



The University of Waterloo Student Chapter  
of the Association for Computing Machinery



Welcome back to the CSC all you computer fans. We have got a great line up of speakers this year. Already we have had two really great meetings in the first two weeks of classes, both with turnouts between thirty and forty... which is really great for summer. We also have already had forty-one people join the CSC already, totally unprecedented for the summer. And you can be part of it!! YOU can still join, for only one dollar for the entire semester.

Now about the meetings. We had J.J. Horning here from the U. of Tronna. He spoke on the reliability of computers and languages. In the future it appears that languages we program in will be designed so as to make sure that we make fewer errors of the type that could possibly be detected by the compiler. i.e. no typeless languages like b.

The meeting which followed was Prof. Ullman from the university of Princeton. He spoke on Regular Expressions and Text Processing. It was a very well done talk, however it necessitated some knowledge of the material before hand. Otherwise (as I saw happen) you fall asleep with your head buzzing with all kinds of undigestable words like non-deterministic-finite-automata. However if you did understand it it was very good, indeed, I now understand what I didn't understand from my CS360 class.

ARE YOU  
POWER-MAD?



Also at this meeting, the famous CSC "Elections" took place. Elected were: Peter Stevens (alias puff) as Prez, Dave Buckingham (alias Burloaf) as Vice-Prez, Allison ??? as treasurer, and Rohan Jayasekera (alias apl freak) as secretary.

Later this year the CSC has a great line up. Still in the planning stages is a trip to the Toronto Airport to have a look at their computers (limited to CSC members so join up soon). In two weeks, on the 26th of May we will be having Professor Kelly Booth from this university to talk on Computer Animation. It will be in MC5158 at 7:30. **FREE Coffee & Donuts!!** Come one, come all.

The week following, June the first and second we will be having some more real big names in, there will be Dennis McIlroy from Bell Labs to talk about (and demonstrate) voice synthesis. Professor Saltzer from M.I.T. will also appear.

I expect to see you all there!!

## from the summer prez

So far this term we successfully got the society off the ground with our first meeting. The first week of the term was utter chaos as we only had one Executive member and four class reps to carry the work load. We managed to fill all the executive positions. Hopefully we will fill the remaining class rep positions at our next meeting. The executive committee consists of myself, Andy Mueller - President, Rosanne (Samm) Ristich - Vice, Alex White - Administrator, Bruce Mills - Social Director, John Long - Education Director, Trevor Grove - Treasurer, John Long and myself - Internal Affairs Director, and Brian Gregory - Athletics Director. Minutes for our meeting are

available in the Mathsoc office, MC 3038. As for lockers, we royally screwed up by giving lockers with the wrong lock attached. This error was quickly rectified by gallant efforts and frustration on the part of Alex White, Brian Gregory and Bruno Mangiardi. We still have lockers available in the Mathsoc office.

This society has plans for your entertainment and enjoyment. We hope you will indulge in our activities to support your society as did your colleagues last summer.

Well that's all for now and remember, the office door is usually open and your help will not be turned down.

Thank You  
Andy Mueller



this  
 $\Sigma$  THEOREM  
week's

**Theorem 1.1:** Sleeping in class is not detrimental to your learning.

**Proof:**

- Make a mental note of what is going on at the start of the class.
- Go to sleep.
- Wake up.
- Notice that you understand as much of what is going on as you did when you went to sleep.

*q.e.d.*

*Assumption:* Nobody understands what is going on anyway!

Alex  
Prez. of Sleeping Student Ass.

— NO SMOKING WHILE READING —

# math NEWS



VOLUME 14  
ISSUE I

660 661 662 663 664 665 666 87 668 667

NO GRIDWORD



## FED ELECTIONS



In a surprise move yesterday, Federation president Thug Thompson announced his resignation and his plans to run for re-election in the election called for June 2nd. Thompson who leads a minority CRG government is expected to parlay that vote into a majority, provided the polls are correct on election day.

The opposition motion limiting the increases in ice-cream prices to 6%, instead of the 8% wanted by the government, was cited by Thompson as an example of the obstruction tactics of the Free and Democratic Party (FDP). Thompson said that the FDP was a dangerous element on council, and that it was time for the voters to reaffirm its confidence in the CRG.

FDP leader Dave Cotter charged that Thompson had "engineered" the election, and wanted a majority even though his mandate would not end until February 1978. Cotter promised that his party would base its campaign on pressing issues such as environmental quality, citing the harsh living conditions experienced by some of the people living in the lower areas of the Campus Centre.

