

Believe it
or not,
here is
an
issue of
the



math



NEWS

that
matters.

Volume 30
4
Monday
November 15,
1982

The Editor,
Imprint
CC 140
University of Waterloo
Waterloo, Ontario

Dear Sir,

As the older students on campus will recall, the Mathematics Society has been beset by a great number of problems in the recent past. These problems eventually led to the near dissolution of the Society and to the complete destruction of the respect that the Society once commanded among its members. Over the last two or three terms, a slow rebuilding process has begun, and a little of the lost ground has been regained. However, one of the major hurdles in this rebuilding remains to be conquered: the problem of the Constitution of the Society. The Society has all too often been tied up in knots of technicalities because of the complete unworkability of the present Constitution. This document is riddled with loopholes, contradictions, obfuscations, and outdated clauses, and thus has become almost completely useless in the governing of the Society. The result of this was a Society that, at its lowest ebb, became a despotic, inward-looking organization so tied up in its own problems that it could not perform its basic function - to serve the students.

There have been several attempts to change the Constitution of the Society in the past; however, these changes have amounted to little more than stopgap measures. In fact, there have been several occasions when an amending attempt was so poorly organized that the resulting MATHSOCI has invalidated the associated referendum. The present Council of the Society is determined not to repeat these mistakes. A completely new draft Constitution has been prepared, and two referenda of the members of the Society will be held, one this term (Nov. 16 - 18), one next, which will be run as carefully as possible so that there will not be any reason to question the results. The final determination, of course, will rest with the students.

It is this final determination that is vitally important. Drawing from recent Canadian experience, it is obvious that the subject of constitutional change raises nothing more than apathy in the general population. Nevertheless, the concern and the involvement of the membership is unquestionably the only thing that can turn the Society around. The students at large in the Math Faculty have a golden opportunity to start to build a strong and stable MathSoci; all it will take is a suspension of the usual Math apathy for a little while. I think the Society is worth it.

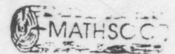
Yours sincerely,

Robert Ferguson

WATPUBS

Those interested in running Watpubs in Calgary, Ottawa, Montreal, and Toronto, please talk to me. Caps

referendum



At the Mathematics Society Council Meeting on November 4, 1982, the Council approved a proposed amendment to the Constitution of the Society. To consult the membership on this amendment, the Math Society will hold a referendum of the full members of the Society which, as required by the current amending formula, will be held over three consecutive working days in each of two consecutive academic terms. The portion of the referendum to be held this term will extend from November 16 to 18.

The referendum question will ask whether the members approve amending the current Constitution by striking it out in its entirety, and replacing it with a draft Constitution entitled 'Constitution of the Mathematics Society of the University of Waterloo, 1982' (see below). Copies of both Constitutions will be on display outside the Society office (MC 3038) and the lounges on the third floor of the Math building, as well as being available on loan (for a student ID card) from the Society.

The motions passed by Council regarding the Constitution and the associated referendum will be available from the Society office immediately; minutes of the Council meeting in question will be posted as soon as they are ready (approximately November 12).

Please express your opinion on this important question by voting in the upcoming referendum.

Dale Soldiuk
Chief Returning Officer

SAMPLE BALLOT

Whereas the Council of the Mathematics Society of the University of Waterloo has determined that the Constitution of the Society should be amended to enable the Society to better serve and represent the members of the Society; and

Whereas the Council, after study, has approved a document entitled 'Constitution of the Mathematics Society of the University of Waterloo, 1982' as suitable to replace the existing Constitution of the Society; and

Whereas the aforementioned document has been open for public inspection;

Therefore, do you, as a full member of the Mathematics Society, approve the document entitled 'Constitution of the Mathematics Society of the University of Waterloo, 1982' as a replacement for the existing Constitution of the Society?

