

the results

MATH SOCIETY BY-ELECTIONS

The following are the results from the MathSoc by-elections which were held Friday October 18, 1974:

1st year reg

Brals, EricAcclaimed
Nixon, RogerAcclaimed
Willis, KevinAcclaimed

1st year co-op

Badham, Mike	18	13.04%
Keller, Joe	18	13.04%
Matthews, Rick	15	10.87%
* Pascoe, Robert	20	14.49%
Plante, Brian	10	7.25%
* Rusheleau, Mike	22	15.94%
* Shewan, Hilda	34	24.64%
Spilled	173%

3rd year reg

* Arsenault, Randall	15	35.71%
* Dallcandro, Janet	20	47.62%
Masternak, Matt	7	16.67%

* The Winners

ISSUE 6.5
FRIDAY, OCT 25, 1974

math NEWS

ENUMERATION BLUES

The enumerators for the upcoming Municipal Elections ignored the rights of 4,000 students living in residence at U of W and WLU.

In the past, the City Council of Waterloo has ignored problems relating to students at the universities in Waterloo.

University students make up over one third of the electorate in Waterloo. To make sure you have a say on City Council, get your name added to the voter's list.

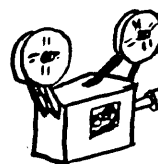
If you live in residence and have not been enumerated, see the ad on the back page of the Chevron.

If you live off campus, you can get enumerated at your Society office or the Federation of Students office.

City Council has ignored students in the past and will continue to ignore students in the future unless you vote for your representative in the upcoming municipal elections.

DON'T FORGET

MaTheatre
Film Festival
is coming
and it's
FREE



don't wait for spring

All Co-op students currently on campus who will be returning for classes in the spring/75 term should pre-register during the period November 4-8/74 with an appropriate Faculty Advisor at the times indicated below. Regular students who wish to pre-register for the spring/75 term are requested to wait until March/75.

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

E. Anderson, P. Brillinger, R. Dunkley and R. Scoins:

Monday, November 4 9:30-12 noon MC. 5158
Tuesday, November 5 10:00-12 noon MC. 5158
2:00-4:00 pm MC. 5158
Wednesday, November 6 9:30-12 noon MC. 5158

- (2) All 2A Co-op Teaching Option students (Honours and General) will pre-register as a group during the MATH 206A class on Monday, November 11/74.

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

(i) Computer Science - V. A. Dyck
Monday, November 4 1:00-4:00 pm MC. 5158

(ii) C.A. and Business Options - J. D. Kalbfleisch
Thursday, November 7 1:30-5:30 pm MC. 6092A and Friday, November 8 3:30-5:30 pm MC. 6092A

(iii) Teaching Option - R. Dunkley, E. Anderson and R. Scoins. Please sign up for an individual appointment on the sheets posted on the Co-op Teaching Option bulletin board outside room MC. 5103.

(iv) Combinatorics & Optimization - R. Burns
Wednesday, November 6 1:30-4:30 pm MC. 6133

(v) Statistics and Actuarial Science - M. Bennett and C. Springer

M. Bennett: MC. 5036
Thursday, November 7 9:00-11:30 and Friday, November 8 10:30-12 Noon, 1:30-4:30 pm

C. Springer: MC. 5039
Tuesday, November 5 9:30-11:30 am, Wednesday, November 6 2:00-4:00 pm, Thursday, November 7 2:30-4:00 pm

MATHSOC MEETS

Last Tuesday's MathSoc meeting got off to a flying start with the discovery that the room regularly used for council meetings was hosting a term test for some undetermined course. Proceedings were thereby delayed about five minutes as we went next door to 2035, and five more minutes while waiting for our speaker and/or quorum. Meetings, in future, will be held every two weeks in MC 2037.

The semiformal will be on Oct. 31 and tickets should be on sale Monday.

The Election Committee report was presented to council (see front page). Fifty-two of 571 first-year Co-op students voted, 24 from 280 third-year students voted, and three first-year Reg. reps were acclaimed. These results were accepted by council which allowed those of the eight new representatives who were there, to vote for the rest of the meeting.

Andrew Telegdi appeared and asked the support of MathSoc in getting students enumerated for the up-coming municipal elections and generally rousing interest.

The CSC pointed out that \$100 of the \$163 by which they were overdrawn in summer was actually a grant by Summer Council to help finance the FIRST Canadian Computer Chess Championship, and should not come out of their current budget. This was tentatively agreed, but a motion to reallocate funds was tabled until members of the summer executive could be consulted.

A request was made for people to help organize Antical this year. There were a few tentative volunteers....

