. He has been dealt with, but without resorting to laying charges. The second incident is still open:

someone released all the files under a faculty member's userid. We know that the person knew the login password, since the files were released from under GRSAGER, by someone signed on to GRSAGER, and we know that it happened before 19:15 (7:15 p.m.) on Monday, September 22. If you wanted to get attention, you couldn't have picked a better type of person to attack.

When I requested guidance from the Math Faculty Computer Usage Committee (whose student members did not appear) they suggested that the following policy be forwarded to the Academic Vice President:

The theft of computer resources require the student to provide restitution for the resources consumed, or withdraw from the university. Any subsequent act would be forwarded for prosecution.

The MFCF has been fortunate in its experience with students using our services. We have had quite a cooperative relationship with students - they have worked for us, written software, criticized and suggested changes, and

(cont'd on page 2)

FRIDAY SEPTEMBER 26, 1975

ISSUE 9.3

math NEWS

Computing Centre Courses

The Computing Centre is offering a programme of non-fee, non-credit courses during the Fall Term to assist those wishing to extend their knowledge of computing facilities and of the programmes and programming languages available.

If you wish to register for any of the following courses, please send your name, departmental address, building code, and a list of the courses you would like to attend, to Dianne Hart, User Services, Computing Centre, MC 2008. A memo stating the number of the room in which the course is to be held will be returned to you via inter-office mail.

If you would like additional information about the courses being offered or wish to forward suggestions concerning courses to be held in the future terms, please contact Shirley Melen, MC 2012, extension 3779.

It should be noted that enrolment in these courses may be limited, and those classes for which there is insufficient response may be cancelled; so avoid disappointment by registering early.

(cont'd on page 8)

Errata

We would like to apologize for the large number of errors in our front page article (Mathsoc: Capitalist Society) last week. We hope that it has inconvenienced no one. The following changes should be made.

"The third floor lockers were all given out between 8:40 (not 9:40) and 11:00 am,"

also

"It was suggested by Gary Dryden (not J. J. Long) that C&D switch eventually to buying their supplies from Mr. Hudie instead of the current supplier."

(cont'd from page 1)

In general been helpful. There is a pitcher of beer waiting for anyone who can demonstrate, without using a privileged userid, that they can control GCOS, TSS, or the FILE SYSTEM; and we have paid out several times, happy that the students would tell us, and help us plug these loopholes.

This change in attitude, when coupled with the cutback in security patrols of the Math building, is ominous. There are almost 50 TSS computer terminals on the 3rd and 4th floors available 24 hours a day, 7 days a week. If there is vandalism of computer equipment, then what do you expect will happen? The Stats HP calculators are locked up at 4:30.

So far, there have been no acts of vandalism against any equipment run by MFCF (that Security or I am aware of). In fact, the manuals left out in the M&C 3018 terminal room over the past 3 years have been replaced more often because they are dog-eared and worn out, than missing.

I hope that these problems of certain individuals abusing Math's (your) computing service are isolated. The older students around, who have survived and thrived on our growing pains, appear to have a different attitude than other 1st and 2nd year students who did not have to suffer. We really can not afford to spend our time fixing random acts of malicious damage. Its frustrating, time-consuming, and drains our enthusiasm for getting on with the job.

Richard J. Beach
Acting Director, MFCF

a LONG Fed Report

Yes, we did it! On this Sunday Federation council finished an agenda without a quorum call for the first time since April 1st. The major reason for this is that the controversial abortion issue was dropped. A great deal of business did get discussed in the 3 hour meeting.

Constitutions were approved for the Progressive Cultural Club (which contains some former AIA (Anti-Imperialist Alliance) members) and a new Church College Association. Also expense accounts for councillors were granted. An attempt to form a financial committee was defeated. The Federation council did feel that the by-laws were in sad need of revision and appointed a committee to look into the matter. In a move that may irritate some people, Federation full-time temporary employees were given a well deserved raise from \$128 to \$145 per week or from \$555 to \$620 per month. An attempt was made to create policy that would make salary increases more systematic and out of council's direct control.

In other business, John Shortall and Shane Roberts were approved as delegates to this weekend's OFS conference.

Shane Roberts was rehired by the Federation and certain Federation employees were ratified. The upcoming circus was to be discussed, but nobody was there from the Board of Entertainment.

Fed committees discussing salaries, honoraria and by-laws will be meeting soon. Perhaps you can see one in action. As well, Fed elections will be held soon (there is a vacancy in off-term co-op math). The next meeting will occur in a few weeks. Hope to tell you more about it soon.