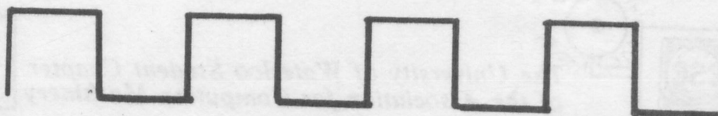
The third party, the Quite Frankly party, was in disarray after the resignation of their leader Parry Wiley. Their campaign got off to a poor start when interim leader Sam Haggar was prevented from campaigning at Food Services, because he forgot to ask prior permission.

The only thing yet agreed upon in this election has been a debate format. The three leaders have agreed to hold a debate in the Mathsoc C&D Lounge co-moderated by Neil McDocherty and Gerry Crudence.

## MATHSOC

Mathsoc voted to ask the Federation to delay its refundable fee referendum until the fall term. The motion outlined Mathsoc's belief that the students should decide in a referendum, what kind of fee they would pay. It went on to state that the actions of some Engsoc officials were causing disunity amongst the students, and that the refundable fee issue should be decided in the fall, when more people are around and a more rational decision could be made. The motion is actually an amended version of a much stronger motion. Some councillors felt that the original motion contained too many personal attacks against Peter King, and thus itself could be a cause of student disunity. Those possibly derogatory words were deleted, and the amended motion was passed unanimously.

## PULSE



After last term's absence in the real world, your reporter has returned to the virtual world of UW (you could say we are all paged out here on a swapping drum).

IBM has gone about making the work of your average systems programmer quite a bit easier than it was in earlier OS days. They have developed a large data base containing the definition of load modules present in the various operating system components. Cross referenced with this are source module CSECTS and macros. A utility program called System Modification Program (SMP) manipulates this data base, and allows the user to define his/her own "mods" or Program Temporary Fixes (PTF) as IBM terms them (they have an acronym for everything). Along with user defined PTF's, the systems programming staff in our installation receives a 6250 BPI tape full of PTF's for system maintenance every month (the PTF's on the last tape we received required at least nine-and-a-half hours of HANDS-ON test time for verification according to the cover letter). This would indicate that a large number of bugs are continually being found. The idea behind this program - data base is that all changes to the operating system and components are logged through this program. As well, back-ups of system source are kept in "distribution libraries". When a change is made and then placed in the running copy of the operating system then the utility gives the programmer a chance to recover quickly from the back-up source, should the change be faulty. Another nice feature is that a change to a macro used in more than one system module will cause all modules that use it to be re-assembled and re-linked into the appropriate system libraries.

All in all quite a useful tool.

IBM has announced a new processor in their SYSTEM 370 line, the 3033. It is reputed to be between 1.6 and 1.8 times faster than the former top of the line model 168. The different model number has caused a number of people to speculate that this new hardware is the CPU for IBM's "FUTURE SYSTEM" running an emulator program for a 1370.

Next issue: The security philosophy in OS/VS2 release 3.7 (MVS).



## CSCTRAMP



I am back again!! This is your friendly CSC tramp back to tell you all about the "Democratic" CSC elections!!

(APB: there is a new apl manual for the bun...expl apl manu...complements of ljdickey)

Upon walking into the first CSC meeting you may have noticed that before the meeting (and before the elections) that on the board was a list of the exec... It was planned before the meeting. But lo and behold!!! it did not come off as planned!!! However, the prez did get elected as planned. This is because he got all the speakers for the semester (thereby destroying CSC inaction). Also he is the only one who knows what the hell is going on. (oops, i forgot, the secretary was not overturned). For V-P we got our ex-prez of last semester who didn't do anything. We had a great turnover as the treas didn't get in!!

And there is a new addition to the CSC constitution (not yet ratified). This article says: any part of the constitution that we don't feel like abiding by, we don't. You see for the last few years the csc has been illegal. By the constitution we must have all executives as members of the ACM (as we are a student chapter of it)...and they never are. Further apparently if you have been a member of the csc for over a year you must join the acm....never done...ah well.

I think that the following is a very important news story which should have been published long ago. But with all newspapers on campus being controlled by one group or another this has not yet been published. At the end of last semester a nice guy named Phil Cramer (president of the Jewish Students Association) was a member of the Free Chevron. He sent a letter to the Real Chevron. In it he greatly criticized the AIA. An argument ensued with a certain AIA member. As they started getting rather hot, another AIA member pulled at him. Phil then said something to the effect of "get you hands off me you fascist". This person then allegedly (I am told i need that word in

csc tramp continues...