MathSoc approved, in principle, a questionnaire regarding smoking in the Math Building (see page 9).

Under announcements, it is noted that a Federation-Societies Conference will take place at Noon on Saturday, in the Board and Conference Room, Needles Hall.

Whappen'd ?

For all those gridword fiends (and others, if any) who missed last week's edition of mathNEWS, we are sorry, because we missed it too. Last week, not enough people showed up to turn out a paper; which was almost all right, taking into account the fact that there was an insufficiency of news and events.

If you do not wish to see this sort of thing happening more often, you should make an attempt to help. It is your paper too. If you are unable to come personally, we would be glad to hear from you via 'mail' on honeywell, via our own personal mail box outside of the third floor math lounge, or even through the MathSoc office. Remember, this paper can only be what we, the students, are willing to put into it.

BURLOAF

It's midterm time again, that time of year when you can take a break from taking it easy, and get down to good honest studying. It's also computer assignment time, as witnessed by the perpetual unavailability of terminals, especially on the Honeywell. Why even the broken terminals, and the ones with APL typeballs are often being used. It makes you long for those summer days when the student population is small enough that the facilities provided are adequate.

A university is supposed to be a place where people seeking knowledge gather for the mutual benefit in searching for knowledge together. A University generally uses two methods to accomplish this. Very knowledgeable people carry out research into new fields, coming up with new information, and then these people take their knowledge and teach it to less knowledgeable underlings (students). A University should cater to both groups of individuals, the faculty and the students. At this University, it seems we are not fulfilling the second objective as well as we could.

The case in point that comes to mind is the availability to the computing facilities, particularly those of the Computing Centre. Access has always been pretty restricted, but has grown more so in recent years. Access to the Debug, once free and easy, is now being closely controlled, to the point where a student can run no more than a fixed number of jobs for a course. APL used to have generaluse numbers, making access quite easy. However, these numbers were rigged to interrupt every 2.5 seconds, making them tedious to use. Now the numbers have disappeared altogether.

The situation with the Honeywell was a little different. When first acquired, however, the 6050 was intended for use only by faculty and graduate students, and was considered an experimental machine. There was a generaluse account, USER1, created for undergrads to use. This was the only access undergrads had to the Honeywell, and unless you were one of the lucky ones, you had nowhere to put anything you worked on, because all the filespace was used by the lucky few who had it all passworded. However, because of the nature of the Honeywell accounting, and the fact the machine was running nowhere near capacity, it was decided to make it possible for the "peasants" to have userids.

This situation is unfortunate, but understandable in the light of the accounting policies. I think, however, that the current policies should be changed so that access to facilities is easier. As was indicated two weeks ago, the Computing Centre is not against usage of their equipment by undergrads. It is the real money that has to be paid for usage of said facilities that prevents this. As has been borne out by past experience, generaluse

numbers are not the best way to give people access to machines, because then there is always constant fighting over the storage space, if any, and the problem, that if anything happens from a generaluse number, such as people breaking system security for misuse of the machine, there's no way of knowing who did it. When there's no capacity to store programs, or no security (the next user can wipe out your file), then serious programming is prevented, and about the only thing left is to use canned routines in libraries, particularly games. Also, people tend to be less responsible on a generaluse number than they do on their own. On generaluse numbers, people have been known to pull stunts like writing a program that grinds endlessly, tying up system resources for the hell of it.

However, the solution of not allowing anyone to use the system is an even worse solution, for there are many interested students who would like to do "worthwhile" things on various machines, but can't because they are more or less victims of circumstances.

The Debug terminal represents another non-serving of the user, as it combines the worst of several worlds. A few years ago, the "cafeteria" style of job running was reasonable. Today, however, better methods exist for doing things, combined with the fact that the Debug's capacity isn't that great. You spend most of your time waiting in lineups, and the time and page limit are ridiculously small. Today, a time sharing system allows one to get more done in less time. However, this is not the only solution to the problem. Also, as the number of users goes up, the time spent in the lineups increases to the point where the user is wasting his time, and would be better served if he could submit his deck and pick up the output later, as is done in the I/O room.

Another example of the University serving its users is the case of the path by the Humanities building onto the Ring Road. It was a convenient route for cyclists to use, except at one point where the asphalt is broken by about five steps. From the dirt path worn into the grass around these steps, the need was obvious: A bike path around the steps. Physical Resources met the need by planting a tree in the path, and then placed guy wires which proved treacherous to the unwary cyclist. Well, as might be expected, two new paths formed around the tree, one on either side. Seeing that this was a bad solution, action was again taken. A snow fence was erected, causing the cyclist to have to trace a wide arc across the grass.