JJ Long

son of Full Duplex:



Why do bad writers win the fight?
Why do good writers die in need?
Because the writers who can't write
Are read by readers who can't read.

Piet Hein.

Well, here we are. Not even two weeks into the term yet, and already the Math Faculty is revealing its true colours.

Suppose you were a co-op frosh mathite leaving for his/her first work term in January. Your coordinator (who, theoretically, is trying to guide their students to their best personal choices) talks to you about your courses. Upon hearing what they are, tells you that you are taking the most difficult possible course selection, and should switch a couple of them in order to make things easier on yourself. Specifically, out of a program of the following six courses: MATH 122A, MATH 129A, MATH 130, PSYCH 101, CHEM 121, and PHYS 121; you are requested to drop PHYS 121 and CHEM 121. The student in question is not in any special section of any of the above courses.

Now, why would this be called the hardest possible program? Clearly, it isn't. One might go so far as to say that this is the most likely group of six courses a first year mathite would take. Poor marks in the courses can't be a factor - there hasn't been time enough yet to get any marks back. Which leads to the probable conclusion that they are trying to prevent people from switching into another program with their B.I.U.'s. Without those two courses, one is stuck in math - even if it becomes abundantly clear that mathematics is not the best program for you. With them, it is quite possible to switch into either physics or chemistry in second year. This is really a cheap thing the Math Faculty seems to be doing. Surely the math program here can keep students solely on its own merits.

On to a happier topic - skipping classes. Now, I'm sure that a lot of you, especially the first year mathites, feel that skipping classes is inadvisable. In the past, the university fostered this illusion. But no longer!

The university has thrown in the sponge in this matter and has decided to actively support cutting classes by moving the exam room from under the Arts Library to one of the dining halls of Village II. No longer will you be able to conscientiously go to a 2:30 class and write a midterm at 3:30. It's nice to know that our university is always thinking of its students. Besides, when the middle of winter rolls around, it will continue the process of Natural Selection...only the hardy will survive the trek through knee deep snow and howling winds in order to fail a midterm.

TO THE OMNIPRESENT GHOSTWRITER:

Everyone talks about the weather...

Ludwig von Zopfball

hot and cold running

BURLOAF

Here are a couple of comments stolen from an unobscure source:

It seems to me that Canadians (and Britons and Americans and Australians) have just two choices - (1) to work harder and longer for less under a system of private enterprise or (2) to work still harder and still longer for still less under a system of socialist "planning".

I have always felt that the moment when first you wake up in the morning is the most wonderful of the 24 hours. No matter how weary or dreary you may feel, you possess the certainty that, during the day that lies before you, anything may happen. And the fact that it practically always doesn't matters not one jot. The possibility is always there.

(To the above comment, someone made the following quote: "I agree, but for a different reason. When you first wake up is the time when you'll stay awake is the longest.")

A recent report given to me by the subscription coordinator shows that this term mathNEWS has 32 subscribers. This is down from last term's high of 53 readers who received this paper by mail. The subscription service was started last summer. In the fall there were fourteen subscribers. It was then that the subscription production was computerized. This meant less human effort, and got rid of incorrect or missed addresses due to human error. People received their papers in envelopes which had the addresses put on them by kindly old 2741's that never ever made a mistake (most of the time, anyway (usually)). In the winter, the number of subscriptions increased to around 25. The summer saw 52 people acquire subscriptions. It was at the beginning of the summer that the mathNEWS system was altered so that each subscriber was assigned a code number, the meaning of which was known only to the system and to the subscription coordinator. It really wasn't very useful, but it looked neat. This fall, there are 31 subscribers, and a plan is in the works to have labels printed up with addresses rather than whole envelopes in an attempt to cut down on errors made by the 2741.

MathNEWS has had subscribers from as far away as Germany and as close by as the Co-op residences. The bulk of subscribers are co-op students on work term and (in the summer) regular students who have left for the term. There are a few graduates who also receive this fine paper, as well as interested people who have no connection with the University. Unlike other University papers until recently, mathNEWS was not automatically mailed to some group of users for free. A potential subscriber had to pay \$1.25 to cause his mail box find itself get filled with those distinctive brown envelopes. The money was used to cover the cost of the envelopes and postage, keeping the operation break-even. Right now higher postal rates that are coming as well as the increased cost of envelopes that is now threaten this inflation-fighting price. (The new label system will hopefully cut costs, as the supplier of envelopes is being changed.)