CSC Wants YOU!



## APLsauce

Well, here's a *new* column, which 'WILL', ((?2)-□IO) /' NOT' be a regular thing. APL is the basic subject, although you'll find that I may →?(/;0 at times.

One often heard criticism of APL is that it does not force programmers to write structured programs (although they can if they want to). It is unfortunate that many APL programmers take advantage of this to write unreadable code ('Betcha you can't figure out what *this* does!'). Since unreadable code is generally unmaintainable code, APL is sometimes resisted in commercial environments. One paper presented at the APL76 conference held in Ottawa in September (and reprinted in *Datamation* in March) gives a solution. The author, Ephraim MacLean of UCLA, proposes that APL programs be small, have a clearly-defined function, and pass data only as program arguments or results. Then, when a modification is required, the affected programs are *thrown away* and new ones are *written from scratch!*

Prof MacLean calls his idea 'throwaway code' works because of the high speed of APL coding and because programmers are not forced to write code in set ways. It wouldn't work in any other language!

One of the papers at the APL76 conference was presented by Maria Tavera of the IBM Madrid Scientific Centre, whose knowledge of English, though good, was not quite complete when it came to idiomatic expressions. At one point someone asked her a question which she didn't understand, and she apologized for this, saying that she was a foreigner and sometimes had difficulty with English. Al Rose (co-author of *APL: An Interactive Approach*) spoke up: 'Don't be embarrassed; the only foreigners in this room are the COBOL programmers!'

Well, that's all for this week. In future columns there will be APL contests and anything else I can think of.

)OFF



## classified ADS



To G.N. et al: The BNA act states that Canada is a bilingual country.

Wanted to Buy: Men's bicycle, 23" frame. Call 884-3320 after 5:00 P.M.

Announcing the coming marriage of James Doherty to Donna Burt Any objections should be forwarded to jbdoherty, care of TSS.

Wanted: The name (or phone number) of the tall blonde, wearing a tight mohair sweater, who was seen in the math lounge around noon, last Tuesday. Please forward any information to J.S.Vincent.

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.

Announcement: The Big 9 baseball team is holding a practice, Mon, May 16 at 6:00 P.M. at the Columbia field, for those players who have not been cut from the roster.

Needed Someone to assist T.Canduff from his regular T.G.I.F. meeting in the C.C. pub about 4:30 Friday afternoons.

## DISTANT REPLAY

In each issue of mathNEWS this summer, we will be rerunning important articles from mathNEWS past. For many of us they will bring back some fond and some not-so-fond memories. For the younger mathies, we hope to give you some insight into the mathNEWS of yesteryear. The following appeared Friday November 14, 1975 in issue 9.8.

Last Friday, Hallowe'en, Mathsoc was visited by a number of sub-humans who had dressed up as n-jineers, complete with 10 pounds of scrap metal, train-driver hats, capes and vacant stares. When the office irregulars refused to hand out the goodies which were to be saved for the Hallowe'en Pub that night, they became incensed and attempted to force their

entry, to the point where they had to be physically restrained, doing superficial damage to the wall of the computer science club. At this point it was realized that it had all been a clever plot by the n-jineers to gain entry to the office and grab the pink tie. Effective countermeasures were necessary: It would have to be chemical warfare!

Half a septillion elementary entities of the oxide of hydrogen were collected and transported to The Building's ramparts. Thus it was that the Mathsoc Office Irregulars turned what had been a glorious, triumphal march into a hasty, inglorious, and frankly soaking wet retreat. Up the mathies!!

A mere dampening of spirits, however, is not enough to deter a genuine sub-human. You have to do that twice just to get its attention! Which is why, at this desperate time in our society's history, your Mathsoc needs you! YOU are the one person who can help avenge this violation of mathie territory. So come to Mathsoc (MC 3038) today, and tell them you want to teach the troglodytes a lesson!

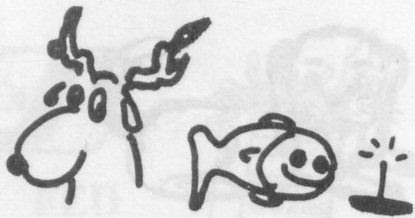
\$5,000

HEADSTONE



WHAT'S THE

GRIDWORD ?