Another place where the University serves its members well is the way that the Math Building (among others) gets locked up at night on weekends. Why this policy, I don't know. Who are they trying to keep out? Surely anyone who has devious purposes, against which the locked doors are supposed to guard, would have no problem getting in before locking-up time. It does present a nuisance to people who come to work and

(cont'd on next page)

BURLOAF

(cont'd from previous page)

find all the doors locked, entailing their either standing around until someone comes to the door, or the throwing of small stones at windows of rooms with a person who then has to come down to open the door.

However, going to University is a sort of business deal, you pay so much to come, and so you should be aware of the services that will be rendered when you get here, and if you come out the loser, that's your problem. I don't think, though, that going to University should be regarded as such.

GAUSS LIVES

On 30 April 1777 KARL FRIEDRICH GAUSS founded the KARL FRIEDRICH GAUSS Foundation. One hundred ninety-seven years, one hundred forty-two days later, KARL FRIEDRICH GAUSS convened the first meeting of the KARL FRIEDRICH GAUSS Foundation at the University of Waterloo.

At this triumphant well-attended meeting, KARL FRIEDRICH GAUSS was unanimously re-elected to his one hundred ninety-seventh consecutive term as Perpetual and Beloved President of the KARL FRIEDRICH GAUSS Foundation.

Unanimously elected Vice-Presidents were Goz Lyv and Herman D. L. Night of the University of Waterloo, whose tasks are to organize and promote Gaussian Thought in Canada and to prepare for the Bicentennial of the birth of KARL FRIEDRICH GAUSS. It is anticipated that dozens of jumbo jets carrying devoted Foundation members will travel to Braunschweig Germany to take part in the celebrations culminating in a seventeen hour silence led by our beloved leader KARL FRIEDRICH GAUSS, on GAUSSday (30 April 1977).

A new Constitution, the text of which appears below was also unanimously ratified.*

Any persons, interested or disinterested, are encouraged to attend all meetings of the KARL FRIEDRICH GAUSS Foundation. See the Gazette for time and place of meeting.

EDITOR'S NOTE

Due to the fact that we consider it rather lengthy, the new constitution will not be printed below. Also we think it sneaky to use mathNEWS to plug reading the Gazette.

the GREAT escape?

TEN ENGINEERS ESCAPE FROM CAMPUS

Authorities announced today that a daring escape from Engineering Lecture was made some weeks ago by ten hardened engineers. Major T. P. Mountjoy, who is investigating the incident for the Society, made the startling revelation this morning after measures to prevent a similar occurrence came into effect. "We couldn't make the matter public until we could rectify the breach in our security. There's no point starting a panic...." explained Maj. Mountjoy.

The Major outlined the insidious manner in which the breakout was accomplished. Twenty-one of the most "hardened and offensive" engineers who were confined in the lowest level of Engineering Lecture overpowered the sixteen bull elephants who kept watch on them and made their way to Level 4. There "with astonishing cunning" they went directly to the heating system access room. They entered the hot water ducts which crisscross the campus and followed them to the source at Physical Resources. By this time the security forces had been alerted and the Guards at Physical Resources attempted to stop the breakout. "They fought valiantly" said Mountjoy "but they were no match for a group of psychopathic engineers." The guards killed or wounded eight of the number before the other thirteen battered down a wall and made their way towards the Campus Centre.

"It was unbelievable" said one of the surviving guards "they knocked out an entire wall of the building using only their heads as a battering ram."

The Forces of Right trapped three of the escapees on the roof of the PAC. Those three got no farther. "It was like 'King Kong'" said an eyewitness. The remaining ten made their way to a waiting fleet of Hercules aircraft and departed in the direction of Detroit.

"It's very embarrassing," admitted Maj. Mountjoy "But the heating system has been restructured to preclude another escape. The real question is: Who planned it?" Mountjoy said that it was clearly beyond the capabilities of a mere engineer to plan such an elaborate escape but when pressed for further opinions said only "All graduate Science students are being called to the Psych Bunker for questioning."

Mountjoy said that the costs of repairing the PAC and Physical Resources would amount to about \$240,000. The work is almost complete he said.

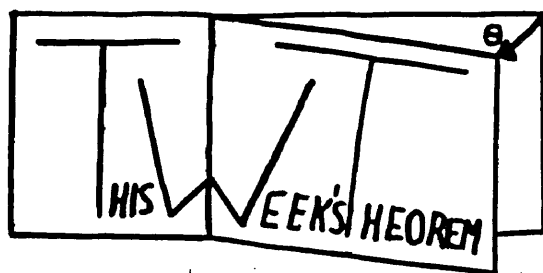
The Major said that there have been no signs of activity on the part of the fugitives and concluded the press conference by saying "I urge the public to keep calm. There is absolutely no cause for alarm."

magoo

math ETICS

BROOMBALL

The co-ed broomball season gets under way next week (which night the starter is, is not known at this time as the organizational meeting was not until after this issue's deadline date) and the time of the first game will be posted on the mathLETICS Bulletin Board on Friday.



REQUIRED TO SHOW $\int_{-\infty}^{\infty} f_n(x) dx = 1$

PROOF: DEFINE THE SEQUENCE OF INFINITELY DIFFERENTIABLE FUNCTIONS

$$f_n(x) = \begin{cases} \exp\left(-\frac{1}{1-4(nx-1)^2}\right) & \text{FOR } \left|\frac{x-1}{n}\right| < \frac{1}{2n} \\ 0 & \text{FOR } \left|\frac{x-1}{n}\right| > \frac{1}{2n} \end{cases}$$

NORMALIZE $f_n(x)$

$$F_n(x) = \frac{f_n(x)}{\int_{-\infty}^{\infty} f_n(x) dx}, \text{ WELL DEFINED, SINCE}$$

$$\text{FOR EACH } n, \int_{-\infty}^{\infty} f_n(x) dx > 0$$

$$\text{CLEARLY } \int_{-\infty}^{\infty} f_n(x) dx = 1$$

$$\text{SO } \lim_{n \rightarrow \infty} \int_{-\infty}^{\infty} f_n(x) dx = 1$$

BUT $\lim_{n \rightarrow \infty} f_n(x) = 0$ SINCE FOR $x \leq 0$, $f_n(x) = 0 \forall n$

AND FOR $x > 0$, CHOOSE $n > \frac{3}{2x}$

SO THAT $f_n(x) = 0 \forall n > \frac{3}{2x}$

FLAG FOOTBALL

MATH BEATS GLORY SEEKERS TO MAKE PLAYOFFS

On Tuesday last MATH'S Flag Football team beat the Glory Seekers 21-6 to finish off the regular season with a 3-2-1 record and make the playoffs which start this Saturday morning.

The Glory Seekers had just last week beaten the league leading Optometry team and Tuesday's performance proved to us that we will have a good chance in the playoffs if we can get enough people out to the game Saturday.

The offensive line held up really well this game and Q.B. John wasn't sacked once, which is unusual for us. The score was 6-0 for the Glory Seekers at half time with the wind against us, but after the switch of ends, the team scored 3 touchdowns (by Paul Noble, Dave of Dave bomb pattern left, and Bruce Walker), a pair of singles and Lou Aubrey scored on a convert.

CC Courses

The following sessions are being held as part of the continuing series of Computing Centre Fall courses. To register please contact Dianne Hart, the User Services secretary, at extension 3271.

PLOTTING FACILITIES This course will cover the use of the Calcomp plotter for the graphical representation of data. It will be divided into two sections -- three sessions devoted to an introduction to plotting and three to the more advanced features of plotting. It will be offered on October 28, 30, and November 4, 6, 11, and 13 from 7:00 to 8:00 pm.

BASIC BASIC is an easy-to-learn, easy-to-use interactive programming language that runs under CMS on the IBM 370-158. It provides all the common data types, arithmetic operators, and built-in functions, and has powerful matrix and vector manipulation capabilities. BASIC will be given on October 29 and 31 from 3:30 to 4:30 pm.

AND BY UNIFORM CONVERGENCE, WE HAVE

$$1 = \lim_{n \rightarrow \infty} \int_{-\infty}^{\infty} f_n(x) dx = \int_{-\infty}^{\infty} \lim_{n \rightarrow \infty} f_n(x) dx = \int_{-\infty}^{\infty} 0 dx = 0$$

This Week's Grid Word

To submit your solution you can:

1. Mail it to mathNEWS, MC3038, U OF W.
2. Put it in our mailslot in the mathSoc office (MC3038).
3. Put it in our MAILBOX outside 3rd floor lounge.

A T-shirt will be given to the correct solution picked at random (the writer of the solution will be awarded custody of the T-shirt until the solution reaches 18).

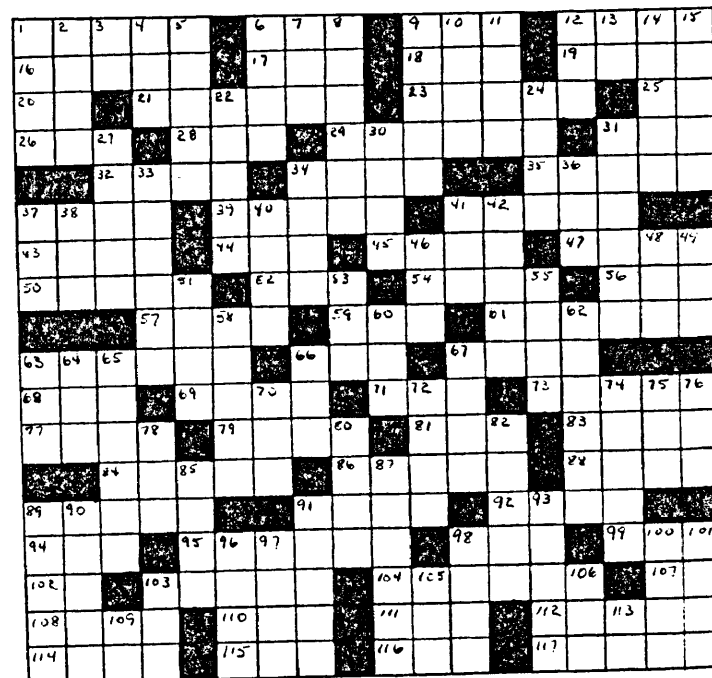
across

1. vapour
6. acted
9. stick
12. part of church
16. bishop's hat
17. slippery
18. eggs
19. fleece
20. word of hesitation
21. part of a flower
23. made from ore
25. — and behold
26. beverage
28. anger
29. a nearby backwards country
31. energy
32. a flower
34. warning
35. German author
37. halt
39. saviour of the American people
41. all
43. a few
44. drink
45. unwilld
47. parts of a play
50. eye-water-drops
52. finish
54. dogs
56. gardening implement
57. European mountains
59. a singular number
61. take apart
63. dependent, subject
66. ocean
67. drunkard
68. crawling insect
69. German composer
71. honey-maker
73. goblin
77. tyro (gift)
79. very (fr.)
81. strike quickly with moist substance
83. birds (biol.)
84. combination of metals
86. Stalin's secret police
88. camping domicile
89. type of bear
91. primary
94. arithmetical operation
95. frisk about
98. personal pronoun
99. basin
102. Japanese game
103. saviour of the Russian people
104. one who precedes
107. in this or that manner

108. competent
110. beer
111. make mistakes
112. go into
114. require
115. German rocket scientist
116. colour of blood
117. sword

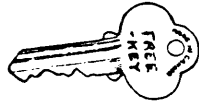
down

1. filth
2. fourth dimension and (fr.)
3. and (fr.)
4. — gratia artis
5. half Indian, half white
6. coin
7. frozen water
8. electrical generator
9. Julius Caesar, for example
10. stove
11. information
12. pointed instrument
13. European river
14. parts of shoes
15. run off with a friend
22. place for sport
24. pain
27. smell
30. mark made by a blow
31. soul
33. musical productions
34. beasts of burden
36. age
37. large plane
38. foot appendage
40. fifteenth of a month
41. Australian bird
42. opera composer
46. playing card
48. sound of a clock
49. six games won in tennis
51. layer
53. female deer
55. make music



THIS WAS CREATED BY HERMAN O. L. NIGHT

- 58. Greek philosopher
- 60. catch
- 62. musical form for piano
- 63. large liquid container
- 64. some
- 65. part of a rope
- 66. personal pronoun
- 67. not strong
- 70. weep
- 72. mythological garden
- 74. intentionally unhidden
- 75. males
- 76. east (fr.)
- 78. ancient
- 80. wound mark
- 82. founded
- 85. shoe-string
- 87. saviour of the German people
- 89. one whose religion is not yours
- 90. sun dried brick
- 91. cash
- 93. components of a forest
- 96. Freudian psychological stage
- 97. filthy, disgusting
- 98. unyielding
- 100. employer
- 101. causes one to sleep
- 103. directed, guided
- 105. before
- 106. helps genetic transmission
- 109. the (fr.)
- 113. a disease (abbr.)



Perhaps the lack of an issue last week was responsible for the drop in this week's gridword submissions. Only 25 were entered, 14 of which were considered correct. I say 'considered' because the clue to '36 across' was left out of the gridword, a fact which many people pointed out to us. We accepted any answer for that position.

----->This week's winner is Steve Martinello. Special mention goes to Mark Brader who was in such a hurry to be the first to submit a solution, that he left part of his answer blank; but he was the first.

Merit to Dennis Langridge who wrote his own clue for 36 down, 'one cause of the great campus ripoff'. His answer 'text'.

last weeks gridword

1	P	2	I	3	L	4	F	5	E	6	R	7	R	8	H	9	A	10	P	11	S	12	O	13	D	14	Y
15	N	B	D	A	V	I	D	16	I	17	G	18	U	19	A	20	N	A									
21	E	M	A	N	A	T	I	N	G	22	A	23	A	24	A	25	C										
26	U	27	T	28	U	29	G	30	L	31	Y	32	V	33	W	34	H										
35	M	36	E	37	T	38	A	39	C	40	A	41	R	42	P	43	A	44	L	45	E	46	A	47	S	48	T
49	A	50	V	51	S	52	O	53	L	54	E	55	N	56	E	57	W	58	R	59	M	60	S				
61	T	62	E	63	N	64	T	65	I	66	S	67	L	68	A	69	N	70	D	71	R	72	U	73	M		
74	I	75	I	76	S	77	S	78	E	79	B	80	E	81	T	A											
82	C	83	O	84	N	85	C	86	A	87	T	88	E	89	N	90	A	91	T	92	I	93	O	94	N	95	N
96	S	97	T	98	A	99	T	100	I	101	S	102	T	103	I	104	C	105	A	106	L	107	T				
108	I	109	T	110	A	111	L	112	I	113	C	114	O	115	M	116	G	117	O	118	U	119	R	120	D		
121	D	122	R	123	L	124	Z	125	L	126	O	127	G	128	L	129	E	R									
130	P	131	I	132	T	133	Y	134	S	135	I	136	N	137	E	138	S	139	N	140	C	141	A	142	A		
143	E	144	C	145	I	146	A	147	P	148	S	149	I	150	S	151	S	152	A	153	E	154	T	155	P		
156	R	157	H	158	E	159	U	160	M	161	A	162	T	163	I	164	S	165	M	166	R	167	Y	E			

CREATED BY MEGAN AND ALEX NOTE

FED FOLLIES

Since I last talked to you two weeks ago there have been a few Federation changes. There are new reps on council and some executive changes due to resignations. Andy T. still survives after Sunday's meeting and the on-again-off-again Math reps forum was temporarily put off due to the lack of microphones.

Concerning last Sunday's Fed council meeting, the motion from the Salaries and Honoraria committee which gave an unfavorable evaluation of Andrew Telegdi was taken from the table and later defeated in a roll call vote, by a vote of 15-6-3. A later vote of confidence in Telegdi was sustained 13-3-8.

Next Sunday the Fed council will meet again at 7:00pm. The Federation-Societies conference occurs in the same place, Ira G. Needles Hall, the day before, Saturday, at 1:00pm. I hope many students will try to attend these meetings, but I doubt it. In any event, check the bulletin boards about information concerning the Math Rep Forum.

JJ Long

FASSinating

NEWS RELEASE NUMBER 5

Anybody at UniWat who enjoys being laughed at is invited to attend a meeting on November 6th.

It's the fall organizational meeting of FASS -- the group of free spirits and harmless zanies who put on a show each February reflecting in music, humour and drama, the good and bad points of university life.

FASS stands for Faculty, Administration, Students and Staff; and anybody in those four categories is welcomed, even urged, to find out about FASS and get involved.

The show goes on next February 5th through 8th, but it's not too soon for planning to start. You can't be spontaneously funny on the spur of the moment, after all.

The FASS organizational meeting starts at 7 pm Wednesday, November 6th, in the Theatre of the Arts, Modern Languages Building. Be there.

DROPPINGS

November 4, 1974---Deadline for dropping Fall courses,

MATHeatre

presents

↳ the first FILM FESTIVAL * ↻

Thursday October 31 (Hallowe'en)
at 4:00 pm in room 2066 (M&C of course)

for your viewing pleasure:

A CHUMP at OXFORD (with Laurel & Hardy) followed by:

DREAM of WILD HORSES, and not to be forgotten:

LIZIES of the FIELD (that's right, Lizies)

for you late risers, at 8:00 pm in 2066 (still)
DREAM of WILD HORSES (again) and the late, great classic,
the film to end all films:
NIGHT of the LIVING DEAD (watch it if you dare-it's Hallowe'en
remember??)



Friday November 1 (the next day)

for the late, late risers (in 2066) at 12 ~~am~~ ~~pm~~ midnight
the wild and wonderful film,
WILD and WONDERFUL - (is it?) and if you're still awake:

ABBOTT & COSTELLO MEET FRANKENSTEIN (really? how do you do?)



Saturday November 2 (the day immediately following)

at 4:00 pm (until about 8:30) in the same place
an oldie but goodie: 1938 News Reel (reely?)
then:

IT CAME FROM OUTER SPACE (but where did it go?)
followed by two not-so-oldies (but goodies):

1946 News Reel, 1952 News Reel
which brings us right up to date and ready for:



U L Y S S E S (ta da!!)



* (please note: all films are free: ie no charge)



unCLASSIFIED

ADS

(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.)

Housing Wanted: 3 or 4 bedroom townhouse or apartment close to UniWat and Laurier for January to April 1975. Preferably furnished. Call Sue 884-7787.

HOUSING WANTED: January to April '75. 2 or 3 or 4 bedroom townhouse or apartment. Close to UniWat and Laurier. Preferably furnished. Call Ingrid (collect) 1-416-291-6658 after six.

math weekend

WEDNESDAY, OCTOBER 31

8:00P.M.- DUPLICATE BRIDGE TOURNAMENT
M&C 3002 (THIRD FLOOR LOUNGE)
ENTRY FEE: MATH 25¢ NON-MATH 75¢
FREE COFFEE & DONUTS!!
CASH PRIZES & MASTER POINTS!!!!

HALLOWE'EN, OCTOBER 31

4:00P.M.- MATHEATRE FILM FESTIVAL(PART 1)
8:00P.M.- MATHEATRE FILM FESTIVAL(PART 2)
8:30P.M.- FOOD SERVICES PUB

SOUTHCOTE

FRIDAY, NOVEMBER 1

8:30P.M.- FOOD SERVICES PUB

HOMESPUN

12:00(MIDNIGHT)- MATHEATRE FILM FESTIVAL(PART 3)

SATURDAY, NOVEMBER 2

4:00P.M.- MATHEATRE FILM FESTIVAL(PART 4)
8:30P.M.- FOOD SERVICES PUB

SPOTT FARM

THEOREM: Every horse has an infinite number of legs.

PROOF: Firstly, every horse has an even number of legs since in the back they have two legs and in front they have fore legs. This makes six legs, which certainly is an odd number of legs for any horse. But the only number that is both even and odd at the same time is infinity. QED

WANTED: 3rd or 4th year female student to share furnished one-bedroom apartment. January to April 1975. Rent \$65. per month. Phone 884-8358

FOR SALE Garrard ZERO-100. Base, dust-cover, and M-91e cartridge included. Asking \$280. Call 885-2724 and ask for John. Price negotiable.

FOR SALE: Murren wood skis 175 cm., with mounted Solomon bindings and ladies Garmont 7 1/2 boots, with poles, \$150. 653-1239.

WANTED: Sublet on townhouse or apartment for 4 guys for January to April 1975. Call Chuck 1-416 - 769-9374 or Grant 1-416 - 491-0509 collect after 6pm.

HAPPY BIRTHDAY to BRP from JE and EJ.

FOR SALE: Panasonic 4 track reel to reel stereo tape recorder and Phillips stereo cassette recorder/player. Phone 884-7407.

HOW DO YOU FEEL ABOUT SMOKING?

It has been proposed that the 3rd floor lounge be segregated concerning smoking: everyone would be asked to not smoke in one of the rooms, while smoking would be allowed in the other. MathSoc needs to know how you feel about this proposal, so it has authorized this questionnaire. It is important that smokers as well as nonsmokers respond so that the results will be meaningful. If smoke makes you feel disinclined to use the lounge, your response may help improve the situation for you. Or if you enjoy smoking and don't want to see your freedom restricted, then you should tell us so - else we may

conclude you have no objection to the proposal.

This will also give you a chance to air your feelings about smoking - related issues -- classes, corridors, use of ashtrays, your health, general reactions. Some of these results may be of interest to MathSoc and to the Faculty.

There is an abundance of emotional tension, mostly subliminal at present, resulting from the practice of smoking. It doesn't do anybody any good (this includes smokers) to hold on to their feelings. So everyone please, ask yourself how you really feel about smoking, not how anybody else says you ought to feel, and tell us.

questionnaire

Please return the completed questionnaires to our mailbox outside of the third floor lounge, or else to the MathSoc office.

Circle the appropriate number:

Do you smoke? (1) yes (2) no

Would you like one room of the lounge reserved for non-smokers?
(1) yes (2) no

Are you bothered by smoking in classes?
(1) usually (2) sometimes (3) never

Do you think a class instructor has the right to prohibit smoking? (1) yes (2) no

What sort of policy would you like to see observed regarding smoking in classes?

- (1) no restriction
- (2) majority rule
- (3) unanimous consent to smoke
- (4) instructor's consent to smoke
- (5) smoking only if adequate ventilation to ensure clean air for those who want it.
- (6) no smoking at all
- (7) other suggestion (specify) ...

Please write any comments here:

Which do you think is more important?

- (1) the right to smoke
- (2) the right to not have to breathe smoke

Does smoke ever bother you?
(1) sometimes (2) never

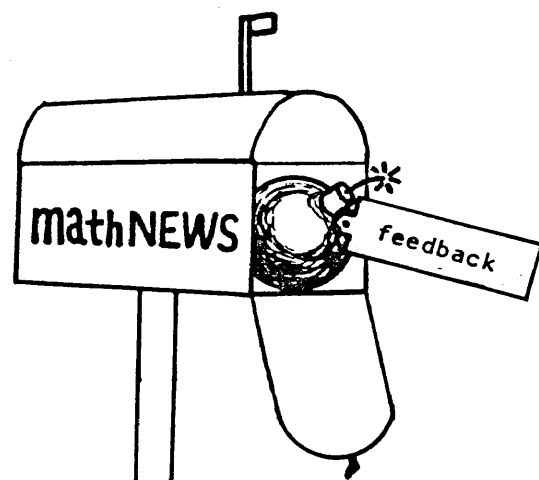
Are you bothered by smoke in halls and elevators?
(1) usually (2) sometimes (3) never

Do you think a class instructor has the right to smoke if it bothers some member of the class? (1) yes (2) no

Are you bothered by the litter produced by smokers who do not use ashtrays or other proper receptacles?
(1) usually (2) sometimes (3) never

Do you believe that somebody else's smoke is injurious to your own health?
(1) yes (2) no

Do you feel that smokers have a social obligation to accept responsibility of the effects of their smoking on others?
(1) yes (2) no



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.

WARNING

Computer Science Days are upon us!
The Debug will be reserved until Noon and
the APL room off-limits between 8:30 and
3:30 on the following dates:
October 26
November 9, 30
December 7, 9-13

Week-end users take note.

MOIH Balls

For many students in the Math building, the C&D stand provides the major source of on-campus nourishment. These students should be concerned that this stand functions properly. We are wondering if it is.

At the beginning of this term, a decision was made to switch suppliers of sandwiches for the C&D stand. We are told, by a worker at the stand, that this decision was made 'solely on cost'. The object was to provide a less-expensive product for the student. A worthy motive, but was the move done so at expense to quality of product.

Last week, one student, who usually is asleep, was awake enough to discover what was left of a moth in his half-eaten sandwich. This incident gives rise to questions regarding the quality of this newer, lower-priced sandwich. Is the lower cost because of inferior standards? Are we, the students, really getting a better deal?

While on the subject of quality, what about service? The same student, mentioned earlier, went back to the stand in an attempt to obtain a refund, another sandwich, or at least an apology. What he did get, when he had explained his problem to the worker behind the counter, was a shrug of the shoulders and no further notice. This is service?

If you feel that all is not well, feel free to let someone know about it. Speak to your Math Society. And above all, look before you eat.

mathNEWS-- is a news weekly (every other week in the summer) published at the University of Waterloo, Waterloo, Ontario, Canada. Printed on campus at Graphic Services, mathNEWS is financed through mathematics society fees. The views and opinions expressed herein are the sole responsibility of the mathNEWS staff. We welcome your letters and submissions and we can be contacted at mathNEWS, M&C 3038. Our weekly deadline is 4:30pm, Tuesdays, with production that evening in M&C 3011. Feel free to drop in. Circulation this issue: 1500.

As the people who left last night begin to trickle back into the building, we sit here typing the masthead on 'local'; because the system is going down seven minutes ago at 8:20.... if this issue seems a little sparse, it's probably because we only have nine pages.... the rag did not leave us our front page article... our revenge was phoning him at 3:30 to find out where it was.... this is the first morning that we will be able to take this directly to graphic services.... after drinking C&D coffee for the past thirteen hours....

tonight's crew (small but productive?) was Ian (.5%) gollan (he promises to do more next week?), mdillon (the backgrounder), prraynham (back to his usual form)(feed), joe (in spite of my midterm) lifshitz (back already?), jim the torch mantle and his nemesis, the foul deserter, mark shields, boff (who slept through it) and dave (who didn't quite), and last the all-pervasive randall s. mcdougall.....

we only crashed a couple of times

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