A high ranking member of last term's Computer Science Club has told me that an organizational meeting is tentatively scheduled for next Tuesday, the 30th, at 7:30 P.M. The location is still being worked on, so watch the bulletin boards.

Computer Science Day people last year always tend to be fascinated by the hardware the Math Faculty shows them. However, judging from the blackboards in the lounge, the thing that really seems to impress them is one of the words in the Honeywell's vocabulary, namely c

Some uneasy Problems

Due to the immense number of suggestions we have received (one, to be exact, and that by me), we include in this edition, and most subsequent editions if possible, a mathematics problems section. The purpose of this section is to fill up space, and to make mathNEWS larger! That's our main reason. You could always rationalize that, as most reputable math magazines and newsletters have problem sections (ask M.S. Klamkin), we think we should too.

The rules of the game are as follows. Every reader of mathNEWS may submit problems for solution that he feels may be of interest to our readers. Proposals should be accompanied by solutions if available. Where unavailable, we mark the question with an asterisk (*). Solutions to all problems are solicited, as the proposer's solution may not be the best available. All types of problems may be submitted, and there is no deadline. However we reserve the right to decide which problems to publish. Solutions to problems in a previous edition will be published in the edition following.

To start off I shall propose three problems whose solutions will follow next issue (if I'm still around!)

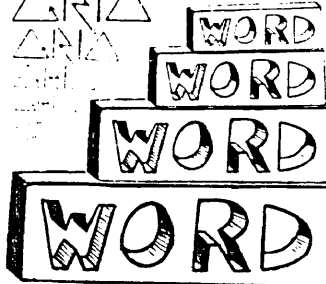
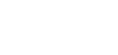
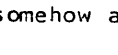
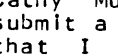
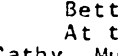
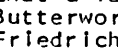
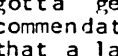
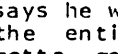
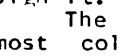
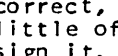
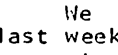
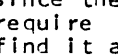
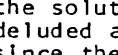
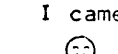
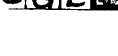
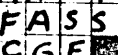
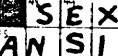
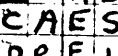
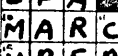
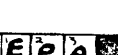
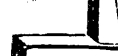
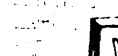
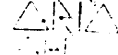
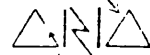
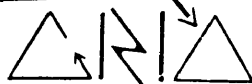
1. Prove that in any triangle the square of the length of any side is equal to the sum of the square of the other two sides minus twice the product of those other two sides and the cosine of the angle opposite the side whose square we want to find.

2. Evaluate the integral

$$I = \int \sqrt{\sec^2 x + k} dx, k \geq 0$$

3. Show

$$\int_0^1 \frac{1 - (1-t)^n}{t} dt = \sum_{k=1}^n \frac{1}{k}$$



I came, I saw, I read the

GRIDCOMMENT

This week we should apologize for not printing the solution to the frosh GRIDWORD last week (it deluded at least one poor fellow into submitting since then). However since that would probably require us to print the solution and we can't find it any more, we won't apologize...

We had twenty-six solutions submitted to last weeks GRID, and six of them were actually correct, including one fellow who thought so little of his chances that he didn't bother to sign it.

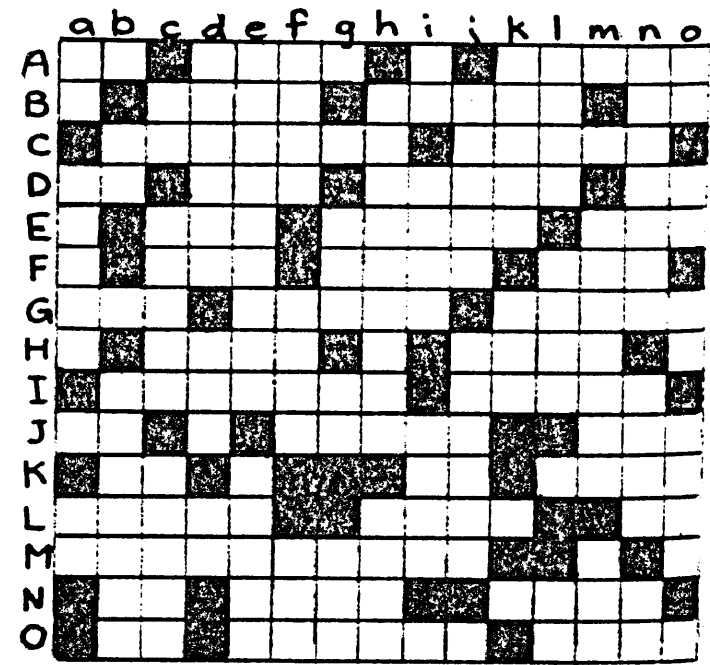
The actual winner was Bruce Jolliffe. Our most colourful entry was by Doug McInroy, who says he will win a T-shirt if he has to colour the entire paper (we have news for you... ya gotta get the GRIDWORD right too!) Special commendation goes to Steve Martinello who thinks that a large dog is a Great Dame, and Ray Butterworth who thinks Gauss is Carl Friedrich...