Hi there Adolescents!

Hope you didn't miss us too much over the past term. We hope that all you co-op students had a good work term and are ready to crack the books once again this summer. It could be a long, hot one, and we anticipate our columns in **mathNEWS** should make the term a little brighter and lighter.

Judging from the responses to our last couple of columns, it looks like you've all outgrown Kiddie Korner, and have advanced to more adult pastimes to amuse yourselves. The rules are a lot more complicated in these games than anything you ever encountered in Kiddie Korner, so we thought that we'd give you a hand with some of the problems you might come across. Hence we will be devoting the space in our column this term to giving advice to the Mathie Lovelorn.

Even before going to press, word spread through the grapevine of our new column format. So though no one officially knew about it, we actually received two letters, which we guarantee are not fabricated by us.

#### Dear Sam'n'Tak

I have fallen in love (again) with a beautiful girl in my class this term. Due to my timid nature however, I have not been able to muster the courage to tell her how I feel. I have dropped a few subtle hints, such as putting my hand on her knee in class and watching her eat lunch in the math lounge with binoculars. For some strange reason I think she is getting the wrong impression of me. Is there anything I can do?

'Pistol' Pete

*Dear 'Pistol': Quit being so subtle and start using your 'pistol', Pete!*

#### Dear Sam'n'Tak

I'm writing to you in desperation. If anyone can help me, I'm sure it's you. My problem, as you can probably guess, is with the scourge of mankind; **WOMEN**.

Since buying a waterbed several terms ago, I have 'lived' with several of the nubile young things. (Women, not waterbeds) Needless to say, this practice has been extremely hard on my health. The lack of sleep is killing me. At this rate, I doubt I'll live past 30. The problem though, is that I have a waiting list, as long as my , of those who would like to join the harem. Being an equal opportunity employer, I cannot simply choose the best of the lot. However, it is clearly beyond my capabilities to service this many wenches. What can I do? I've heard rumours of a fellow called 'Pistol' Pete. Do you think he could help me, or is he just a flower? What about a course in Queueing Theory?

Eagerly waiting your response,  
Fred the Llama

## Fassinating!

### FASS '78

Contrary to rumours that are now circulating on campus, we are doing our best to cut down on the full frontal nudity and oral sex that were so shockingly displayed this year in FASS '77. (Those were some cast parties!) For those of you who missed the show because you were off campus (which is just about all of you since the show was in February) FASS is purportedly a satirical revue written, produced, directed, and performed by inmates of this fine institution.

At least, that's what they'd like you to believe. Some people say that FASS is a syndicate of sex-crazed Norwegian trolls pumping out comic material designed to subvert the masses and pollute our precious bodily fluids. Some people have stated boldly that FASS at times resorts to even clean humour, and actually invites punsters to participate in the creation of the show. Some people say that FASS is an excuse for an undisciplined mob of would-be actors, most of whom have never been on a stage before, to get together for parties and to fleece the public for funds to pay for the liquid refreshments at such functions. Some people have remarked that seeing FASS, or being in FASS is the most fun they've had since they gave up sticking raisins up their noses.

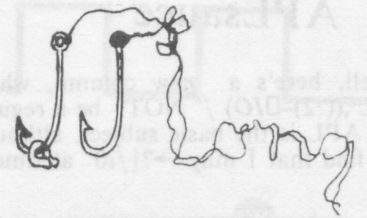
Be that as it may, it appears that all efforts to discourage them have failed; FASS will go on again next February (when most of you are back on campus again, after the work-term) and that the theme for the show will be the Roaring Twenties and the Mob. At this point in time, it appears that it's going to be a battle between rival gangs and who will win is anyone's guess. Will it be the Mathia, sometimes referred to as the Cosine Nostra? Will it be Elliot Mess and the Feds? Or, like the Ford-Carter debates, will it be a victory for the American people?

You can help decide by showing up at the summer brainstorming session at 7:30 Tuesday, May 31, 1977, in the Modern Languages Faculty Common Room, down on the first floor near the coffee lounge (we like to wreck the Arts buildings while they're all away). Everyone is welcome, and we expect a large turn-out of misfits, sexual deviants, avid gun enthusiasts, and curious onlookers. We promise that the experience will not be permanently debilitating in the vast majority of cases, and that all scars will be easily hidden by turtle-neck shirts and knee-socks.

