

register for interviews by Oct. 15

GRADUATING THIS YEAR?

In an address to a packed colloquium room of math grads-to-be, Randy Klawitter of the Department of Career Planning and Placement last week painted a possibly hopeful picture for this year's grads. For one thing, he noted that there is no appreciable increase in the number of grads this year over the number for last year (remaining at about 400). Furthermore, last year there were 25% more companies recruiting grads than for the previous year. Hence, this year's class can remain somewhat optimistic about employment after next April.

It was noted that of the 400 students who graduated in math last year, there remain but 25 or 26 names on file as still seeking jobs.

AVERAGE EARNINGS

Requests were made of last year's graduates that they submit employment data to the Dept. of C.P.&P. in order that the Department be able to compile statistics for this year's class. However, only a small number of responses were received--60 of 400. Using this small sample, the

Department states that four year honours grads reported monthly earnings of from \$585 to \$1000, with the monthly average between \$750 and \$775. Four year general grads (based on a sample of only 8) listed average earnings of \$732 per month. There was no feedback from three year pass graduates.

DEADLINE OCTOBER 15

Tom Fitzgerald, also of the Dept. of Career Planning & Placement, has advised mathNEWS that Monday, October 15 is the deadline for prospective graduates to sign up for campus interviews. All students interested in taking interviews on campus must register with the Department by that date and complete a Personal Information Form.

Two methods of recruiting will be offered to all employers wishing to interview graduates on campus. The most popular method involves prescreening, but a few employers prefer non-prescreening. For prescreening, Personal Information Forms and resumes are sent to the employer, who

(cont'd on next page)

ISSUE 3.3

WEDNESDAY, OCTOBER 10, 1973.

math NEWS

sorry we're late SABOTAGE

You may have noticed that mathNEWS is early this week. Well, you are wrong. This is last week's issue, and it's late.

No, for once, it's not our fault. Our text editor, that benevolent bastion of bright and beautiful bits (the 'hun) (alas, I knew it well), died on us. It seems that after the crash, someone decided to use an old boot deck, which had somehow gotten "raunched". This had the unpleasant effect of rendering two of the system disc packs inoperative, giving a "disk error", then and on every subsequent attempt to boot. The situation did not improve until (as we found out the next day), at 1AM, someone went to Toronto to obtain three new disc packs. By that time, we had all gone home.

While we all regret the delay in bringing you this ray of sunshine, we still managed to find the silver lining in the dark clouds: the tardiness of this issue means that we can skip a week to get back on schedule--and no one really wanted to work during Oktoberfest, anyway.

by-elections DATE CHANGED

Lift up your eyelids and stay awake long enough to read a VERY IMPORTANT ANNOUNCEMENT. There is a BY-ELECTION of Mathsoc next week.

Polls are open from 9:30 to 4:30 on Wednesday, October 17, 1973 (changed from Oct. 10). The polling station is opposite the math lounge on the third floor of the Math and Computer building.

If you are in first year, vote for THREE of:

- i) Mary Ann Milkelsen
- ii) Douglas Orava
- iii) Stan Puklicz
- iv) Andy Seibel
- v) Brian Spivey
- vi) Ingrid Spletstoeser

If you are in second year regular, vote for ONE of:

- i) Joe Carpenter
- ii) Carl Chaimovitz
- iii) George Chrzanowski
- iv) John Davies
- v) Eugene Miklovich

(cont'd on next page)

(GRADS, cont'd from p.1)

will review them and inform the Dept. as to which of the students are to be interviewed. For non-prescreening, students sign up for an interview on a "first come, first served" basis for the recruiting day(s) selected by the employer.

RECRUITING DATES

Job descriptions will be sent by employers to the Dept. of C.P. & P. in late October for November-December interviews and in early December for January interviews. Recruiting dates are Nov. 19 to Dec. 7 for math non-co-op only, and Jan. 14 to Feb 1 for both co-op and regular math.

ADMISSION EXAMINATIONS

Dates have been set for several admissions examinations, such as for the Public Service Commission of Canada: Administrative Trainee Exam (Oct. 17) and Foreign Service Officer Exam (Oct. 18). Deadline for application is Oct. 12. Further information can be had from the Dept. concerning other examinations (i.e. medical, dental, law, etc.).

Any further questions, problems, etc. concerning graduated placement procedures can and will be answered by the Career Planning and Placement Centre. So it is urge that all prospective grads make sure that they understand fully how the Centre, located in the Student Services Building, functions and can assist them in their employment search.

Here are some dates to keep in mind (make inquiries at the Career Planning & Placement Department, Student Services building):

October 12 - deadline for application for Public Service Commission's Administrative Trainee & Foreign Service Officer exams (to be written Oct 17&18 respectively).

October 15 - deadline for signing up for campus interviews.

October 19 - application deadline for positions in the Public Service for statisticians.

October 29 - deadline for completion and return of application forms for Computer Careers with Public Service.

ELECTIONS

(ELECTIONS, from p.1)

Paul Satran was acclaimed 2A rep.

The third year regular students vote for TUC of:

- i) P. John Manistre
- ii) Janet Martin
- iii) Steve McCabe

Make up! Get some exercise! Walk up to the polling station and vote!

math rep reports

S.A.C.

SAC, believe it or not, stands for Student Advisory Council to the Department of Co-ordination. It is at present the official liaison between co-op students and Co-ordination (the department of U of W that brings their jobs to them). If any students have views concerning the Co-op systems, and wish their views to have positive effects, effect, or just want to sound off, SAC is the channel to use. A lot of changes that have occurred in the co-op system implementation went through SAC, such as: a co-op student can now see the evaluation forms made out by his employer. The pamphlet received in high schools telling all about Co-op also comes from SAC.

SAC has representatives from all Co-op fields, and the inaugural meeting for this term was held Thursday SAC is a fairly modest affair. Most of the members were new and not much was said. There was a hard time filling the executive, with the former chairman agreeing to stay on until someone else would step up. There was, however, discussion concerning the orientation of the present SAC and an agenda was tabled for the next meeting. The agenda includes another look at questionnaires for student evaluation of the Co-op system, a look at systems design, and more soul searching. The next meeting shall be at Student Services 3002 at 4:30 pm Wednesday, October 10. Anyone interested is welcome.

Peter Lee

M&C 3023

The Mathroom is a student-operated organization provided as a service by the faculty of mathematics. Its main concern is to help first-year students, although it is open to all years. This help is offered in terms of providing an information source, serving as a liaison between students and staff, handling course complaints, arranging faculty advisors for students who ask for one, providing a place to come and talk about your courses, your profs, or just you.

In the realms of tutoring there are several students who are paid for providing a tutoring service for first and second year calculus, algebra, and computer science courses. Any tutoring offered through the Mathroom has been given when appropriate tutors were not available and is offered with no guarantee of results, as tutoring is not an intended function of the Mathroom.

Information Available:

Tutors, offices of profs, etc., master timetable and calendars, advice on electives, pre-requisites, programs in math,

info on the community (e.g., map of K-W, K-W transit system, beer and liquor store locations and hours), and info on U-W campus (e.g., counselling services, career planning and placement, birth control centre, hi-line).

The Mathroom is the place to bring your beefs, complaints, and worries concerning courses and/or profs.

The mathroom is the place for friendly conversation or help.

the Barbarella Complex 73204960

Councils should provide opportunities for the students to freely change anomalies, express desires and generally enjoy themselves collectively. At the individual level, participation in decisions or actions affecting the social environment for their "society" is a necessity. This participation is provided in the form of Mathsoc, Scisoc, or Federation Council which are the present means for (pardon my Salinger) "shooting the breeze."

Temporarily setting aside my preamble, I will attempt to explain the importance of the Barbarella Complex. If you have viewed the movie you know Barbarella had a willingness to participate. Of course one could argue the stimulus to participate was to be found in great proportions. The stimulus for social intercourse, however, is lacking among a majority of students. This unwillingness to intermingle and communicate with others smacks of apathy. "So what?" you say. Then I say you should be exiled to Chile where you must care...for a little more than yourself. Perhaps this is cruel sounding or naive at first glance, but we should all agree that apathy has no place in our society.

Shyness is not a valid excuse for not participating. As its dominance is allowed to breed exponentially the individual will eventually cease to exist in society's eyes and thus forgo his influence on it. If we assume the first basic individual motive is to exist, shyness must be overcome.

Since shyness cannot be regarded as a permanent factor in assessing the cause of apathy we must look more closely at the individual and the society that is influencing him. How can we struggle to crack the shell of "not giving a damn" that envelops us?

A moral complex can be taken from Barbarella, although many could argue the film displayed

no morals; she displayed a willingness to participate. (I ask the reader for discretion when assuming the "in what") We could try the Barbarella Complex keeping in mind the words "care" and "participation." A council or society has only as much influence as the people allow it to exert. If

nothing else, log this tidbit in your mind the next time you criticize or degrade your(our) society. If society isn't performing up to desired standards let it know with the means it places at your bidding. Apathy can't help but hamper a society's functioning. One should notice the spiralling route the word "apathy" creates. As society's goals become forcibly constrained the individual tends to care less and less about what society is accomplishing. Because the society cannot operate at "peak performance" people become progressively more apathetic due to the "revenge is sweet" feeling.

I am convinced that the Barbarella Complex will work to a varying degree if the individual keeps trying, even if the first experience is humiliating or discouraging. The person that succeeds will be regarded the joys of society, caring and being recognized.

CALENDAR

WEDNESDAY 10:

THE RETURN OF EARLE BIRNEY.
2:30 RM207 CAMPUS CENTRE.
7:30 THEATRE OF THE ARTS.
FREE ADMISSION.
OKTOBERFEST CAMPUS CENTRE
12NOON TO 1AM.
BOOK SALE--PAPERBACK 50CENTS
--HARDBACK 1DOLLAR
AT THE BOOKSTORE.

THURSDAY 11:

OKTOBERFEST--CAMPUS CENTRE
12NOON TO 1AM
BOOKS STILL ON SALE.+
EARLE BIRNEY RETURNS AGAIN
7:00PM HUM334

FRIDAY 12:

OKTOBERFEST--CAMPUS CENTRE
12NOON TO 1AM
EARLE BIRNEY RETURNS.....
....DON'T ASK ME WHERE....

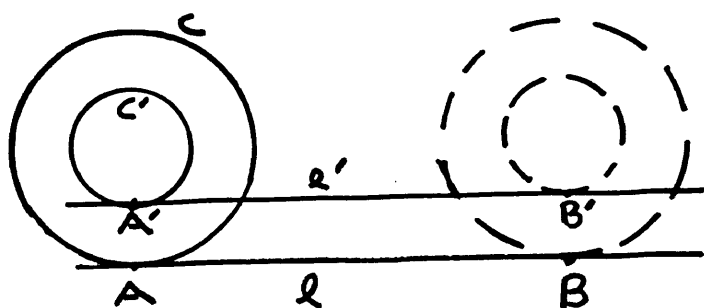
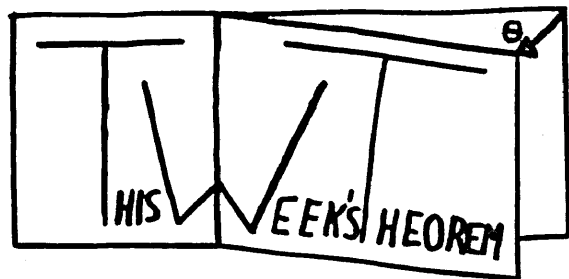
TUESDAY 16:

MATHNEWS PRODUCTION NITE.
SHOW UP AT 7:00PM IN
MC3011...YOU'LL LIKE IT...

WEDNESDAY 17:

ELECTION DAY****VOTE IF
U QUALIFY WILL THE MATHNEWS
STAFF TAKE A REST...YAWN....

**Oktoberfest
ist
Wunderbar!**



Theorem: ALL CIRCLES have the same circumference.

Proof: Let C and C' be any two concentric circles. Roll them together along l and l' until C has completed one full turn. Call the point where A meets B, and the point where C' meets l' B'. Then $AB = A'B'$. But $AB = \text{circumference of } C$, and $A'B' = \text{circumference of } C'$. Hence the circumference of C = circumference of C'. But C and C' are any two circles. Hence, any two circles have the same circumference.

GENESIS
GENESIS

-Chapter 2-

Thus space and all its subsets were finished, and all the uncountable host of them.

2. And on the seventh day Euclid ended the theory which he had made; and he rested on the seventh day from all the sets which he had made.

4. These are the generations of the sets and points and of the space when they were created, in the day that the Greek Euclid made the space and its subsets.

8. And Euclid builded a library eastward in Erewhon; and there he put the Mathematician whom he had formed.

9. And out of the points made the Greek Euclid to grow every set that is pleasant to the sight, and good for proof; the set of logic also in the midst of the library, and the set of knowledge of the excluded middle.

15. And Euclid took the Mathemat-

clan, and put him in the library to read it and keep it.

16. And Euclid commanded the Mathematician, saying, Of every set in the library thou may freely partake:

17. But of the set of the knowledge of the excluded middle, thou shalt not partake of it: for the day that thou partake therof thou shalt surely die.

18. And Euclid said it is not good that the Mathematician should be alone; I will make a help meet for him.

21. And Euclid caused a deep sleep to fall on the Mathematician, and he slept; and he took one of his brains, and closed up the flesh instead therof;

22. And the brain which the Greek Euclid had taken from the Mathematician, made he a Subman and brought him unto the Mathematician.

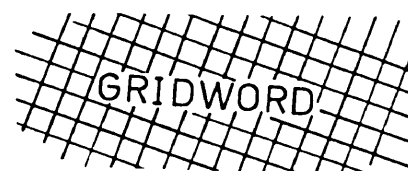
23. And the Mathematician said, this is now bone of my bones, and flesh of my flesh; he shall be called Subman because he was taken out of man.

24. Therefore shall a man leave his mentors, and shall cleave to his student: and they shall be one mind.

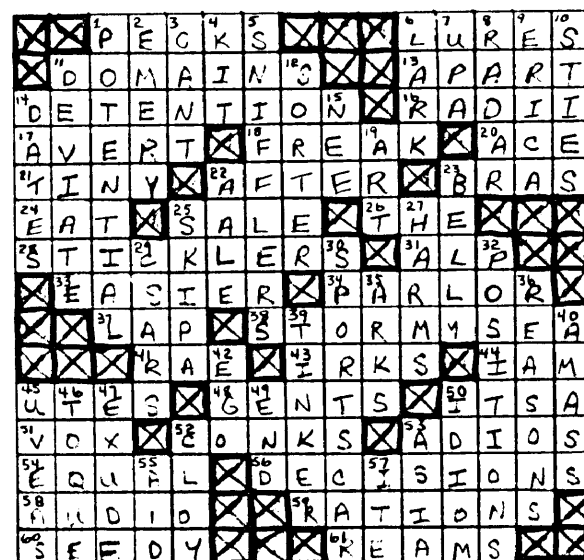
24. And they were both stupid, the man and his student, and were not ashamed.

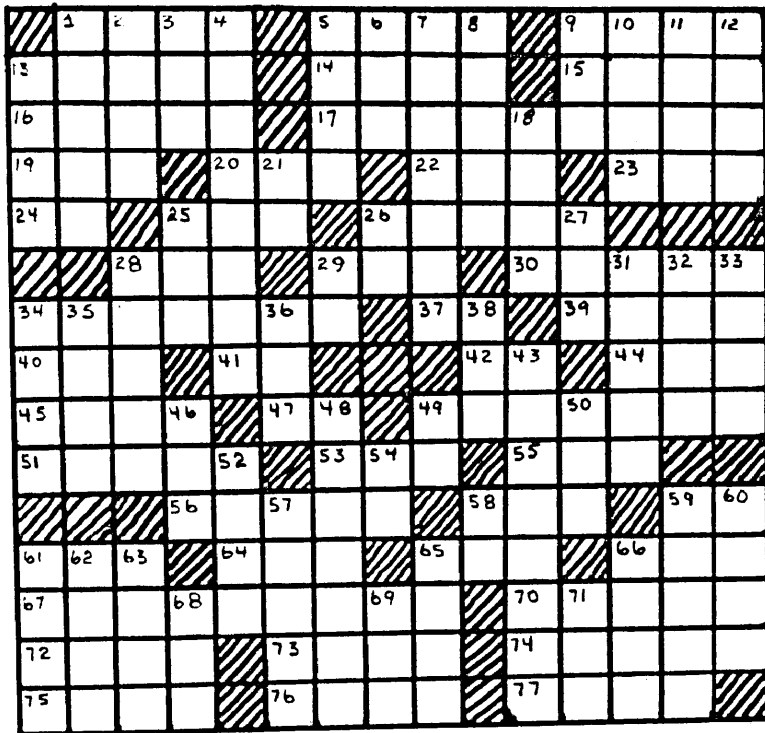
GRAND Prize Winner!

Congratulations to Lynn Parkinson for winning the rights to locker #335. Drop into the Mathsoc office and nick up the combination. The winning phrase was- Confucius say: Man who live in glass house dress in basement.



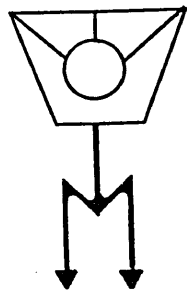
LAST WEEK'S SOLUTION



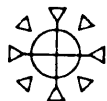


GRIDWORD

- Across:
- 01) John Wayne's courage
 - 05) Spool
 - 09) Alimentary mouth
 - 13) French "to do"
 - 14) TV Annual Awards
 - 15) Part
 - 16) Call forth
 - 17) Jelly
 - 19) Viet New Year's bash
 - 20) T.D.
 - 22) Eye's coat
 - 23) Ovens
 - 24) Paused R.P.
 - 25) OH
 - 26) Scenery
 - 28) Nert
 - 29) Boy turkey
 - 30) Key _____, Florida
 - 34) Home of Pich
 - 37) Therefore
 - 39) Lights
 - 40) Mistake
 - 41) Behold!
 - 42) Symbol for foil element
 - 44) Gehrig
 - 45) On water
 - 47) Bulb manufacturer
 - 49) Equestrian Gift, Courtesy of the _____
 - 51) Al Jolson hit
 - 53) High, neutral, low (jumbled)
 - 55) Bother
 - 56) Shade
 - 58) Bench
 - 59) Platinum (chem)
 - 61) Lamprey
 - 64) Pigeon latin
 - 65) Diamond _____
 - 66) Sailor
 - 67) N.Y. state laws forbid this
 - 70) 90 degree angle



- Down:
- 01) Mallet
 - 02) Massacre
 - 03) Pester
 - 04) Abstain
 - 05) Denend
 - 06) Australian bird
 - 07) Designs
 - 08) Poem
 - 09) Angular measure
 - 10) He even fetched unicorns
 - 11) Funny tonetickler
 - 12) Series' of elements
 - 13) Celebrate
 - 18) Donny
 - 21) Registered Nurse
 - 26) Perform
 - 27) Campaigned
 - 28) Zimbalist
 - 29) At
 - 31) Slacken
 - 32) Alice
 - 33) Burden
 - 34) Pay
 - 35) Major or minor
 - 36) pH
 - 38) Paddle
 - 43) Expert at deep throat
 - 46) Particle measurement
 - 48) Through
 - 49) Thallium(chem)
 - 50) Semite
 - 52) It has a gym
 - 54) Interjection
 - 57) Carries a billie
 - 58) 3.14159265
 - 59) Bread plate
 - 60) Metro Pealtor Board
 - 61) Nervous
 - 62) Great Lake
 - 63) Moon
 - 65) Depreciated
 - 66) Sulvay
 - 68) Pike-like
 - 69) B.Ball player from Phoenix
 - 71) Cow gum



- 72) one lola you won't find in a cooler (for sure)
- 73) British calories
- 74) Green java pepper
- 75) Fiscal _____
- 76) Desires _____
- 77) Genesis garden



GRIDWORD COMMENT

This week's gridword is courtesy of Ted Arsofsky (pick up your free T-shirt in room 3038).

Frieda & Paul de Witte submitted the winning solution to last week's gridword. (You get to share a T-shirt). Runners up (who do not get a free T-shirt) are Rosemary Coudy and Laura Miller.

RULES: All solutions to this week's gridword must be in the mathNEWS file in MC 3038 by 5PM Monday, October 15. Winning solutions will be picked at random from all correct answers submitted.

budget approved ...

MATHSOC MEETS MICKEY MATHIE

Last Tuesday's (Oct. 2) meeting of the Mathematics Society was opened with a plea on the part of sneaker Jim Langer that, for once, a formal meeting be held.

Following a session of additions to the agenda that saw the number of items to be discussed balloon from 5 to 13, Randy Arsenault delivered the first report. As chief Returning Officer, Arsenault reminded those present that the upcoming by-elections will take place on Wed. Oct. 10, gave a report on the number of candidates, and noted that workers are needed to man the polls on election day. Carl Chalmovitz, mathsoc social director, then reported that last week's mathsoc pub (Sept. 29) was less than a sell-out with just over 300 people having attended. Enough admissions were collected at the door to pay the cost of the band with \$57 left over. Chalmovitz noted that, assuming the bar came close to breaking even, mathsoc should come out even on the night. Math's Campus Centre Board rep then informed council that a C. C. B. meeting was held on Tues. Oct. 2 but "nothing directly related to math was discussed". In response to a question concerning the workings of the board, the rep explained that the C. C. B. is an administrative board whose responsibilities include allocating space, clean-up, etc. in the campus centre.

Vally Romansky, pubs & pubs director, informed council that he is planning a film night on Wed. Oct. 24 in MC 2065 at 8:00. He plans to either arrange for one full-length feature film or 2 shorter ones.

UNDERWHELMING RESPONSE

In old business, Andy Haycock, vice-president, reported that the reaction to mathsoc's bid to fill student positions on various committees was "totally underwhelming." One position on the AAACS Committee has been filled and the two temporary representatives to SAC, namely Peggy Macmillan and Peter Lee, have become full time members. Council members Peter Lee, Pat McGrath, Cindy Harris and Godfrey Lee agreed to represent math on the Faculty Council. In further business it was decided to refer people interested in purchasing calculators from engsoc to that society rather than having mathsoc handle actual sales.

DONUT BUDGET

Jim Parry, president of the computer science club, requested a \$93.50 donut budget from mathsoc on behalf of his club. This precipitated a lively discussion on the practice of supplying free donuts for club meetings. As one member noted in this case, "Isn't it unusual that the whole budget should go for donuts?!" However, Parry explained that refreshments have been

the only club expense in the past since guest speakers tend to offer their services free of charge and also, any trins taken by club members have been by car pools rather than by renting buses. In any event, \$100 for the compusci club was included in the mathsoc budget.

YOUR FEES

Approval of the fall and winter term budget began new business. Mathsoc has \$11,000 to work with for the 8 months ending next April. Here is a breakdown of how the math society intends to use your society fees:

Anti-Calendar		\$1500
Computer Science Club		100
Contingency Fund		2000
Education		500
Honourariums		300
Mathletics		800
mathNEWS		1500
Office Supplies		500
Orientation		1000
Publicity & Pubs		
Posters	150	
Films	300	
Other	350	
Total P&P	800	800
Social		
Ski Trins	250	
Math Wknds	1200	
Pubs	550	
Total	2000	<u>2000</u>
TOTAL		\$11000

In new business, mathsoc president Cindy Harris asked council to ratify a motion passed "unanimously" by the Federation of Students which requests that the Federation President become an ex officio (in this case, voting) member of the university senate. Surprisingly there was appreciable opposition to this proposed added student voice in campus affairs. One council member remarked "the idea isn't bad but when I think of Telepd in it!" The motion, however, was narrowly passed with 6 members in favour but with 5 abstentions. In further business, Cindy Harris motioned that the following honourariums be granted: Sue Bell \$50, Dennis Ablett \$50 and Phil Lanouette \$25, for their work on the anti-calendar; Tim Skinner \$25 and Don Ablett \$25 for their efforts with this year's orientation.

Council agreed to order 6 dozen T-shirts with a new design featuring "Mickey Mathie" (who looks remarkably like Mickey Mouse carrying CPC tables.) According to Jeff Pravbrook the new T-shirts will cost approximately \$2.65 each but he foresees "no problem" selling them at that price. It was noted that an order for \$1200 worth of the "old" T-shirts has already been made.

After an announcement of a meeting to discuss the anti-calendar to be held on the following evening, the meeting was adjourned.

NOTICE: The anticalendar has now been published. Pick up a copy now in the mathsoc office, rm. 3038.

SEE DICK TRYING
TO DIFFERENTIATE.



SEE DICK TRYING
TO INTEGRATE.



math.o.gram

LAST CALL

NOTICE: The following people have not yet picked up their prizes for the Math-o-gram: John Whitworth & M'ayne Copeland, Anne Marie Wilson & Kathy Davies. You have until Friday, October 12 to pick them up. The address is 87 Dunbar Rd. S., Waterloo. The directions are in the mathsoc office. Phone 745-3772 to make sure there is somebody there before coming out. Don Ablett.

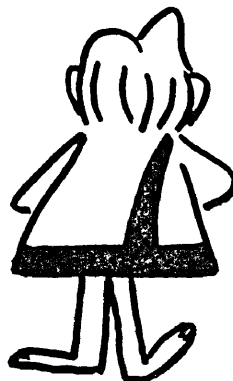
PETE

Conway's Game of Life was first publicly announced in Scientific American, October 1970. Since then, it has grown in fame until today, when almost every computer programmer knows how to play it. Some people have a great dislike for Life, saying that it is just a waste of time and paper. These people, unfortunately, have fallen under the influence of the American Capitalist Philosophy, which states that everything must have a purpose. These are the people who want to turn our bird sanctuaries into mazes of superhighways.

The rules of Life are quite simple. The game is played on an infinite grid of squares. Note that each square has eight neighbours, four adjacent orthogonally and four adjacent diagonally. To start off, you create a pattern of your own choosing. To find the next generation, use the following algorithm. Count up the number of neighbours each cell has. All living cells with two or three neighbours continue to live. Cells with four or more neighbours die from overpopulation, and cells with one or no neighbours die from isolation. Each empty square that has exactly three neighbours-no more, no less-becomes a birth cell. It is important to note that the births and deaths are computed simultaneously. The above procedure can be carried out over and over until the pattern either dies, becomes stable, with no births or deaths, or oscillates.

For more information on Life, you can refer to the afore mentioned magazine, and if you are lazy, writing a computer program to play Life is not really that difficult.

SEE DICK THROW
HIMSELF FROM THE
10th FLOOR LIBRARY
WINDOW.



Tonto

math ETICS

CO-ED & WOMEN'S INTRAMURAL THERAPY

Anyone who believes playing basketball, volleyball, broomball, innertube water polo, or any other sport-like activity is having fun just hasn't been in math long enough.

Obviously the ideal places for meeting people are lecture halls and keypunch rooms, or better still the library. And just imagine, exercising your body instead of your brain!!

For those poor demented few who have not yet seen the light, we have devised a form of therapy which we will call INTRAMURAL ACTIVITIES. There are three main types of INTRAMURAL Therapy. There is men's intramurals, for male-type sufferers, women's intramurals for female-type sufferers, and co-ed intramurals for male and female-types who like to get well together.

This article is basically concerned with WOMEN'S and and CO-ED intramurals.

For those girls who are incurable there are COMPETITIVE events. One of these, which is still taking volunteers, is the volleyball league*. Games start on Oct.31 and will be played on Wed. nights from 7:45 to 10:30 pm in PAC gym. Last date to enter is Oct.24.

Coming up later (Nov 22) is a Singles Badminton tournament for those girls who like to hit things. More on that in the future.

For guys and girls who want to help each other there are CO-ED intramurals. Two of these teams have already been entered in the program. The Innertube Waterpolo team who call themselves the MATHIE DOLPHINS, are eagerly awaiting their first game on Wed. Oct 10 at 8:00 pm against Davey's Darbs. (Needless to say, all Innertube Waterpolo games are played in the PAC pool.) The other co-ed team which is participating in INTRAMURAL therapy is the VOLLEYBALL team. This team (which calls itself simply MATH) has a crash session involving two games on Tues. Oct.9. The first game, against ESS is at 8:45pm on Court I and the second on hour later against the Chalk Dusters on Court II. (Both games are played in the PAC Gym.)

*COED BROOMBALL- starts Friday, Oct 26, the entry date is Oct 22 and games will be played on Friday afternoons, with some (but not many) games at night. 15 people are needed for a team and at least 5 of them

must be women.

*CURLING BOMSPIEL- for all you sweeping fanatics, this will take place in the first week of November. You will be detained at the Greenbriar Curling rink from 9:00 am 'till 5:00 pm on the day of the event (to be decided). Last day to sign up for this wonderful excursion is Oct 23. You will need 2 men and 2 women to form a team.

*ICE HOCKEY (RECREATIONAL)- details as to game times and location (anyone for the North Pole?) will be announced and a schedule drawn up only if there are enough of you to warrant renting an iceberg. The last day for all you gliders to sign up is Oct 23 and games will start the week of Oct 29(maybe).

*BASKETBALL (ALSO RECREATIONAL)- if you find yourself dribbling down your chin, this is the game for you; get some friends (or enemies) together and practice; you could maybe start a new olympic event (dribbling in harmony). The entry date is Oct 23. Details to be announced (if there are any).

*You can volunteer for these therapy sessions on the bulletin board across from the third floor lounge.

flag football...

KIN BOOTS REG MATH

The first game of the season, (played on Oct 2) resulted in Reg Math being defeated by Kin 19-6.

Reg Math scored early with a touchdown on the first play of the game. At this point the Kin defense came alive and the mathies were not able to score another point until the last play of the game when they rallied for six more. Unfortunately, the quarterback's flag was taken before the touchdown pass was completed and the points were not allowed.

Math played the game with only nine players while Kin had a full team, plus subs. According to quarterback Paul Noble, Vince Tomei (who scored Math's only points), Carlo "Chico" Torti and Enzo Carlesimo each played an outstanding game. He was also heard to remark that, "Kin looks like the team to beat but our team looks strong and is looking forward to a good season."

PROF of the WEEK

I have heard rumours... Professor Peter James Ponzio is a very "funny person" who teaches well. His students learn while being entertained. Much more I cannot say, for he is not one of my profs, but, apparently, he makes first year calculus very easy to learn.

(He invented his middle name, James, because no one would want to have the initials 'P.P.'. Once you figure out that it should be 'J', you must then think of a proper and correct name. The result is James.)

It must be that he is used to the students, for he has been teaching on and off at this university since 1964.

Prof. Ponzio was born on November 6, 1934 in the west end of Toronto, where he grew up. He received his B.A.Sc. in Engineering Physics in 1957, and his M.A. in Applied Math in 1959 there as well. His Ph.D. in Electrical Engineering he obtained in Illinois in 1964.

At the moment he is secretary of the Math Faculty Council, as well as a member of (1) Departmental Promotions Committee, (2) Space committee, (3) Executive Committee, (4) Faculty Tenure Committee, (5) Rene Descartes Director, (6) Senate Scholarship Committee, (7) Senate Tenure Committee. NOTE: For all you people who have never heard of tenure: Professors cannot be fired when they are on tenure. After they have been teaching for a few years, they are awarded tenure, meaning they have a permanent position.

He is also an organizer/ for: Service Courses, Putnam Competition, Distinguished Lecture Series.

The reason the poor soul is on all of these committees is because he cannot say "no".

Prof. Ponzio is married with four children, two boys and two girls. This is the smallest number which gives each child both a brother and a sister.

He believes that the University of Waterloo is innovative and in tune with the educational needs of society. The landscaping, or rather, our environment, is expensive, but lasting and worth the expense.

Prof. Ponzio likes teaching and research; if it weren't for the proliferation of committees his job might be ideal. Unfortunately in an effort to democratize the system, every trivial detail of operation must be approved by representatives of each academic unit, then by Faculty Council, then by the University. A benevolent dictatorship would be a vast improvement.

His comments about the students after observing them over a period of years are that the best are better than ever, and the worst worse. Too few are prepared to do the hard work necessary to get a good education, but all are more aware of the things outside math (a good sign).

Here is an example: He once taught Math 130 to a special "scholarship" section where the students were told that the regular material would be covered in half the time, with a final exam in January, and non-compulsory "extras" after that. Practically no one showed up after January (a sad commentary on "keen" scholarship students), and the anti-calendar comment was that the Prof. "went too fast".

There is also an encouraging comment about mathNEWS tacked on at the end: we are almost a necessity these days, to keep everyone informed.

the phantom reports....

WAT!

WATMAP LIVES! Believe it or not, WATMAP is now runnable on DEBUG (I'd say that they deserved each other but I know too many people who worked on it). So is WATIAC (the cheap imitation of a machine language that WATMAP supposedly converts to). However I have yet to see a program get past that faked-up piece of hardware known to some and sundry as "the WATChdog" monitor. (By now you've probably noticed the rut that the Computing Center's "think tanks" are getting into when trying to think of original names.) (WAT rut?) At any rate it's about time to think about learning WATMAP (especially for those who may be teaching it).

If anyone out there remembers the improved monitor that was discussed last winter, you might be half interested in knowing that it is actually running. Indeed, it has been operating on DEBUG for quite some time. In fact, the DEBUG control cards are apparently converted to the new monitor's format (")WATFIV" to refresh some of your memories). Now if only they'd tell the people what the format is.....

Anyone interested might note that we still don't have L6 though I haven't heard of anyone giving up on it yet (or expecting it either for that matter....).

As you are undoubtedly aware the Honeywell died last week. The gory details go something like this: TSS crashed (nothing unusual there) and they rebooted, but in the meantime it seems that they lost the entire CATALOG/FILE SYSTEM (and maybe the current version of the Operating System too). It seems the reserved area on the disk that pointed to the FILE system was rather clobbered, and most of the files are the files that were in 2 weeks ago. Anyway, if you want an official explanation you can always type:

EXPLAIN WHAT HAPPENED
and if you'd like to see the scene of the disaster, there are tours Tuesdays and Thursdays 1 P.M. & 3 P.M (meet outside MC3016).

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.)

MORE HORSE

mathNEWS:

Thoughts on reading "Horse Sense" (mathNEWS, Sept. 24/73):

....then there was this student (call him X), slaving assiduously through all the course-work and projects and assignments connected with Math240B, busily programming until 11 pm or later every day.

One evening he raised his eyes from the terminal, and there beside him--sitting at the next keyboard--was the best-looking piece of software he'd ever seen. She was not averse to time-sharing, and it wasn't long before X's evenings were devoted to hands-on procedures, down-time and I/O.

Naturally, his academic work soon suffered; and eventually he was informed that "regretfully, we must ask you to withdraw from the programme"

MORAL: Never put the heart before the course.

Frank Woodhams, grad math

-NOTICE: A free T-shirt will be awarded to the person submitting an original gridword which mathNEWS uses for publication. To submit your gridword either 1) drop around to MC 3011 Tuesday nights, OR 2) drop it in the CAMPUS MAIL (no stamp needed) addressed to Dennis Mullin 216-S4, OR 3) put it in the mathNEWS file in the mathsoc office.

CLASSIFIED

(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.)

-FOR SALE: 1 set of NEW shocks. Will fit Datsun and other similar cars. 745-3079 after 5. (Schmidlapp Enterprises Ltd.)

-FOR SALE: Yashica "c", Canon QL 25, automatic camera, accessories. Call 884-4924, evenings, before 10:00 pm. Ask for Richard.

-WANTED: Issue 2.2 of mathNEWS (June 14, 1973) for mathNEWS records. Drop the copy in mathNEWS file, rm. 3038.

-WANTED: A copy of the Tuesday, September 25 issue of the Toronto Sun. Of sentimental value. Send to Box 22, c/o mathNEWS, rm. 3038.

-NOTICE: The Honeywell 6050 is offering free tours!! Just show up at the door to MC 3016 at 1 pm or 3 pm on Tuesday or Thursday for this magic tour. We'll show you lots of neat things.

-NOTICE: Circle K Club is alive and busy... Meeting every Monday 6 pm, CC113, everyone welcome. We are busy with projects, and can use people. Office MC 3040, we try to be there.

-SEMI-FORMAL: mathsoc wants to know if you want a semi-formal. In the past, semi-formals have not been very popular. Last year, the entire idea was filed. But, again, this year the subject has come up. If ticket sales could be guaranteed, mathsoc would be willing to sponsor such an occasion. Tickets would probably be in the area of \$8.00 per couple. Interested? Please let us know in the mathsoc office, rm. 3038.

mathNEWS - a news weekly published at the university of Waterloo, is financed through mathematics society fees and is available free of charge to math undergrads. The views and opinions expressed herein are those of the mathNEWS staff and are made independently of both the university administration and the math society. mathNEWS welcomes your contributions, suggestions, criticisms, advertisements (published free of charge), feedback, etc. Contact us via room 3038. We put the whole thing together on Tuesday nights in MC 3011; feel free to drop in. Circulation this issue: 1000.

Well, here it is our first 3 night effort (thanks to the Honeywell crash and sundry other mishaps) ... At any rate special thanx this week to Janice Halligan, Lew Baxter, Paul Noble and Tonto ... To mathNEWS' only paid reporter: will you come through again next issue? ... These are the folks responsible for this week's effort: Paul Lear, Dennis Mullin, Peter Raynham, Dave Wawrykow, Andy Seibel, Claudio Zulian, the phantom, David Brown, Peter Lee, Pandall McDougall, Barb Maine, Mark Saaltink, Joan Sokolowski, John Davies, Ingrid Spletstoeser and John Peebles. !?Oktoberfest?!

Next mathNEWS get-together: Tues., Oct. 16 at 7 pm in MC 3011. Drop by.