Better luck this week...

At this time I would also like to mention Cathy Murphy and Maureen Meakle. They didn't submit a solution for the gridword but I thought that I would get their names into this issue somehow and this is it.

- Aa Astatine
- Ad Tetragrammaton
- Ak Evaluate(-s)
- Bc British NATO force
- Bh Plenty
- Bn Exists
- Cb Bad time of day
- Cj Smallest
- Da Option
- Dd Receive
- Dh Transmission
- Dn Press Agency
- Ec Recreational equipment
- Eg Put up
- Em University
- Fd Direction
- Fg Used to be
- Fl Escaped Sodom
- Ga Resort
- Ge Gray's poem
- Gk Farm implement
- Hc Resting
- Hj "You a son is given
- Ib Shrivens
- Ij Mean
- Ja Indefinite article
- Jf Cow
- Jm Egg
- Kb Superman's planet
- Ki Creek letter
- Kl Swear
- La Mollusc
- Lh 18
- Ln Shortened saint
- Ma Likeness
- Nb British toilet
- Ne Statue?
- Nk Barbara
- Nb New Hampshire
- Oe Most likable
- OI Arab attendant

- aA Arsenic
- aD Toothpaste
- aL South Carolina
- bC Graduate degree
- bI x
- cB Sweet smell
- cE Pair
- cK Large farm
- dA Slang
- dH Twice shortened
- dL and only
- eA 'bun
- eK Spent
- fA Court document
- fG Jeans
- fH French king
- gE Girl sheen
- gI Short street
- gM Military Research Council
- hB Sum
- hL Theatre w/o words
- IA Morning
- ID Scary
- IJ Radiate
- jB Set
- jH Rowdy
- kA Alert
- kG Canadian constitution
- IA Oceans
- IF Muscles
- IM Have(1st. sing. fr.)
- mE Powerful cocktail
- mH 360, 370
- nA located
- nI Cousteau
- nW South America
- oA Steamship
- oD Davis party
- oG Sun-god
- oJ Faculty?



UNPRINTABLE FARKS

One of Canada's foremost farmers visited the campus Tuesday night. Don Haron, alias Charlie Farquaharson, spent an hour corrupting minds, managing to stoop lower than N-jinews, and answering questions.

He was preceded by Dave Bradstreet, a local folk singer, provided at no extra charge by the feds.

Charlie's routine included a sprinkling of old material, but most of the unprintable stuff was new. He even said a few things I wouldn't sav of an n-jineer (no, I do not mean compliments).

All in all, it was worth the admission price, especially to hear the cracks about the administration and other objects of ridicule. The vast number of people who weren't there would have enjoyed it.

NO ANTS

WELL MATHSOC LACKED BOTH ANTS AND PEOPLE AT ITS SECOND PICNIC OF THE MONTH. STANDING IN MY SHORTS AND MATH T-SHIRT, OPTIMISTIC ABOUT THE WEATHER, I THREW A MATCH ON THE FIREWOOD TO BEGIN A ROARING FUNCTION. THIS WAS 11:30 AM. BY 1P4 THE FOOD ARRIVED WITH THE PRESIDENT AND HIS HANGOVER. SINCE HE HAD A BASEBALL GAME I MANNED THE FIREPIT AND COOKED THE CORN. STARVED AS I WAS I MANAGED TO CONTROL MY HUNGER AFTER THE FIFTH SAMPLE HOT DOG.

BLEST WITH THE COMPANY OF ONE OR TWO MATHIES WHO WANDERED BY I KEPT A GLOWING SPIRIT AND FIRE UNTIL JOINED BY THE MEMBERS OF THE BASEBALL TEAMS. THE TOTAL TURNOUT FOR THE 2 DAYS WAS <30 WHICH WAS A LITTLE LESS THAN WHAT WAS EXPECTED AND FOR THE AMOUNT OF FOOD WE HAD.