*Dear F.t.L.: Your story, like your waterbed, sounds all wet to us. However, if your tale is true, try filling your waterbed with ice cubes. That ought to cool those women off!*

So now you see how it's done. How's your love life? Problems with school? Troubles with your Landlady? Write to us! All legitimate queries will be handled. Please keep your letters concise and to the point. We only have so much room, you know. And please, keep the language clean. Use a little discretion.

## FEDERACTION



As we start another term at Waterloo, we find Neil and the boys of Free and Democratic Publications still producing their paper in Federation space. While Doug Wahlsten gets his day in court in June, the Federation's eviction proceedings have yet to come to trial.

At this time a number of options can be pursued. By force or through the courts the Federation can try to regain its office space. The free chevron could be reinstated, something the free chevron wants, but something others might view as a politically expedient cop-out. Another option is normalizing the present situation by the Federation and Free Chevron agreeing to have the free chevron use the space provided they received no reinstatement and no Federation funds.

It is hard to determine what is really desired. People have complained about Federation inaction in the Chevron Affair, yet when the Feds tried to clear out the office, Peter King and Joe MacDonald were upset, perhaps feeling that the Feds were too harsh on the chevron. They then proceeded to propose a summer referendum on refundable Federation fees, despite the fact that neither of them mentioned the issue during the Federation elections earlier last term. I really don't know what MacDonald, King and their supporters want. Perhaps they would like the chevron reinstated, or maybe have Thompson recalled so that one of them can become president. Other people have suggested other motives. I don't know what is true or where their heads, or the heads of a lot of other people are at. I mentioned refundable fees briefly. I will discuss the issue, pro and con in more detail in a future article. It seems rather odd that some people would want a decision on such an important issue, that requires considerable debate, rushed so that it would take place during a term when few people are on campus. I hope to be mentioning the chevron issue much less during this term. The issue will never probably be solved in a manner satisfying all sides. The Federation should basically de-emphasize the chevron and talk about its own strong points. I hope to be giving you more information about these areas in future weeks.

Direct all letters to Sam'n'Tak through the **mathNEWS** mailbox or you can use the TSS mail system and send mail to rhtakashima or sveffer.

*CONFIDENTIAL to D.D.: You can try it, but grease the doorknob first.*

Sam'n'Tak





Step aside JJBT.....

## BIZ-BALLERS MEAN BUSINESS

Special to mathNEWS

WATERLOO- Toronto may have those amazing Blue Jays, but the BIZ-BALLERS belong to Waterloo! Co-ed softball will never be the same now that the 'Bizzies' have arrived on campus. Already they have held their 'Meet Your Team Meeting' and two practices.

"The response and enthusiasm has overwhelmed the management of the team (all team members are managers)", says Team Manager Kevyn Richardson, "and with our financial backing, we foresee a very sound and strong organization."

The team consists of 10 male and 10 female members (that's co-ed!), the backbone of which comes from 4A math business option.

### Revealing Statistics

Statistics Manager, Nelson Tishcoff reveals, "I don't know about the guys, but the girls have some of the best statistics I've seen in years."

Brian Roblin and Dave Stubbins have been working hard in managing the team offense and defense while Glen Dougan has been co-ordinating things with the intramural department. Rumour has it that star players Deb (DJ) Wilson and Pat (PJ) Maynard are holding out for larger signing bonuses, but things should be straightened out before the season starts.

And what about the BIZ-BALLERS' pitchers? "We dealt with the pitchers of ale at our first Grad Club meeting quite effectively", says Spirit Manager Dave King, "but we will have to spend some time with the lager drinkers before the team will be in top form."

The BIZ-BALLERS will be wearing sky-blue shirts and royal-blue caps...very stylish. The name of their beloved sponsor O.W. Sports will adorn the backs of the T-shirts.

FOR  
OFFICE USE  
ONLY

## Opposition Stymied

What does the opposition think of all this? Peter Noble, captain of the 'Short-and-Sassies' admits, "We can't compete with an outfit like that, but a uniform does not a baseball team make!"

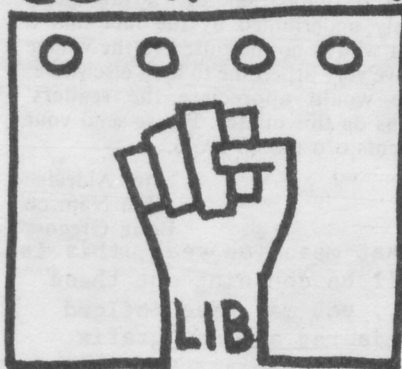
The BIZ-BALLERS are your team. They are the official entry of Mathsoc in the Intramural Co-ed Softball League. They want you all to come out to cheer for the team and join in the fun.