___ YES

___ NO

QUIET DESPERATION

Why am I working on this column two weeks before it's due. I'm actually waiting for another page from our fabulous (bull) editor. Effective during the layout of the last issue, Dave Graham was demoted to assistant editor (then why am I typing in almost all of the articles...ass.ed) and FRED, the friendly editor on the Bun, became our new editor. (But can he type ??)

I know I have a Calculus assignment to finish as well as an Algebra mid-term to study for, but I sometimes wonder why I keep enduring them week after week. (You ain't alone, Scooter!.....your ass.ed.) Do I actually need to stick the letters B. Math after my name ?? Could I not just get my B.Ed. and some experience in the real (Does this mean both Rational and Irrational ??) world, and then start teaching CS and Economics at a Community College ??

Break out of it, Scooter!, or you'll spoil your non-birthday. Only a few know (the few who know who Scooter! is), but to put that on the calendar, I had to check my birth certificate. I don't my age or my birthday, although I could probably give you the entire history of several parts of the country and names of British Monarchs based on the year given. Who knows, I might even be a closet Artsie !!

I have been informed very forcefully (OUCH !!) by my most gracious (dumb jerk) "ASSistant editor" (emphasis on the first three letters !!) that I should not write MathNEWS (NEVER....ASS ED), but mathNEWS. I intend to appeal to a higher authority, the founder (editor #1) of this paper, Professor Adamson (blame him for this !!). There goes my Algebra mark !!

mathNEWS has Still Another Contest !!

Yep ! Response to the last issue's list of 'Quiet Desperation is ' ideas was so great that we are launching a contest based on it. Write up your suggestions in the form :

Quiet Desperation is :
-...

Sign your name, program, term and I.D. number and get your suggestions into the mathNEWS mailbox by 4:30 pm November 23. The winner will be announced in the November 26 issue along with his/her and other good entries in the contest. The winner will receive what is tentatively described as one large pizza with up to 4 items on it.....Yours from the one and only mathNEWS

Scooter!

Notice how this article lacks cohesion. (So do you, Scooter!...so do you !!). I've discovered that once you've passed the ELPE that they can't take that away from you. I noticed while laying out the front page that no mention of the 401-15-7 route to Ottawa arose. It's fast, and as it follows the Rideau Canal, it's scenic. Also, coming from Kingston, that's the way I always take to Ottawa. Also, if you need a place to eat in the Kingston area on your way up, there is a Macdonald's just off the 401 at Division Street. Also, you could go downtown to some excellent food (as opposed to what you get at the aforementioned MacD's) at two places on the corner of Princess and Division. Both are sharing the Princess Towers, the Queen's University co-operative residence. One is the Fire-Pit, the best fast-food spot in the city. The other is the House of Peking home of exceptional Chinese cooking.

Hey Dave, when are we running 'The Science of Blatant Filler' ?? Not tonight, because you left it at home. Are most readers leading lives of quiet desperation ??

Here's an idea for some fun. Write to an old high-school buddy and ask him to be your best man (or maid of honour, if you're a womanly female of the lady gender) Then ask him (or her) if he (she) might know of someone you might get hooked up with. You will keep in touch with this old friend and find out how many of your former classmates are doing. And as well, when you do tie the knot, you'll have one task out of the way !!

Before I forget and get stoned on cold pizza and warm beer....WHAT ?? WE'RE OUT OF COLD PIZZA AND WARM BEER ?? The hell with this...I'm going back to the Village !! Merry Christmas, one and all (from Eaton's in place of the parade).

SCOOTER!

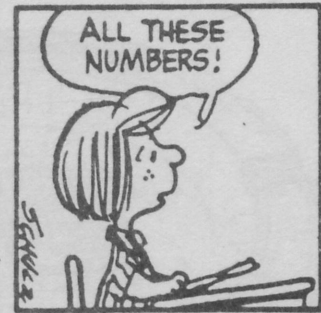
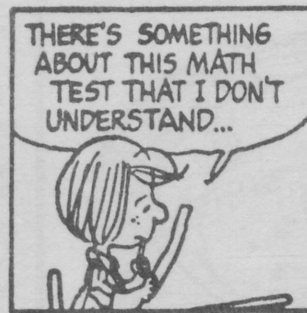
QUEBEC WINTER CARNIVAL

There are merely 15 places remaining for the February trip to the fabulous Quebec Winter Carnival. For a \$ 50 deposit and a total cost of \$ 135 you get Thursday to Sunday with two nights accomodation (ask me what we'll do the other night !!) So see me at the Math-soc office (MC 3038) and get in on this excellent trip !!