AT 4:30 IT WAS ALL OVER FOR ANOTHER YEAR AND I WAS HAPPY TO HAVE ATTENDED ANOTHER GREAT MATH EVENT. HOWEVER... NOT BEING ONE TO GIVE UP I WENT TO THE WINE & CHEESE PARTY FOR THE FROSH ON MONDAY. WITH THE GIFT OF THE GAB I TURNED A SLOW EVENING INTO A DULL MONOLOGUE. THREE WINE BOTTLES AND 5 POUNDS OF CHEESE LATER (I DON'T THINK I COULD OF HAD ANY MORE) THE PARTY CAME TO A GRINDING HALT. I WAS LEFT IN CHARGE OF CLEANING UP ALONG WITH J.J. LONG AND DAVE GILLET AS WE WERE THE ONLY ONES STANDING.

THOSE OF US IN MATHSOC NOW HAVE ONE WISH; THAT BEING, A BREAK IN THE THINGS THAT HAVE TO BE DONE BY ONE OR ALL OF US TO MAKE THE STAY OF THE MATHIE HERE A NICE ONE. WATCH FOR ANNOUNCEMENTS OF COMING EVENTS ON THE WALLS AND IN MATHNEWS. HOPE TO SEE YOU THERE.

GARY PRUDENCE
VICE PRESIDENT

gripes

Do you have an opinion, idea, complaint, beef, gripe, pet peeve, question, answer or anything to voice, come to the Rap Mathsoc Session. Wed. Oct. 1 at 4:30 in the big side of the lounge. A Mathsoc rep. will be there to respond to any feedback.

HOLLOWED BAWDY

That hallowed body consisting of Math professors and a small number of students (of which only one was present) met Tuesday Sept. 16 at 4:00 pm (new time will be 3:30 in the future). After the ratification of executive appointments and introduction of new members it got into heavier business.

Dr. J. G. Kalbfleisch who is chairman of the Stats Dept. (also most famous or infamous for writing the math 233 & 223 text) presented a motion from the curriculum committee regarding course rationalization. As of next Sept. 1 courses will be named by department i.e. STAT233Y. The first digit is the year, the second digit the level of difficulty (0 - non-math, 1 or 2 - general level, 3-9 - honours level). A Y will indicate that the course is a year course. An amendment proposing to put MTH and a 2 letter suffix to each course name (to keep all math course listings in the same alphabetical order so as not to confuse students looking for the Math courses) was defeated after assurances that Kalbfleisch would check with the registrar to have course listings by Faculty instead of by department. Another motion from the curriculum committee was tabled. It proposed marking all 1st and 2nd year courses half-year courses. Now I personally support this idea, do you? (a survey will follow in this paper). However, I got from reliable sources that if the students don't work strongly enough for this a strong minority in the faculty will oppose such a move and either eventually defeat or filibuster the motion.

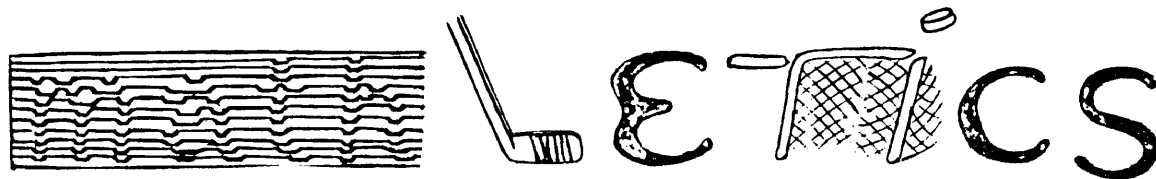
In other news of interest the use of the EMS library will be discussed in a special MFC meeting on Sept 30. It was announced as further policy that no midterms in Math courses will occur during co-op interviews. As well a number of social events were announced.

Poetry

30's BLURB

IB! 360/370, you knew I only had eyes for you
Oh how sweet it was to DERUG you.
But then I learned the truth in first year math
You kept leading me down the garbage path.
Always treating me like a fool
You were so good at treating me so cruel.
You'd eat my cards for your MATH COURSE
And go down on me when you felt out of sorts.
Not only did you reject my account number
After reading my cards you'd go into a deep slumber.
We both knew what the hell you got
And that sure wasn't an awful lot.
Anytime, anyday, you could hear users say,
"DERUG's fine but only if you've got years of time".
So now I've quit waiting in lines for you
I've found a new love that will be true.
My Honeybun, it's just you and me.
From DERUG you've set me free.
As of this day
From your terminals I'll never stray.
I'll be true 'cause I've taken my stance
Although my friends say it's just a 3rd rate romance.
And then again there's one I love more than the 'hun
And that's my Wendy 'cause she's my hon'.
And that ain't no live Talkin'.