"We're not a pretty team, but we promise to be entertaining", says Spirit Manager, Sue Burford, "Each home-run will be acknowledged with a tip of the hat to the fans, and there definitely will be cheer-leaders!"

The Coach and General Manager, Sam Veffer, sums up the BIZ-BALLER philosophy. "I agree that we're a young team, but what we lack in experience and talent, we make up for with our enthusiasm and strong management. We mean business!"

Anything you say, Sam.....GO BIZZIES GO...

## COMPUTER



of Oak) (brisk march - with triumphant enthusiasm) Come, cheer up my hacks, us to glo-ry we steer. The prize more than all to a programmer dear. We shall rule the world through the use of C. Chorus: By per-haps C or may-be D. Chorus: Hearts of core our ma-chines. Lolly hacks are our men. We always are ready! Steady boys steady! We'll try and crash her again (pom-de-pom!) and again! (pom-de-pom!) We ne'er see our blues but we wish them to stay typing hard all the night to the break of the day. If it weren't for sleep-ing and getting our 100s We'd put all our time to this glorious use. (Chorus) Not a bit nor a priv-lege shall go un-dis-turbed E'en though those in charge be-come ra-ther per-turbed. Normal peo-ple ab-hor us, but they are such zits. For who are as free as the sons of the bits! (Chorus) Don't mis-under-stand us, we do wish to serve man-kind by writ-ing with a-h of our verve. Decent pro-grams and soft-ware that re-lieve man's pain. And find-ing the bugs and re-writ-ing a-gain! (Chorus) For we are the hacks of the M-F, C-F And we'll chase those bugs 'til there's no bu-ugs left. But then what would we do - It would be a bore - It's clear that we must add a few bu-ugs more! (Chorus)

...deunitnoc pmart csc

here, however i am also told that there are witnesses) strangled Phil unconscious. Charges were laid but dropped for an unknown reason at a later date. (ed: the content of all articles are solely the responsibility of their authors and you should not blame the editor)

CSC this year is asking for \$610 in budget this term. Certain members of organizations which supply this money were noticed to faint when this was announced. The large sum is due to the fact that we pay \$100 honourarium to non-Waterloo speakers who are not also sponsored by the CSC-department. Further, we are arranging the next terms meetings (more big names) and they live in all kind of crazy places. You wouldn't believe our phone bill!!

Hey Conroy, what about finishing QED on UNIX??

There is yet another rumor that the Bun is going to get a C compiler. (a very reliable source has said that this time it is very likely)

The CSC Tramp was beaten in ping-pong a large number of times recently. This has lost him his former reputation as the best. (However my trainer tells me that with a little bit of work i will return to my former status)

mathNEWS needs a faculty member to write a column to be entitled: "Faculty Scandal Sheet". If no faculty member turns up to claim this position we will be forced to make the entire thing up.



## Mathletics

By the time you read this it will be too late. You will not be able to sign up to lie in the pool and play co-ed Innertube waterpolo. It will also be too late to sign up for co-ed slow pitch (softball) as well as a multitude of other recreational and competitive sports through the intramural program.

But there may still be a chance. If you are interested in participating in one of the recreational or competitive teams come to the mathsoc office immediately and there still may be a chance.

As for the writing of this article (Wednesday night) we had enough people for one co-ed slow pitch team, one men's soccer team and one men's basketball team.

A pretty bad show for the summer term.

Since most of the lists are virtually empty, I would imagine that it is true that there are more spectators than athletes in Math. But you will all get your chance to show that this is not true by participating in some of the future mathletic events (ie the frisbee-throwing contest).

If there are any ideas for mathletics events please come and suggest them at the mathsoc office.



C and D



## C and D Quest

After a rather hectic first week, C&D seems to have settled down to a regular pattern. We were caught short early the first week when registering students and visiting high school kids, plus heavy advertising increased the popularity of C&D. The crowd nearly vanished by Friday, but business is now up again to a higher level. We have sold the vast majority of our sandwiches at full price, with a minimum of ripoffs. Early in the first week we had lots of coffee left over, but that is now better controlled. Donuts sell out early almost every day but Wednesday, when our order is higher and excesses go to Mathsoc or the CSC. Generally we may be inclined to under order instead of over order since people leave campus much earlier in the day during the summer term. This also eliminates wastage.