Caps

HOW TO RELAX AND WRITE EXAMS

PEANUTS



PRACTICAL SUGGESTIONS FOR STUDYING FOR AND WRITING EXAMINATIONS WILL BE GIVEN BY THE READING AND STUDY SKILLS COUNSELLOR, LAUREL THOM.

INSTRUCTIONS FOR EASY-TO-LEARN TECHNIQUES FOR RELAXATION BEFORE AND DURING EXAMINATIONS WILL BE GIVEN BY RON WALSH OF COUNSELLING SERVICES.

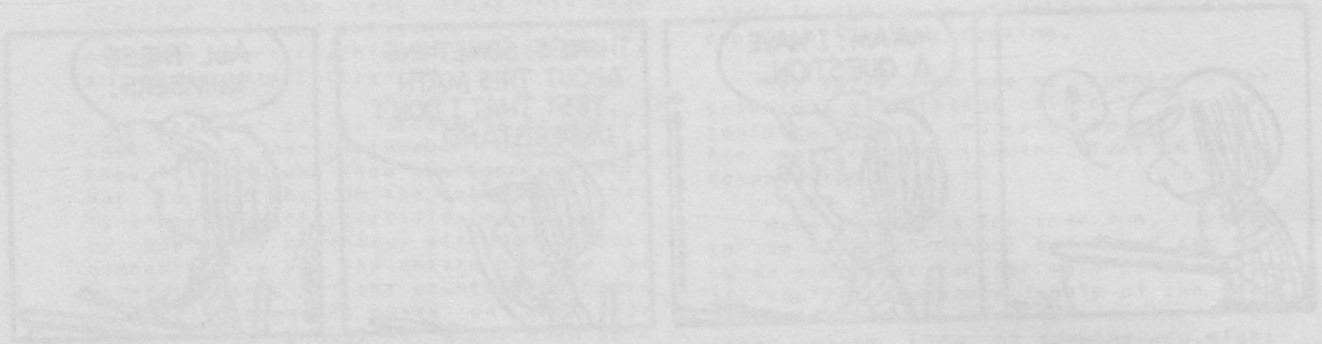
TUESDAY, NOVEMBER 23, 1982

4:00 TO 5:00 P.M.

MC 2065

SPONSORED BY MATH. SOC. AND FACULTY OF MATHEMATICS.

HOW TO RELAX AND WRITE EXAMS



ETIMW/EN

EXAMINATIONS WILL BE GIVEN BY THE READING AND STUDY SKILLS COUNSELLOR, LAUREL TOWN.

INSTRUCTIONS FOR EASY-TO-LEARN TECHNIQUES FOR RELAXATION BEFORE AND DURING EXAMINATIONS WILL BE GIVEN BY RON WALSH OF COUNSELLING SERVICES.

THESE THERAPY SESSIONS WILL BE HELD ON THURSDAY, NOVEMBER 27, 1987, AT 10:30 AM IN THE STUDENT UNION.

SPONSORED BY MATH, SOC, AND SCIENCE SOCIETY OF MATHEMATICS.

Warriors Football Wrap-Up

Congratulations to this year's football Warriors on their best season in a few years. Although they won only two games this season, they were much more a football team than their record indicated. Many of the games were close (Guelph 15, UW 13; WLU 21, UW 16; for a couple). Their victory over the York Yeomen to end the season was particularly gratifying. Last year's homecoming game was in Guelph. Congratulations to the alumni and team for getting it together this year.