From the 7oft



MATH SLOW PITCH

This past Saturday, the 20th, the Math slow-pitch team took to the field to begin yet another campaign. This year's collection of all-stars went into their first game with high hopes of having a mediocre season. These hopes were partially realized on Saturday when the Math team, despite the tremendous handicap of having some of the most infamous names in slow-pitch in the persons of President Dryden, Scrooge, Kathy-X, and C&D Hipfner, surprised the Lakeshore Lakers and themselves by coming out on top 19-16. The credit for this underwhelming success must go to Math's crack defense and a murderers row of batters (even Dryden got on base once). The defense was strengthened by the fact that Kathy-X (the slowest thing on two legs) only batted and so she didn't get to display her skills in the field. Coming off this performance, the stunned Mathies believed their outlook for the season looked bright.

However, Sunday dawned a new day and when Math met the Frobisher Bay Penguins at Columbia Field, their high spirits were quickly squashed. The Mathies were able to stay in the game for the whole of the first inning but the absence of Kathy-X and Ron Hipfner, (leaving us one player short in the field), combined with the fact that Frobisher Bay played like the Oakland A's, obviously left Math crippled. In the second inning, the Penguins scored 10 runs without Math being able to get anyone out (in slow-pitch the whole line-up bats each inning regardless of how many go out). Obviously at this point the Mathies were in deep trouble. The defense stank, nobody could get a hit, and from here the game went steadily downhill. By the end of the fourth inning (the games are only five innings long) Math was behind by 11 runs so that it was mathematically impossible to catch up. Despite this minor inconvenience, the Mathies continued to try in vain to make a comeback but the game ended with the score: Frobisher Bay 27 - Math 15.

The next game is Saturday the 27th at 10:00 a.m. on the Village Green against the Hobbits. There will be another game on Sunday at 1:00 p.m. against the Campus All-Stars, also on the Village Green. If nobody new shows up, Math is going to be short of players since some of last week's players will be unable to attend. So be sure to come out and join us. All you need to know is what a softball looks like and you'll be better than most of the members of the team. So come out and you might even get a chance to meet Kathy-X.

BASKETBALL



Monday Sept. 29 is the very last day to sign up for basketball. If anyone decides to play after this date, then they must come to the organizational meeting and be placed on a team. (See IM news for meeting time and place).

There will be a meeting for all those who signed the lists on Tuesday September 30th at 3:30 p.m. in the Math Lounge (the vending machine side). Attendance is necessary for all. If you have a class, drop by at 3:20 p.m.

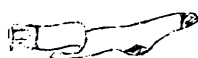
Our flag football team played its first game on Tuesday against Rox. The soccer team played Wednesday against the Corodian Connection.

The hockey lists are up so sign up for the level you wish to play at. Pat Fallon - please call 745-3079 about hockey sweaters and ice time.

Upcoming Games:

- Flag Football vs. Grolnbriars -village 1,
5:45 Tues. Sept. 30.
- Soccer vs. Southerners -Columbia 4,
5:45 Thurs. Oct. 2.

math



The Orientation committee decided to give away T-shirts to frosh who had their id-card stamped provided they arrived at the right time. Ten T-shirts are to be given out. Eight have been given out.

We would like to list the winners but we are unable to decode the hand writing on the memo. The lucky ID numbers are 75147584, 75111989, 75900339, 75114991, 75134934, 75122138, 75109250, and 75133571. If your id matches one of the above, drop by the math soc office to pick up your T-shirt. If you are a frosh and have not had your card stamped (if you don't know, then it hasn't) come to the math soc office (MC3038). Two of the next forty frosh to get their cards stamped will be the winners of a T-shirt.

The executive of mathSoc for the fall of 1975 is

- GARY DRYDEN (President)
- GARY PRUDENCE (Vice President)
- INGRID SPLETTSTOESSER (Administrator)
- CHRISTINE CHARLEBOIS (Treasurer)
- SELMA SAHIN (Social Director)
- KATHY WILSON (Athletics Director)
- GREGG ANDREWS (Mathletics Director)
- J.J. LONG (Director of Internal Affairs)
- DENIS RICHARDSON (Director of Education and Publications)

If you want to meet these characters, come to the next mathSoc meeting in MC 1052 next September 30th.

There will be a joint Arts-Math semi-formal on November 1st. It is rumoured that they are going to try for a "full house". This will be followed by Math Week from November 3rd to 8th.

If you have any ideas (or drawings) for new T-shirts, send them along to the mathSoc office.



WHY NOT?

re: designs for new T-shirts
This being International Women's Year I suggest you make a T-shirt with some famous woman mathematician & I nominate Emmy Noether. I know of at least 2 photographs from which a design could be made or failing this you could write a series (one or more) of articles on famous women mathematicians (whose contributions are extremely important but alas these women are virtually unheard of among the masses of mathies). I might even be willing to do the latter myself.

Matthew Smith

Ed. Com.: We would be glad to have you submit your articles. You can do this by mail or come in person to our next meeting. Our next appearance will be in MC 3011 on September 30th.

Random Complaints

Dear mathNEWS,
Please do not print (ad nauseam, ad infinitum, ad anythingum) requests for subscriptions in Feedback. To do so would be following the example of a certain illustrious professional magazine, which no one reads (not to mention any names (M.D. of Canada)) whose letter column contains nothing but requests for reprints of the essays of the (fortunately?) late editor. Who wants to know?

--75107922 G1

P.S. If Uniwat insists on these stupid numbers (randomly generated by captive gnomes under the n-jineer's pit?) they're gonna get them!

unclassifiable ADS

Car Rally

The K-W Rally Club is organizing a rally on Saturday, Sept. 27, with registration from 7:00 to 8:30 p.m. at Young's Restaurant, Hwy #401 & #97. The course is a simple novice type rally of approx. 65 miles, to finish at New Dundee, Barton's Inn on Main Street.

For further information call Paul Schlote, 742-8730 or rally master T. Ruutopold 662-2077.

Alta Northstar 10-speed for sale. Excellent condition. Phone 744-9329.

PLOTTING?

mathNEWS:

Wow! RJB fixed it so that we are now running the Tek terminal in M&C 3008 at 1800 BAUD! Unfortunately, there is a "flicker" visible to the students at the TV monitors whenever motion is occurring on the Tek screen. That is, the scan converter, which converts the Tek graphics image to a TV video waveform, cannot read and write at the same time, and has no data buffer. So when the Tek screen is receiving added info, the TV monitors stop and wait. Hence the flicker. At a fast BAUD rate, the flicker is not at all bad, but it would still be nice for the students to see the plot forming, instead of only seeing the finished product. Hence, we have ordered a fancier terminal from Princeton Electronic Products, who claim their terminal is flicker free. (It should be, at that price.) I think they have a data buffer in their terminal, but I am not sure. Anyway, if it works, it will eventually replace the Tek terminal and the students can see the same thing that appears on the Tek terminal. We hope to write some software to allow Tek-written programs to run on the PEP, i.e. a software interface between the two plotting packages. Interested experts might see RJB about the possibility of working on the project.

J. F. Gentleman

The Day Stocker

On the day of Monday September 22 at about 1:15, some ruthless, coldblooded individual (or thing) set off the fire alarms in the Math building (as many of you already know). What you don't know is the true story behind this dastardly plot. Even I don't, but I can guess.

Some people have hinted that it was the n-jineers who set the alarms off in a bid to gain access to our inner sanctum and wreak havoc on Pinkle.

THIS IS ALL WRONG!!!

The fiends are quite happy with The Thing (Worm) which I feel they confiscated (who else would want it?) and are probably right now having fun with their sexual perversions.

Other war-mongers have hinted that it was a Communist plot to take over the 'bun. The ones that said this are Commies themselves.

The true story has finally come to light. In all truth it was a poltergeist gleefully tormenting us by sending us out into the cold until our extremities turned blue (or worse) while it could have virtually free run of the building.

Even as I write this I realize now that it already controls the 'bun, as I'm being plagued with an unprecedented rash of crashes and have lost my latest draft 7 times. I fear for my very life. Even as I type this line sparks are beginning to crackle around and in this terminal.

Finally I've destroyed the little gremlin. I poured my coffee from the C&D stand into the works of this machine and poisoned him (and ruined the terminal).

Thus I have succeeded in destroying evil at its source, and have brought to you, the sheltered public, the truth and a glimpse of a another world which is being kept hidden from you.

COLDSHACK

FEEDBACK

mathNEWS welcomes your criticisms, comments, suggestions, etc. All letters should be signed, but if requested, a pen name will be used. Put your Feedback articles in our MAILBOX on the 3rd floor outside the lounge, or mail it to us on the 'Bun (userid mathNEWS), or take it to M&C3038 and have it put in our mail slot or put it in the mail addressed to mathNEWS, M&C3038.

