

# to skate or not to skate

## POLL TO BE CONDUCTED IN NEXT 2 WEEKS

By the end of this week ballots are to have been mailed to all undergraduates and graduates concerning the proposed ice arena. As the explanation accompanying the ballot states: "It is proposed that an ice arena be constructed with funds derived from a compulsory fee payable by all full-time undergraduate and graduate students at the University of Waterloo beginning with registration in September, 1974 and extending over a period of 15 years. It is expected that the facility would be completed by October, 1975. The facility will be operated with an Advisory Board consisting of faculty, staff and students. The students will be in the majority on the Board and will be elected by the students in each undergraduate faculty and in the graduate faculty. The Advisory Board will report to and be responsible to the Vice-President, Finances and Operations. The priority users of the facility will be students."

There are 2 questions asked on the opinion poll. The first asks whether an arena should be constructed. The second asks, assuming a facility is to be built, for a preference of arena size and cost. There are 3 proposals: 1. \$600,000 facility, 350 seats, costing \$5.50 per year over 15 years; 2. \$1,500,000 facility, 2500-3000 seats, at a fee of \$14 per year over 15 years and 3. \$2,000,000 facility, 2500-3000 seats, at \$19 per year over 15 years.

On Tuesday of this week associate dean of mathematics, Dr. K.D. Fryer, who is the chairman of the Athletic Advisory Board, told mathNEWS that "the AAB is in favour of the second facility at \$7 per term." He added that "the President wants the small one, if anything. The thing that bothers him is that the 3000 seats will not be used most of the time." Fryer noted that this choice of the small arena is not really

(ARENA, cont'd on next page)

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# math NEWS

## TURNOUT: UNDERWHELMING

For those of you who don't care about MathSoc elections (that's about 90% of you), we'll whip a few election results on you anyway. At Tuesday's MathSoc meeting, Cindy Harris reported "There was only a 1% turnout".

But enough of student enthusiasm. The referendum on the proposed new constitution passed by the required 2/3 majority. Now it goes to the Federation Council for approval (rubber stamping) and becomes the official constitution on May 1st. The actual figures were:

167 for  
20 against  
46 spoiled

The cost of this year's election was \$17.44 for food (for the people counting ballots) and \$13.54 for posters and ballots (posters and ballots won this year by \$1.10).

Election Results			
Vice President	Arsenault	94	Spoiled
	*Lanouette	112	27
3B Co-op	*Hart	30	
	Martinello	11	1

4th Year	*Dunham	38	
	Kimmerly	27	
	*Martin	35	
	*Woodrow	32	1
2B Co-op	Honey	15	
	*St. Pierre	21	
	White	11	
	White(mini)	19	0

## ELSEWHEN

Fragments from mathNEWS' files, Friday, March 23, 1973, one year ago this week: "...superduper salesmen sell students: The Big rush is on at U of W...the entire university primped itself for the arrival of several hundred grade 13 students from across the province..."; "...Anti-calendar week officially ends today much to the relief of everyone involved..."; "...following are the joint honours programmes officially passed by the senate: Honours Statistics-Computer Science, Honours Computer Science-Statistics"; "...the ever-growing 'Keep Bill Wadge' campaign...The latest moves by students campaigning on his behalf include leaflets, petitions and 'Keep Wadge' tags..."

(ARENA, cont'd from front page)

"practical" since it would not even be large enough to house intercollegiate games. He also pointed out the example of the University of Guelph where a similar small arena was built and is no longer being used. "There's a lesson to be learned there," Fryer remarked.

Apparently the AAB and Carl Totzke, the Director of Athletics, feel that the explanations provided with the opinion poll are not sufficient. To this end Totzke and Fryer have prepared a lengthy two page "plug" for the ice facility. The 2 page "open letter" is being mailed to all off-campus co-op students "at about the same time as the opinion poll." In the article the authors claim to correct the "numerous incorrect and misleading rumours (that were) floating around" on campus last fall when the co-op students were on campus.

Federation of Students President Andy Telegdi after reading over this open letter refused to endorse it claiming it was too biased in favour of an arena. Dr. Fryer himself admitted an "underlying" rather than a "blatant bias".