C&D is always looking for ways to run the stand more efficiently. Your ideas are always welcome. We can be reached through the MathSoc office. I would appreciate your answering the following questionnaire. This could help us save your money and lead to more logical ordering. Please be accurate with your responses. After filling the questionnaire out, you can return it to Mathsoc, mathNEWS, or the C&D stand.

good mornig.it doth be064920 whatever that means.oh yeah, this is thursday isn't is?that means graphix will be churning out these rather s t r e t c h e d six (?) pages... you may have noticed the extrordinay amount of filler in this rag.anyway, grafix oh fuck .....-l will turn these 6 \*\*\*count 'em\*\*\*\* SIXpages into lk copies. mathNEWS is the only volentarily staffed student newspaper, funded yet indepent of MathSoc.this summer, as last, this paper (?) will be coming out on a bi-weekly basis.next production meeting on tuesday may 24. be sure to show up, we can use the help. speaking of help, i'd like to thank the following for showing up both tues & wed nights...foxy roxy, our ad manager akfm summer prez;ekseigerman...sometimes...bjgregory, for the athletics;puf;csctrapp;long john j;sam 'n' tak;jim (i don't know who)forwhoknows what;rohan for aplsauce;trevor for the bridge games;our fourth for the bridge games;mort and sherri for the pizza marnie for her beautiful bod;cap'n jerk from and for fassssssssss; c&d for the stay-awake-sludgeand me , your summer editor, bun; since i didn't get a chance to write an article of my own, i will take this opporunity to bend your ear a little.there's a mathsoc pub on wed may 18th, a south campus hall pub on thurs may 19th a mathsoc meeting monday night at 7,,,,,,still a long way to go on tis page. how do i get myself into these things???????????????? many many thanx to the past editors for leving absolutly NO instr uctions on how to phototypeset this thing. after many attempts via the ol' trial and error method,we finally got it working right QUOTE-OF-THE-WEEK ...."Ah, it wont fit"..thanx samm, keep it up. IN MEMORIUM after a lengthy illness, the pink tie, also known as pinkie, has passed away.funerial services are forthcomming and will be announced.it seems like i'm the only one awake; except for Kandry but he doesn't count.this is page 06 good morning!!!!!!!

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 third floor outside the lounge, or mail it to us on TSS to userid mathNEWS, or take it to MC 3038 and have it put in our mail slot, or put it in the mail addressed to mathNEWS, MC 3038.

We are deeply concerned about the new village regulations and policies. The changes that were enacted in the fall regarding admission were not widely discussed and, as a result, there is undue speculation as to their ramifications.

We can appreciate the reasons for giving preference in village admission to frosh but we do not agree with the high percentage that has been adopted as it can result in extreme difficulty. Although senior villagers have an advantage in finding off-campus accomodation, this advantage is seriously undermined by the fact that a student who is not admitted to the village will have very little time to look elsewhere.

We would appreciate the readers' opinions on this matter. Please send your comments c/o mathNEWS.

Jim Aldridge  
Jon Namsoo  
Brian Gregory

1. You are (check one): Math Student   
Other Student (state Faculty)   
Faculty or Staff Member

2. Products usually purchased at C & D as number of times per week:

Coffee   
Donuts   
Sandwiches   
Other (tea, soup, etc)

3. Hours and days usually Frequented at C & D. Check as many as you want with A or B for often or occasionally respectively.  
M T W T F

8:00-10:00  
10:00-11:30  
11:30-1:30  
1:30-3:30

4. Due to raising meat costs the price of Subs and Kaisers may soon have to be raised.

4.1) Do you prefer:

a) The raising of price to maintain or increase quality

b) The reduction of quality to maintain the price

4.2) If a new sub price was established how much more would you be willing to pay:

5\*  10\*  15\*

4.3) If a new Kaiser price was established how much more would you be willing to pay:

5\*  10\*  15\*

5. What is your opinion towards the quality of the following:

Very Good O.K. Lousy

Coffee  
Tea, Soup, etc.  
Donuts  
Subs  
Kaisers

6. What changes do you suggest to any of our products?

7. What new things would you like to see sold at C & D (ignoring their practicality or impracticality)?

8. Other Comments: