

TABLE HOCKEY

Announcing the return of the M.H.L (Mathional Hockey League) to the University of Waterloo.

This term, the league will start on Monday January 16, to relieve the pressure of playing many games, one after another.

A two dollar entry fee will be required from all players to help cover the cost of the game and for a trophy for the winner. If you are interested in playing, please attend a meeting in Mathcoc (MC3038) at 2:30 p.m. today (Friday).

If you are unable to attend the meeting, either send Mathsoc a message on the 'bun with your name, phone number and the team you want to play for, or drop into the office some time Friday.

Please note: only NHL teams are eligible for entry at the moment. The following team names are left: Chicago, Detroit, Minnesota, NY Rangers, and Pittsburgh. (*editor's note: Are there any teams that are right?*)

Once all NHL teams have been chosen, team names from any "major" league can be used (e.g. WHA, Spartak, Kladno) or a national team (e.g. Team Canada). However, Club teams will have priority in players' names.

Goals scored will be recorded and a scoring title will be given and goalie averages will be recorded for a title as well.

Please try to have your class schedule with you, so that playing times can be made easier for all.

UW ARTS CENTRE

Sat. Jan 14/15

Harry and David Owen, flamenco guitarists on their first Canadian tour. Theatre of the Arts 8:00 p.m. Students \$3.00.

Mon. Jan. 16/17/18

Hagey Lectures: Professors Kenneth and Elise Boulding. Jan. 16 The Natures and Sources of Peace. Jan. 17 The Evolution of Peace. Jan. 18 The Policy of Peace. Humanities Theatre 8:00 p.m. Free (tickets required)(UW Main Box Office)

Tues. Jan. 17/19/20

UW Renaissance Dance Company. Theatre of the Arts 12:30 p.m. Free.

Wed. Jan. 18

Noon Hour Concert featuring Ron Read (lute) and Paulice Duricher (flute). Theatre of the Arts 12:30 p.m.

Thank you to the UW Arts Centre (they sent us a Christmas card).

1159

Friday January 13th
volume XX viii no. 1

NEWS SHORTS

There will be a C&D Buffet on Thursday, Jan. 19, 1978 in M&C5136 from noon to 2:00 p.m. The cost will be \$2.00.

A broomball tournament will be held Feb. 11 at St. Clement's, from 8:00 am to 4:00 pm.

On Saturday Jan. 21 the radio panel series "Controversy", hosted by Nick Redding, will be discussing the role of the student press at UW. On hand will be representatives from the major campus newspapers, namely the Chevron, Enginews, and mathNEWS. The program will be aired from 2:30 to 3:30 pm.

On the morning of our great snowfall last week radio station CKKW carried a news report stating that WLU was closed for the day. Closing of universities almost never happens because, like the closing of high schools, the government deducts money from its subsidy for each day closed. The report was false, but perhaps a lot of time would have been saved if the same "report" had been given about UW, since effectively the same thing happened without actual official confirmation of closing!

URGENTLY WANTED Typists, cartoonists, *sportswriters*, reporters etc. Mail mathNEWS via tss mail or come to room mc 3038 Monday or Tuesday night.

math NEWS

Little Jack Horner
Sits in a corner
Extracting cube roots to infinity.
An assignment for boys
That will minimize noise
And produce a more peaceful
vicinity.

A mathematician named Ray
Says extraction of cubics is
child's play.
You don't need equations
Or long calculations
Just hot water to run on the
tray.

MATH FACULTY WINTER/78 DEADLINE DATES

- 1) ADDING/CHANGING WINTER COURSES
JANUARY 16
- 2) DROPPING COURSES AND WITHDRAWING WITHOUT ACADEMIC PENALTY
FEBRUARY 10



And Mary Lou, she found out how to cope
 She rides the heavens on a gyroscope
 The Daily News asks her for the dope
 She says, "Man, the dope's that there's still

Ramblings, Ravings and Incoherent Mumbles

Welcome to RRIM, the only column that can singlehandedly prove the law of Entropy merely by existing. A blithe hello to you people arriving back from work terms; I hope you're more fun than the last batch who went through, were they ever a bunch of deadbeats! Last week saw the start of the triannual timetable shuffle, the first issue of the Chevron, and the first political controversy of the year; so what else is new? The names and faces change, but the garbage remains the same.

This column is an *interactive* column, which basically means that if you write something worthy of publishing, I stick it in here, and that includes TSS mail, neat programs, worthy causes, available females and anything else. The random format of this column is designed to display a large number of unrelated ideas which would be terminally boring if expanded into a whole article but are only hideously boring in their present abridged form. Writers crave feedback. They live on it, are addicted to it, and die horrible slow deaths if deprived of it (now don't get any funny ideas!). The reason that this week's column is so bad is that I'm working blind, having no reaction to counterreact to. So to stimulate some controversy and start out the New Year with everybody hating me, here is my list of the best and worst of 1977: **Best Album of the Year:** Rush, A Farewell To Kings. (Please don't hit me - I haven't heard My Aim Is True, The Pretender or Little Criminals.) **Runners-up:** McLaughlin's Hard Rock Town and the ubiquitous Rumours. **Worst Album of the Year:** Queen, News of the World. **Runners-up:** ELP, Works Vol.1 and ELO, Out of the Blue. **Best Concert of the Year:** Bruce Springsteen, at the Concert Bowl February 13. **Runner-up:** this summer's Supertramp tour. **Worst Concert of the Year:** Styx/Prism, sometime in November. I do not consider what Kiss did a concert. **Least Newsworthy Person of 1977:** Anita Bryant. **Runner-up:** Maggie Trudeau. I would mention Anwar Sadat as Most Newsworthy, but everyone would accuse me of plagiarism. **Worst Campus Event:** Reinstatement of the Chevron. (No, no, no. I am not a fed hack, I do not hang around mathSoc, and leave me alone.) **Best Thing Published on Campus:** the last issue of EngiNews (the Sunday Chevron). **Most Disgusting Show of Apathy:** election of first-year regular rep. **Runners-up:** attendance at mathSOC pubs, non-production of Antical. **Least Disgusting Show of Apathy:** attendance at AIA forums.

	WINDOW TAPE		
	1	1	0
			1
	PROGRAM		
b	1-R-2	1-L-1	1-R-2
0	0-R-3	0-L-3	0-R-STOP
1	0-L-1	1-R-1	1-L-3
	1	2	3

Contest #2 (Write a filthy limerick about Marcia Mathie) is still open, and good entries will be published, local obscenity laws, good taste, and our beloved editor permitting. Contest #3: Imagine a Turing-machine type computer consisting of an infinite tape, a window, and a program card (see illustration). There are nine program instructions, each one of the form A-B-C, where A is an instruction telling the machine what to print in the window, B is either R or L (meaning move the window one space right or left) and C is the number of the column to go to for the next instruction. This number, combined with the character in the window after the move instruction is executed, will give the address of the next instruction. One STOP is allowed, in the C place. The program starts in the top left corner. The program shown prints out the number 1101, in a rather round-about manner. The challenge: 1) print out the longest *finite* sequence of 1's possible. 2) print out the longest finite alternating sequence of 1's and 0's possible. 3) print out the longest finite sequence of blanks (b's), 1's and 0's possible. 4) is any kind of arithmetic possible with this machine? (Assuming a pre-printed tape) Can you get it to binary add? or to or? not is trivial.

Lonely? Distressed? Send me mail, userid pralge on TSS and Unix, or scribble a note on a three-dollar bill and drop it into the mathNEWS mailbox on the third floor. One last thought inspired by Chicago's "Right Before My Very Eyes": People do not throw love away. Love throws people away.

Remember, Bruce Springsteen is God!!

-pogo



WANTED: Second-hand copies of Niven's "World of Ptaav", "Protector" and "Tales of Known Space" in good condition; will pay half cover price. Also anyone with Springsteen bootleg "Hot Coals from the Fiery Furnace"; will pay standard taping price. Mail pralge on TSS or UNIX.

WANTED Pick-up hockey players Monday nights (midnight St. Clements arena). No Hockey experience allowed

RATING Slips for the sanctioned bridge tournament run by Mathsoc are now in. Please come to MC 3038 to claim them.

1160

pinup

Dear mathNEWS:

This letter serves as reply to an article in your second-last issue, number 10 of volume XV.

In reference to JJ Long's article on the front page, "Mediocre Crowd: Great Band", the last paragraph. It states here that Rick Smit has been bringing chevron reporters to SCH pubs in order to get better coverage of Federation events. I'd like to point out that the chevron covers such events as a matter of course, providing there is a reporter available, and Mr. Smit does not "bring" reporters. They go of themselves.

As to the paragraph pertaining to myself, personally: "...Smit was seen dragging John W. Bast from his chair to near the stage, where Smit pointed to the band and the people dancing telling Bast to take pictures."

In point of fact, he did, but these pictures were strictly "unofficial" as regards the uses of the chevron. I had already taken two or three shots when I first arrived at the pub (and in fact these were redundant "insurance" shots in case the official chevron photographer, Laurie Lawson, already present, screwed up); the pictures Mr. Smit was requesting were for his *personal* use (the band, after all, consisted largely of pretty girls).

I have never had to be "dragged" into taking potentially useful pictures--useful to the newspaper, or otherwise.

I point out that if anyone is sponsoring an event or knows of some event he feels needs coverage, the chevron extension is 2331 or come to the office. We don't need to be dragged--a subtle hint is usually enough.

And new reporters are always welcome--cover what you feel needs coverage!

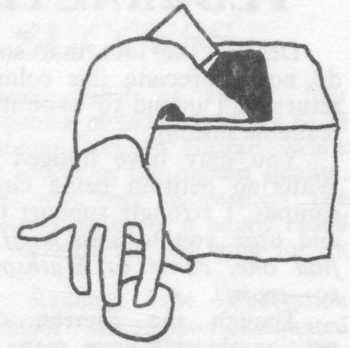
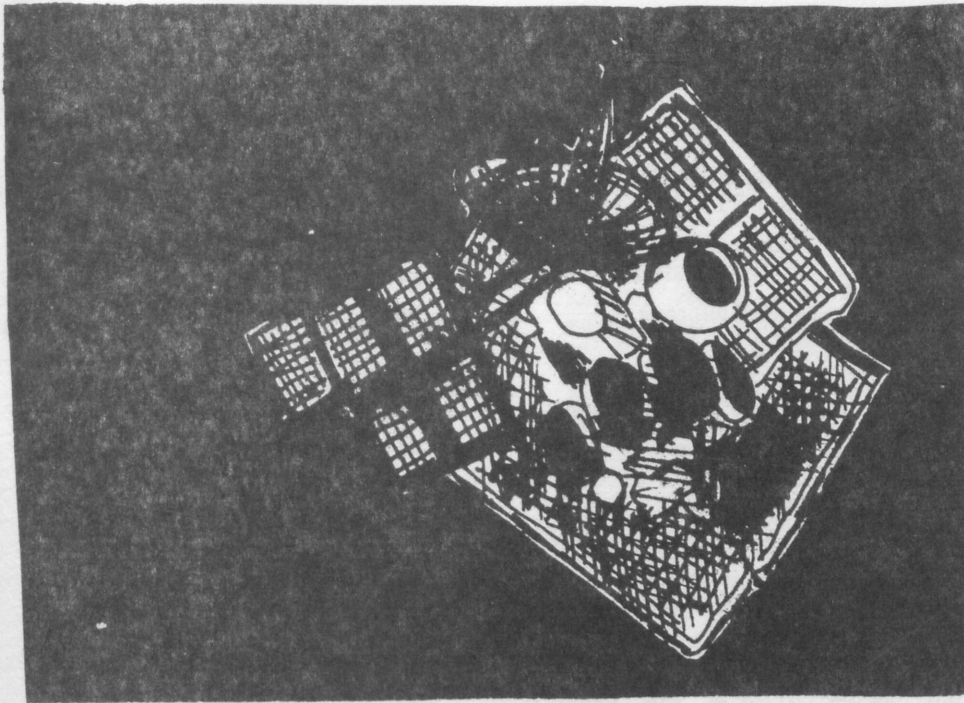
(If there's anyone else who want pinup beside Mr. Smit--pictures are cheap!)

John Wallace Bast
 Mad Photographer

A three—lines—a—centre was Purcett,
 So when he penned a limerick (Curse it!)
 The blessed thing came out a terset!

There was a young lady of Crewe
 Whose limericks stopped at line two.

There was a young man of Verdun.



Null Bars

Dear mathNEWS,

With regard to the letter about the railings; maybe you could explain why extra railings were not put on the following places:

- 1) on the stairway between the second and third floor, which surfaces between the lounges.
- 2) between the sixth and seventh floors (yes I mean seventh).

Steve Locke

Wasted Effort?

Dear mathNEWS:

It seems we must cut back and work harder while the government spends money on projects to improve the safety of the campus for the little people.

Editors Comment: This refers to the extra steel bars which were added to the stair rails in a number of buildings (including math) on campus. According to physical resources the added bars are to prevent small children from slipping through them. The money to add the bars was supplied by the Ontario government as part of a job creation program (and could only be used to add extra bars to the railings).

Since my last letter implied Burt Matthews was contradicting himself, I stand corrected and so apologize for that instance.

But, I now strike again. It seems that if one looks around the campus in the fall one can see little green men (usually in a group of three) raking leaves. I am not objecting to the beautification of the campus, necessary as it is. But is it required that they use rakes in groups of three rather than lawn sweepers in groups of one? It is my personal experience that lawn sweepers are much superior. Perhaps no study has been done upon this mechnation of efficiency, but it should at least be somewhat easier on a persons back.

If our illustrious university president must call for cutbacks, I believe it should be the responsibility of staff and students alike to criticize wasted effort and expenditure whenever and wherever it is found.

D. F. Cowie
3B Math

THE RELIGION OF PURE MATH

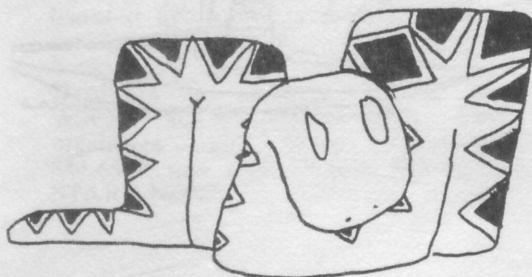
Yea, even though I be a sequence $f(n)$ in the sight of the Lord, I tend towards the sacred limit L when n increases without being stayed by the hand of the Lord, if Our Father decrees that, when we select any real number that be positive (that is a number which is not negative nor zero) which has the holy name of epsilon, no matter how small (though it be still great in the sight of the Lord), we are enlightened in such a way so that the absolute value (which is the only true value) of the sacred limit L subtracted from mine own humble self, is less than that of the Lord's holy messenger epsilon, whenever the Lord declares the n which is at the centre of my soul to be greater than his divine integer n_0 .

AND THE LORD CREATED CALCULUS.

From the Gospel according to St. Hoffman, Chapter R, verses x to $4x^2$.

Herr W. Duffelbag

Stolen from R.Y.C.I. (in Toronto) 76-77 yearbook.



JJLONGCO, Hit and Run Pie Company, "You find the face and We'll throw the pie." call anytime 886-2319 or ext 2485.

RATING Slips for the sanctioned bridge tournament run by Mathsoc are now in. Please come to MC 3038 to claim them.

WANTED: Second-hand copies of Niven's "World of Ptaavs", "Protector" and "Tales of Known Space" in good condition; will pay half cover price. Also anyone with Springsteen bootleg "Hot Coals from the Fiery Furnace"; will pay standard taping price. Mail pralgrade on TSS or UNIX.

WANTED Pick-up hockey players Monday nights (midnight St. Clements arena). No Hockey experience allowed (in the past 10 years) Contact Mathsoc for more info.

SPEAKER for sale. \$250. See Douglas, C-21 Hammar House (139 University Ave. W.) 886-1508

FOR SALE one roommate (male). Short but cuddly, needs shave. Ideal gift. Contact J.R.Miller over TSS.

WANTED A married couple is looking for an apartment to rent or share from May 1/78 on—preferably near the campus and at a reasonable rate.

call Karen at 884-7969 or Ted at 884-5385 or eamacneil on the 'bun.

GIRL WANTED to share 3-bedroom apartment with 2 quiet female students. Available immediately. Furnishings available. Ten minute walk to UW, parking etc. Rent \$100/mo. negotiable. 579-8137.

FEDERATION

Despite the fact that some people do not appreciate this column, it has returned. I intend to write it in a more readable fashion.

You may have noticed the Radio Waterloo petition being circulated on campus. I strongly support the petition and urge you to sign it (*if you can't find one, come to Mathsoc and say so—typist*).

Though the chevron claims the petition doesn't have many signatures (sour grapes?), Dave Assmann of Radio Waterloo has estimated that the petition has about 2,000 signatures. I think that it is a good idea for the media to be independent of the government. Therefore, I do not believe that the Federation, which is a student government, should own the radio station or student newspaper. My only regret is that there is no similar petition or referendum campaign being conducted that would lead to a separate refundable fee and corporation for the chevron. Now that is an idea for which the time has come.

Nominations for the office of Federation president are now open. This is your opportunity, along with the council elections, to get involved in your university and let people know your feelings regarding the various issues that affect us all.

Personally I have made up my mind on one issue. Since he took office last October Rick Smit has restored a great deal of trust in the Federation. I believe that the work he has done in his short

Date	Name	Topic
Jan. 12	Hegner, Rick U. of T.	New Rational Number Representation
Jan. 26	Hansen, Ron UW grad student	Computer Chess Playing Programmes
Feb 1	Len Kleinrock UCLA	Packet Switching/Resource Sharing
Feb. 16	Savage, Gordon UW Systems Design	Choreo (Graphic Dance Model)
March 2	Smith, Jim UW CS	Design Automation
March 9	Harlan Mills IBM Federal Systems Div.	Programming Methodology
March 16	Siewiorek, Dan Carnegie-Mellon	Fault-tolerant Computing

term of office has shown us that he is the person to lead the Federation during the upcoming fiscal year. I also hope that a strong council that will work well with Rick Smit will also be elected.

I received a pleasant surprise at the beginning of last week. Apparently Bill Deeks is an avid reader of **mathNEWS** and reads my column. In a well-worded memorandum, he took the time to wish me a happy and prosperous New Year. This is a welcome change and I publicly extend greetings to Bill and his staff. I hope you will have a good year, one in which true co-operation will result among all people on this campus.

Faster than premature ejaculation;
More controversial than laetrile;
Able to amend the by-laws with a single motion;
Look in the Federation of Student's council meeting;
It's the nose that knows, no it's the goodrich blimp.
NO!!!!!!!!!!!!!! IT'S supercouncillor.
Disguised as wild mannered jjschlong, he fights for truth, justice and his own way.

1162

My first Masthead! (let me gloat, Trob!) This was the first issue of term, and a little disorganized, but should be finished by midnight Tuesday. (20 minutes and counting) starting at 12:30 (afternoon) were Prabakhar Ragde, anew recruit Rob Collins, Alex White (who gave me a crash (it didn't) course on the PHOTON, John 'front page' Ellis, Bill Flowers was too trobbled to contribute, pckelly is laying out now, JJ Long with a legible (and almost grammatical) column, John Lee pied JJ, and your new co-editors Dave Gillet and me, Wil Macaulay. I almost forgot... last Gridword winners were (for the 8*26) Mike Stevenson and (12*16) R.G. Hockin [sic] mathNEWS is financed by but independent of mathXXXsoc. It is produced weekly on Monday and Tuesday nights by an all volunteer staff (and Peter Merkley is now gluing, folks, and I've filled up enough space with this, so good night all (I hate 8:30 classes) (())