The open letter takes the form of a series of questions and answers. One sample question and response: "Q. I think there should be an arena, but why should the students pay for it? What about grants from the Government? Will the Government's building freeze be lifted soon? A. Dr. Matthews told the Athletic Advisory Board (Andy Telegdi was present as a member) that he didn't see the Government's freeze on building funds being lifted in the near future, that if it were, it undoubtedly wouldn't be for athletic facilities, and that even if it were lifted immediately, an arena would be so low down on the priority list (compared with teaching buildings) that one wouldn't be started in the next ten years. The President has stated that if the students want an arena now, the only possibility he sees of their getting one is through their own underwriting of the capital cost involved.

The two page letter also mentions a number of other items of interest. In response to a question concerning the possible over use of a facility by the varsity hockey team it is replied that Peter Hopkins, Director of Men's Intramurals, has just released some figures on this year's Intramural programme. There were 34 intramural teams; the programme involved 116 games using 15 hours of ice time per week. The informal opinion poll held by the AAB in January is also mentioned. Apparently of the 1250 forms returned 1029 indicated a desire for an arena (82%), 917 showed a preference for a large complex (73%), 112 wanted a small arena (8.97%) and 221 were not in favour of an arena (17.7%). Where would the arena be built? "The only logical spot for the large arena would seem to be on the north campus beside the playing fields." In any event, all replies to the arena poll are to be returned to the University Secretariat by Friday, April 5, 1974 - the day before exams are scheduled to commence. However, it is noted that the results of the poll will, by

no means, be binding on the Board of Governors but "will be used to assist in reaching a decision".

Dr. Fryer adds, "If you are in favour, please say so; if you are opposed, please say so. It's your money (while you are at the University, at least)."

## faculty council

### COURSE CHANGES

At the Faculty of Mathematics Council meeting held on Tuesday, March 19, notice of motion was given by the Curriculum Committee regarding proposed changes in two first-year courses: M120 and M122A. M120, presently a full-year course, will be changed to two half-courses: M120A and M120B. Students who fail M120A, may take it again in the Winter or Spring terms, and the failing mark (although recorded on the official transcripts) will not be counted in the student's cumulative average. Also, students who fail the first half of M130 may switch to M120A in the Winter or Spring terms. Students who pass the first half of M130 may then take M120B if they wish. The news concerning M122A is that it will be the 1A computing course for Regular Honours Students--M132A becoming the corresponding course for Coop Students.

In other Faculty Council business, it was reported that Senate has requested that all Faculty Councils submit their views regarding the revised Tenure Policy by April 1. This was considered to be an unfair request since the revised policy has just recently been brought to the attention of Faculty Council and, thus, cannot be adequately discussed until the next meeting in mid-April. It was decided to relay this feeling to Senate and, in the meantime, have an augmented Executive Committee (including one student) review the Tenure Policy and submit a report at the next Faculty Council Meeting.

The last item of business was the Dean's report. Dean Forbes stated that the expected Fall enrollment, based on Fresh first-choice applications for September 1974, is down 16.7%. He added, however, that this figure could go up or down a little. In other matters, it was reported that the job of Vice-President Academic (presently occupied by Dr. H. Petch) is open, and that a committee has been formed to fill the position. The Dean asked Council members to submit any ideas for candidates to him. So, if you have any suggestions for the position let the Dean know through your Student Reps to Faculty Council. They may be contacted through the MathSoc Office (MC 3038).

Pat McGrath  
Phil Lanouette

## CLASSES END: MAR. 28

# NEW COUNCIL RATIFIED

Out with the old and in with the new was the story at this past Tuesday's math society meeting as the newly elected, and acclaimed, council members were ratified. New council members are listed elsewhere in this issue under the election results.

"We didn't even spend over half our budget for this year", summarized mathsoc social director David McMaster on the state of the social budget. Reporting on this term's Math Week, McMaster noted that "we planned to lose \$500-\$700 and we did!" As of Tuesday the social budget had \$1250 left with only \$250 to be deducted for the grad party.

Again this week, 3B co-op rep Bruce Woodrow asked for financial support for the 85% Canadian Quota Campaign. And again this week council voted against such support.

In other business, outgoing president Cindy Harris informed those present that competition is again open for decorators for the campus center; anti-calendar "is almost done" with about 30 classes to be done; openings for Coffee and Donuts manager (\$20 per week) and assistant manager (\$10 per week) for next September are open; the Coffee and Donuts stand will close next Thursday.