IT

It has been discovered that the large red "Work of Art" that had previously haunted our campus has been removed from behind (the front side if you look from M&C) the Arts Library.

Rejoice.

The plague to the eye (eyesore) has been removed! This brings up the subject of the reason for its disappearance. One could assume that the Works of Art commission repented and secretly removed the "Work of Art". One could say that the dastardly n-jineers decided that violating the red thing in the open is too out in the open and moved it to their building (anyone have a search warrant?) to violate it to their hearts' content.

The real truth of the matter is simply that it got up and left! Yes dear readers, it was sick and tired of being stared at with contempt. It was sick and tired of being put down by mathNEWS. It was sick and tired of the fact that it cost (only) \$5000.

The poor ugly pseudored blobbish looking mess of fibreglass that glowed in the dark had a brain and decided to leave. I, being atheist, refrain from saying "Thank God!"

As an epitaph, let me say this:

In life he was dead,
So that's why he haunted us?

-- One who thinks aliases are dumb!!

(cont'd from page 1)

INTRODUCTION TO THE COMPUTING CENTRE

For anyone who is new to the University or merely unfamiliar with the Computing Centre, it might appear that the Computing Centre offers a confusing array of services and facilities. To help such people find their way around, a presentation will be given to explain the various services, to help in selecting the proper facilities or systems to use, and to attempt to point out who to see when something goes wrong or when assistance is needed. Following this session, a tour of the Computing Centre will be given for anyone interested.

DATE: October 1

TIME: 2:30 to 3:30 p.m.

WHAT IS A COMPUTER?

Computers play an ever-increasing role in the lives of everyone. They aid in billing you for your gas purchases, control the traffic lights on the streets, and help guide astronauts on their way to the moon. Unfortunately, many people believe that computers are too complex to be understood. The course "What is a Computer?" is designed to give non-computer-oriented people an insight into what a computer is and how it can be used. The main purpose will be to remove some of the mystery currently surrounding computers. Topics will be presented at a basic level and the assumption will be made that you have no previous knowledge of computing.

DATES: September 29 and 30

TIME: 2:30 to 3:30 p.m.

unCLASSIFIED

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 3rd 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, M&C3038, or send them in the mail subsystem on the 'Bun to userid mathNEWS.

MASTHEAD 9.3.....if we had our way there wouldn't be a masthead this week.....we can think of horizontal surfaces which are much more interesting at this....yawn....time. First we'll have our standard blurb about mathNEWS.....(it may or may not be correct).....

mathNEWS is a weekly publication (fortnightly in the summer), published on campus at graphic services. mathNEWS is financed by MathSoc fees, but is independent of MathSoc, and views expressed represent those of our staff and contributors only.

mathNEWS is created Tuesday nights from 7:00 p.m. onwards in M&C3011. All contributions, feedback, ads, or help putting it all together is welcome... if you're around drop in...

This issue, the 83rd in a long line, has 8(count 'em)pages with a total of 1200 copies.

Not much in the way of rumours and gossip is available.....mathNEWS has a copy of the file which contains all the things explain can't explain....such things as "explain math"....."explain yourself" occurred with a few comments that we can't print.....the villages have a net balance of -12,000 dollars compared with a surplus of 1/2=million dollars a mere 5 or so years ago.....Earl Bowman the math buildings (and mathSoc's) guardian angel is being deired as a security guard effective now.....this is caused by attempts to save money.....hopefully these attempts will not end up disastrously....our library on the 4th floor has a new librarian boss.....at 4:07 this morning the 'bun said "going down for a quickee at 4:30".....what's the world coming to??/

This week we had a total of 16 staff at one point or another during the evening.....They consumed a total of 36 hot dogs and 6 cups of coffee.....we were at....ever have one of those days when you keep forgetting what to say?????.....Staff members this week were:

INGRID SPLETTSTOESSER who thought her voice was going; F.PINTERIC it was a problem; SYLVIA ENG a cutting typist; our fill in the squares proofreader DIANE MITCHELL; some roffers and typers were TOM KEITH, STEVE RISTO, J. TRIVERS M.P.DILLON, R.MORRISON; J.J.LONG and D.W.GILLET who both discovered the charms of mathSoc furniture; we also had a GARY imPRUDENCE and a PETERed RAYNHAM; a DON HALL who sampled the delights of CARL Gauss; RJB who discovered the joys of system crashes and unsaved files; and finally the last two people awake....RANDALL Swatter McDOUGALL with sniffles MULLIN. Our next issue will attempt the efforts of being produced on September 30th in MC3011. See you(y