In a final bit of business Bruce Woodrow, 3B co-op rep, adding that "I haven't done a hell of a lot this term" proceeded to submit a report on his term as mathsoc rep "in partial fulfillment of my constitutional obligations". His comments follow.

## CPR'S RULES OF ORDER

During the past term, Math Soc's credibility has exponentially approached zero, especially among third and fourth year students. This report is an attempt on my part, as a class Rep., to point out some of the problems of the past and to suggest recommendations to the new council for the future. Hopefully, the situation will be corrected.

The most significant problem in the past term has been the manner in which motions that should be debated tend to be pushed through council by the executive. This has given rise to the phrase -

"Mathsoc Railroad" - or rules of order according to the CPR. This is not a very flattering compliment for any democratically run society. Why has this been allowed to happen? Simply because the executive gives no appearance of caring for input from the students of this faculty on the matters it brings to council. If they did care, background information on upcoming motions would be provided in sufficient time for class Reps to talk to the members of their classes and assess their feelings on the motion. This does not happen. A class Rep finds out about a motion when he walks into the meeting and is handed an agenda. With no advance warning

of the motion, Reps typically assume the executive knows best and vote in favour of it.

I have two recommendations to change this mindless voting into true representation of the Math student body. First, notice of all motions should be given one meeting ahead. All background information should be available in the mathsoc office at least two week days before the meeting when the motion will be debated and voted on.

My second recommendation is to the new council, especially the class Reps. If the new executive shows signs of following in the footsteps of the old, the following procedure should be followed. Allow the motion to be made and then debate it for a reasonable length of time. In the debate, try and pinpoint the controversial points. When the vote is called, remember that your job is to represent your class' view, which you don't know as you didn't find out about the motion in time: ABSTAIN! As long as at least half of the voting members abstain, the vote cannot be counted. Move the motion be tabled and you can vote on it next week as an informed class Rep. (Assuming of course that you will discuss it with as many members of your class as possible before then.)

Another problem this term, related to the above, is the fact that proceedings of mathsoc are not adequately published. As a minimal effort, minutes, agendas and supporting information should be posted on the mathsoc bulletin board. Further, the secretary or other person appointed by the president should write a factual account of each meeting to go in math!NEWS, as opposed to the somewhat biased articles that now appear with their own peculiar emphasis.

If the above recommendations are adopted, we will find that mathsoc genuinely reflects the wishes of the Math student body, and further, an informed student body will be more likely to get involved with Math Soc.

Submitted in partial fulfillment of my constitutional obligations by:

Bruce Woodrow(3B - Co-op)

## TROPHY

Math society social direction David McMaster has informed math!NEWS that the following people can claim their trophies for the

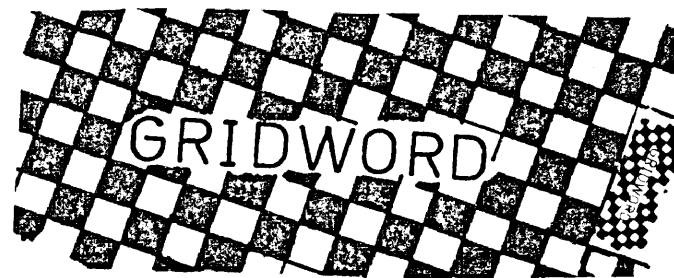
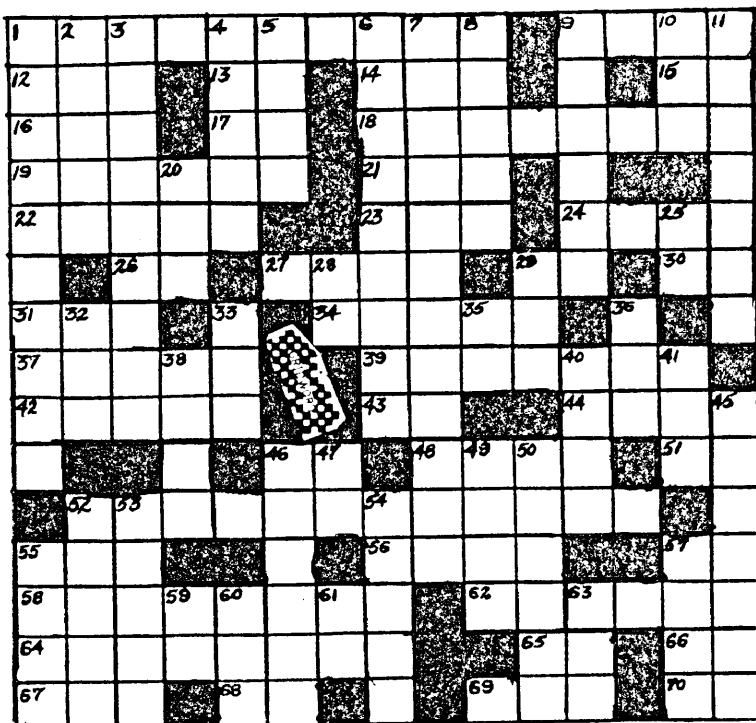
### BRIDGE:

Venus Lam  
Rio Tong  
Raymond Fong  
T.F. Cheung  
Marty Kin

### CHESS:

R. Bajramovic  
T. Raldy  
J. Freer

Prizes can be claimed in M&C 3038.



Seems that a lot of people had trouble with last week's gridword. There were mistakes all over the place (which made checking difficult). (I counted 16 different mistakes). Thirty incorrect solutions were received and twenty-six people managed to complete the puzzle correctly. This week's T-shirt winner is L. Ashwell.

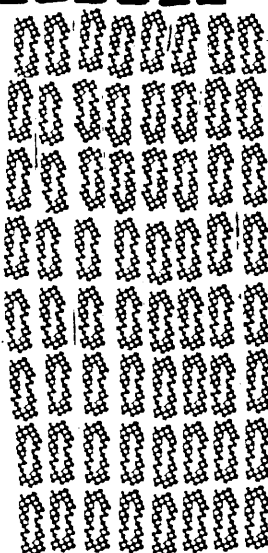
You may have a few problems with this week's puzzle by Dave Behan but it can be completed with a little perseverance.

NOTE: Since classes end next Thursday we're going to put mathNEWS together on Monday night so that it'll be available by Thursday. Therefore this week's deadline is Monday at 3:30.

name \_\_\_\_\_

### across

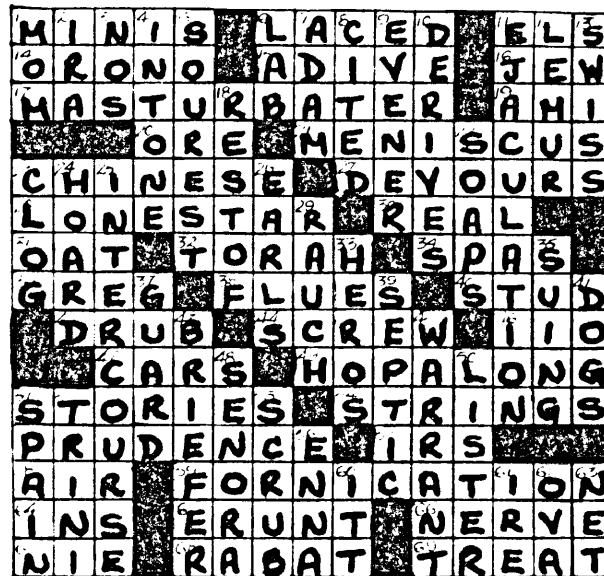
1. another like 6-down
9. he has a 11-down
12. a hurt Frenchman
13. see 35-down
14. apple, cherry, etc.
15. atomic #22
16. small weight
17. often follows a 'q'
18. to clog a drain (3 wds)
19. constricting snake
21. overdose: speed (abbr)
22. part of small intestine
23. Maple Leaf Transport
24. European (abbr)
26. concerning
27. a poem is uglier than this
29. \_\_\_ you like it
30. not afternoon
31. not but
34. M233, M243, etc.
37. well cooked bread
39. something broken needs



### down

42. in NE Africa
43. a threat (?)
44. they provide mobility
46. present of was
48. see 53-down
51. overcharge
52. Trudeau expletive
55. British Lighting Service
56. \_\_\_ facto
57. hear \_\_\_
58. big hill
62. an inverse function
64. religious vestment
65. atomic #63
66. bathroom (abbr)
67. sob
68. atomic #48
69. a lyric poem
70. atomic #10

1. beaten strongly
2. prophetess
3. today was tomorrow \_\_\_\_\_
4. inverted orifice
5. not closed
6. one of the new ones on campus
7. to encircle a 'eulup'
8. leavening agent
9. girl \_\_\_\_\_
10. sneeze
11. gotten upon graduation
20. an attribute of colour
25. Egyptian sun god
28. Royal Society
29. equivalent of DII
32. egg, \_\_\_\_\_
33. American Telephone and Telegraph



grid  
30

35. Indian abode
36. outlawed army in U.K.
38. potato
40. International Cable Night Letter
41. no more seats (abbr)
45. computer \_\_\_\_\_
46. sick help
47. atomic #34
49. overdrawn, secure account (abbr)
50. worshipped
52. used in baking
53. lending of money with interest
54. "greasy-spoon" for eg.
55. controversial title
57. some classes promote it
59. atomic #93
60. tender loving care (abbr)
61. I understand (?)
63. pool \_\_\_\_\_

# THIS Σ WEEK'S THEOREM

**GIVEN:** Trapezoid ABCD

**REQ'D:** Prove that the sum of the two parallel sides is zero.

**PROOF:** Denote the parallel sides of the trapezoid as p and q. Extend DC a distance of q to F, and BA a distance of p to E. Construct EF, DB and AC. Denote AG, GH and HC as r, s and t.  
In  $\triangle ABH$  and  $\triangle CDH$ ,

$$\begin{aligned}\angle HAB &= \angle HCD \\ \angle HBA &= \angle HDC\end{aligned}$$

(if two  $\parallel$  lines are cut by a transversal, alternate interior  $\angle$ 's are equal)

Hence,  $\triangle ABH$  and  $\triangle CDH$  are similar

Therefore,

$$\frac{DC}{AB} = \frac{HC}{HA} \quad \text{or} \quad \frac{p}{q} = \frac{t}{r+s}$$

In exactly the same way,

$$\frac{AE}{CF} = \frac{AG}{GC} \quad \text{or} \quad \frac{p}{q} = \frac{r}{s+t}$$

It follows that

$$\frac{p}{q} = \frac{t}{r+s} = \frac{r}{s+t}$$

Now, everybody knows that if

$$\frac{p}{q} = \frac{r}{s} \quad \text{then} \quad \frac{p-r}{q-s} = \frac{p}{q} = \frac{r}{s}$$

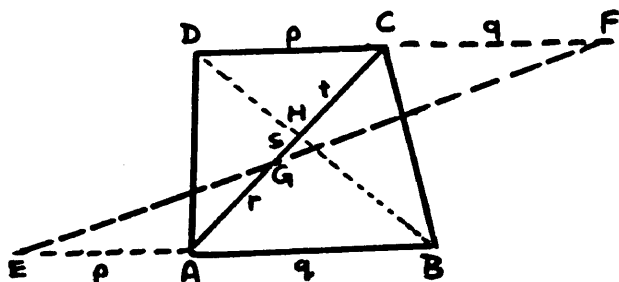
Applying this, we get

$$\frac{p}{q} = \frac{t-r}{r+s-(s+t)} = \frac{t-r}{r-t} = \frac{-(r-t)}{r-t} = -1$$

From this, we can conclude  $p = -q$ , or that  $p+q=0$ .

Therefore,  
 $DC + AB = 0$

or, the sum of the parallel sides of the trapezoid is zero.



## unCLASSIFIED

(Note: mathNEWS will print your classified ads FREE OF CHARGE. Just jot them down on a slip of paper, take it to room MC 3038 and have someone there deposit it in the mathNEWS file. Or, drop your ad in the campus mail (a free service) addressed to: mathNEWS, MC 3038. Weekly deadline for submissions: TUESDAYS: 4:30pm.)

**LOST:** Bracelet - silver with moonstones (Iridescent white). Keepsake - Reward. Please call Elsie Devitt 3072.

**FOUND:** One ID card (Tues. Mar. 19). Loser may reclaim same at mathsoc, MC 3038, by giving number.

**WANTED:** Townhouse or house to rent for one year starting in Sept., near campus. So if you are leaving a good place, please let us know. Gord: 884-5046, Chris: 884-7539, Craig: 884-6918.

**WANTED:** Used motorcycle helmet. Phone 884-2019.

**WANTED:** One male to share apartment in St. Jamestown with 3 others, for Toronto spring work term. Call: 884-8241.

**FOR SALE:** Sony CF-550 AM/FM stereo radio cassette-corder. In perfect condition, want a good deal? Please call 884-5190 Allan for more information.

**FOR SALE:** One bed-mattress, box spring, and headboard. Less than 8 months old. Call: 579-2854.

**FOR SALE:** 12 Volt, all transistor AM car radio with elliptical 10 Ohm speaker and external 3-section antenna. Excellent reception! List price: \$80.00; a buy at \$25. For further information phone Peter at Ext. 2254 or at home: 743-4263.

**HAPPY BIRTHDAY:** to Debbie Sawyer from Barb and Liz.

## AVAILABLE

Jim Langer, recently acclaimed mathsoc president, has informed mathNEWS that applications for the following mathsoc executive positions are now being accepted:

- Social Director
- Administrator
- Treasurer
- Director of Publication and Education
- Director of Internal Affairs.

Information can be had in the mathsoc office, MC 3038.

# math ETICS

## REG MATH ADVANCES IN TOURNEY

A major upset featured the opening round games in the second annual U of W Invitational Hockey Tournament. Kinesiology, the 1974 intramural champs at U of W, were upset 4-2 by a surprisingly strong team from the University of Guelph. In the other first round match, Sir Wilfrid Laurier nipped Village II West 2-1 in sudden death overtime.

In quarter-final action Tuesday night, Regular Math defeated a late entry, Co-op Residence, 6-2. They were replacing McMaster University who were unable to fulfill their commitment due to mid-term exams. Co-op, who went undefeated in league play in the winter intramural

season, scored two early goals but were held off the score sheet thereafter. Math led 3-2 after one period and added 3 unanswered tallies in the second period. Ken Chupa tallied 2 goals for Reg Math and singles came off the sticks of Dean Mucci, Pat Fallon, Murray Walker and John Gatway. Reg Math advances to the semi-finals Friday morning at 9:30 am against either Osgoode Hall or Laurier. The consolation and championship rounds continue Friday at Moses Springer Arena with games at 10 am, 11:30, 1:00 pm and 2:30 pm with the double-header finals at Waterloo Arena this Saturday starting at 7:30 pm. Admission is free for mathsoc members.

## CSC REPORTS

The CSC seminars are coming along fine. Unfortunately, two thirds of those registered have failed to show, and others unregistered have appeared. Hopefully, the seminars will become a "permanent" fixture of the CSC, starting next term. Watch for our posters.

There will probably not be another CSC meeting this term, because of all the time being spent on the seminars. The two seminars for next week, TSS Design and QED - W5mXPL, are fully booked.

"RIBBIT (Computer)" is now member 2060 of the Chess Federation of Canada. In an exclusive interview, Ribbit said it hopes to enter the Toronto Open Chess Tournament on Easter Weekend.

In further complications this week, the CSC computing centre account numbers ran out of juice, and may or may not be reinstated this term. A policy decision regarding CSC account number usage may be forthcoming shortly.

In the sports department, it has been suggested that some people might like CSC T-shirts. If such is the case, please send mail on TSS to jparry. If there appears to be enough demand, we shall see if we can come up with something.

In the classified ads section, wanted: one body, with strong automobile, going to Toronto on April 11 (eve) and returning on April 14 (eve). The successful candidate should be willing to transport 2.5 people and 1 terminal. Remuneration: everlasting gratitude & honorable mention in Ribbit's credits. If interested, contact Jim Parry (TSS userid jparry or ext 2337). The position has been created to enable Ribbit to compete in the Toronto Open. Applicants

## PARTICIPATION?

As another intra-mural program comes to its conclusion, the number of math participants in sports has dropped to 12th position, behind groups like science, ESS, the Co-op, V2 West, etc.. Only about 400 participated in all 15 team sports which involves only about 100 individuals.

There is offered at this university the best intra-mural system in Ontario, and I know, since I talked with others at an intra-mural conference. For anyone, talented or otherwise, we have and will have, in the fall, competitive basketball, football, softball, hockey, soccer and floor hockey at A and B levels. To demonstrate how varied our program is, there is instructional and recreational hockey, ball-hockey, volleyball, broomball, curling, tennis, badminton, squash, swimming, skiing, bowling, archery, inner-tube water polo, golf ping-pong, karate, track, and more in clubs like sailing, underwater, rugby and weight-lifting. So come out and take advantage of what is available (It doesn't take much time). For more information see Chris Trothen 884-7539 or MathSoc office.

Also we need help organizing, with Pat Fallon (of hockey) graduating. We require an athletic rep. from each year to help set up team sports and communicate with their classes. We will also have a voice on the M.I.A.C. council.

PLEASE, I NEED SOME VOLUNTEERS,  
Chris Trothen

from any sex, religion & tint are welcome. Any CSC members (current or potential) who will be around here during the summer, and who are willing to help keep the CSC going, please see Jim Parry.



# ICE FOLLIES

by rfallen

This week's news comes not from a math dept. but is of concern to all mathies. WE ARE GETTING IT IN THE EAR AGAIN!!

Apparently after long weeks of discussion and inactivity, the administration is finally going to present us, and get this, an Ice Arena Referendum. (Flash: I have just been informed it is not a referendum since a referendum is binding. This will be an opinion poll and will only be considered binding.) This puts me in mind of a certain U of W Act presented in the spring and passed in the summer while the majority of students had gone home. Plus do you remember the Oktoberfest fiasco (if you can't, don't worry) also passed in the summer. So true to form, take a guess what is going to be passed this summer?

To add insult upon insult the arguments presented are not even sufficient to convince public school kids. For example in a letter being sent out to co-op students, Q. "Who would pay the operating costs....?" A. "The university would assume these costs..... might run annually from \$40,000 for the smaller to \$90,000 for the larger..... a larger arena would allow the possibility of some income-producing events such as concerts, an M.H.L. training camp, extra revenue from games etc." I suppose concerts would help pay for the building but did they ever consider this revenue was going to pay part of the operating costs of the P.A.C. building? As for an M.H.L. training camp, HA-HA! Last and the leastest is the reference to extra revenue from games, which can be taken to mean Varsity games, so say good-bye to your seasons ticket and watch the average number of hockey fans (approximately 300, including the Warriors Band) dwindle as they have to choke up a dollar per game.

My apologies, my dear Watson if I seem to be against an arena being built. This isn't true. I'd like to see a new arena built because, after all, how much longer can the Barn last? But I want it built only after, all the facts have been presented, students not swayed by emotional arguments, and a reasonable length of time in which to decide.

The two choices presented (the third is there merely to fill space) are simply biased in favour of the second. Given: a 350 seat arena, implies: no varsity hockey among other things. This is absurdity; if/when we build an arena we certainly want our hockey team to play there. On the other hand, the second proposal calls for a 2500-3000 seat arena. What would we do with all those empty seats, that will only be filled at the playoffs (maybe!), and playoff games are usually 3-5 games. Does this justify that many seats? Why not something smaller with 1000 seats? Are we having the wool pulled over our eyes?

The main objections I have are:

1) You're given the choice to say yes or no to building an arena but not the choice to turn down their ideas.

2) The idea of presenting this issue so close to the end of the term. Don't we have enough problems?

3) It is now going to cost (they approximate, perhaps more) \$7/term from the proposed maximum of \$5. They couldn't get the money at the low interest rate.

Perhaps if we get the answers we may be able to come to a decision but the idea of answers is foreign to a university so don't hope for much.

Next week..... students are asked to voluntarily pay for .....(fill in the blank)

## FEEDBACK

(Note: Letters appearing in this column represent the opinions of our readers. mathNEWS welcomes your criticisms, comments, suggestions, etc. All letters should be signed, but, if requested, a pen name will be used. Submit your feedback to MC 3038 and have someone there deposit it in the mathNEWS file. Or, drop your letters in the campus mail (a free service) addressed to: mathNEWS, MC 3038. Weekly deadline for submissions: TUESDAY 4:30pm.)

## thanks

mathNEWS:

As you might know, on March 16th, the graduating class held their Graduation Party. Such an affair is the culmination of the efforts of many people. We would like to take the time now to express our thanks to the many people who assisted in making the affair a success. The people in the Mathroom certainly deserve an accolade for their patience in selling tickets and handling enquiries. Both the Dean and the Math Society provided financial aid without which the party could not have been. The people in the Math Society provided invaluable support, both tangible and moral. There were many other people who helped with all the small details that are always an integral part of any affair of this nature. Last, but by no means the least, mathNEWS provided some much needed publicity.

Thank you,  
John Dark  
Janie Kupka

## 1st yr course attacked

mathNEWS:

Regarding several comments in "A Burloaf's Meady Mffrs" concerning Computer Science Day and game playing. For a long time now, I have felt that Computer Science Days were tremendous for the high school

students who visit Uniwat. It really is impressive to observe how much computing these kids learn in one day! They are "impressed all to heck"! However, our first year computer science program is not so impressive.

For these Computer Science Day students, computing is fun. But after 4 months of 132, is computing still fun? After the Computer Science Day buildup, I think it is reasonable that students feel let down, and discouraged. Lots of interesting things happen at Waterloo, and students can ask to be exposed to these neat things (where is computer graphics, data communications in the undergrad curriculum?). The Computer Science Department Curriculum committee would be a good place to send student comment, criticisms and suggestions.

Computer Science Days impress students with how exciting computing is; the courses should change to reflect this, rather than CSD pointing out how depressing the computing service can be.

As far as the Honeywell system is concerned with Computer Science Days, at least the undergrads have something to look forward to - some real sit down interactive timesharing computing. Games are neat! I really enjoyed writing a game playing program which learned to beat the human player by remembering each players mistakes. That aspect of computing is fun and in the tradition of what Computer Science Days try to portray. And that's good.

Those students who find it challenging to play a cybernetic chess player, or zork around with a spacewar game are a bit of a drag. But the neat part of this aspect of computing is trying to generate better game playing software, and control its usage (perhaps by using timelock passwords, execute permissions, etc.). This part of computing is fun too, and that's good! As long as breaking system security remains a challenge and not a vendetta or is not malicious in nature, everybody wins in the long run.

The pitcher of beer is still available for finding a loophole, and if you're good enough to plug it, we might even hire you.

Rick Beach

## APL defended

mathNEWS:

As everyone knows by now, APL is near and dear to my heart. So when I find people abusing APL either in programming or in print, I feel compelled to set the record straight. One such crooked record is yours ("A Burloaf's Meady WFFRS", mathNEWS 4.8, Friday, March 15).

You seem to advocate playing games on APL. You are obviously not in computing because every serious computer scientist knows that the computer is not a toy. One doesn't study computing solely because it's enjoyable --- even though it is. You are also not in statistics because every statistician knows that HP-45's don't do vector and matrix calculations. Come to think of it, you can't know too much APL either if you think an HP-45 can do what APL can do --- and I restrict my consideration of "what APL can do" to those aspects that concern statisticians.

Now I come to a bone of contention I have been considering for a while. As you supposedly know, I am in charge of APL on Computer Science Days. I received a request once for a schedule of forthcoming CSD's. This was back in February, when I ran CSD's on 3 consecutive Saturdays. The following CSD I was greeted in M2C3022 by a sign in twelve inch high letters saying "CSD STINKS". The terminal room was devoid of terminal paper. Except for one terminal which was in the process of typing out another one of those "CSD STINKS" signs. And even that terminal had run out of paper --- part of the sign was printed and the terminal was madly hammering away on the roller. This happened 2 weeks in a row. The point I am making here is that I will be goddamned if I will release the dates of the CSD's coming up in April, UNLESS I receive an apology, in person, from the person who was responsible for the signs. My office is M2C6213 and you can find me in M2C3004A between 3:30 and 5:30 p.m. on Tuesdays and Thursdays. Bill Kredentser

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Down to the wire, at 4:44 am, we see that our number has again dwindled to 3 (thank god next week is the last!) ... This week we accomplished a first - 9 pages. But a deletion here and an omission there and, voilà, an even 8.5. Thanks this issue to Jim Parry, Bruce Woodrow, Liz and Barb, J.J. Long, Pat Fallon (for his post-lam bulletin) ... This week's assemblage: Pete ('T.I.T.') Rayaham, Pat McGrath, Mark Saaltink, Randall McDougall, Norm Macdonald, Janice (bigbrother is watching) Halligan, Peter Walesch, radevitt, rfallen (who almost made it, and left a message for M-K-?? etc ... darn, we lost it), and finally the three who made through the long morning Phil Lanouette, Bob White and, of course, John Peebles.-  
ragw