After being down 7-0 the Warriors scored a single and a touchdown. York almost had the Warriors but fumbled the ball close to the Waterloo end. The Warriors earned a field goal and another touchdown to walk away with a well-deserved 18-7 victory.

The half-time show featured the York cheerleaders walking on and off the field (just as quickly); their tape recorder was broken. Then it was time for the great Warriors Band-Plummer Hard Hat (Head) Band challenge.

For those of you who aren't familiar with the contestants, here are a few details. The Warriors Band is now in its 16th year on campus and is made up mostly of Mathies (what good organization on this campus isn't?--wjj) (not intentionally, it just is) and provides music for the varsity hockey, basketball, soccer and football games. They have played for UW at tournaments at Acadia University and all over Ontario. They also play at the official building openings, unofficially at commencement and anywhere else they feel like showing up. This year the Warriors Band was invited to, and did, play at a pub at Ruby's at the Waterloo Inn. The Plummer Hard Hat Band (NTBA) (NTBA stands for Not To Be Abbreviated; hence we shall refer to the Plummer Hard Hat Band as PHHB) is made up of semi-talented engineers (we didn't say what they were talented at--ed) who get drunk (or partially so) and perform music. Their favourite piece is, naturally, The Plummer's Hymn, which they play quite well.

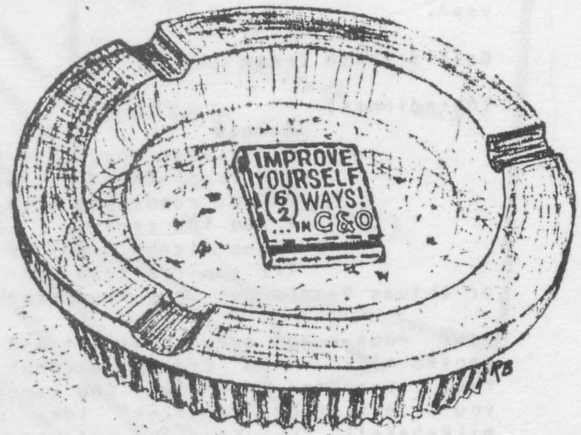
The Sex Life of the Botswana Tree Beaver

The Botswana tree beaver has a rather boring sex life (something like mine -ass ed. (mine too!-Dr. Kurrapp)). This is because only the females can climb trees, and they do this as soon as the male approaches. The male pleads with the female for an hour and then goes down the street and gets a hooker.

Dr. O. Plurbius Kuerrud A. ll, A. R., Ou.
N. D., Ni. C., E. Gu. Y.

The contest got off to a roaring start. Both bands displayed wonderful musical talent (I beg to differ--wjj), and all agreed that the contest was a draw (again, I beg to differ--wjj). However, in the opinion of many people, the Engineers lost (or won) when the entire band mooned the audience while an unknowing Warriors Band enthusiastically raunched *The Stripper*.

Unfortunately, attendance at these games is never large. Perhaps if the team had an enthusiastic audience, as they did on Homecoming Weekend, their record would improve. To all of you who have never been to a game, you don't know what you're missing. This season is over, but there's always next year...



Naismith Classic

This weekend the 15th annual Naismith Classic is being held at the PAC. It is a 12 team basketball tournament featuring 4 high school teams and 8 of the top university teams in the country. Last year, with the help of the Warriors Band, the Waterloo Warriors defeated the Universite de Quebec a Trois Rivières Patriotes (hence referred to as UQTR) in an exciting final game on Grey Cup Sunday. This year, some scheduling genius put the Grey Cup the week after (good) and the College Bowl the same week as the Naismith (too bad). Anyway, that's off topic.

This year's Naismith will feature the defending champion Waterloo Warriors (who deserve to be ranked number 1 in Canada this year), the finalists from UQTR, the University of Ottawa Gee-Gees, the Winnipeg Wesmen and four other teams from Ontario. Come on out to the biggest weekend this side of the CIAU's (which are here in March) and support the Warriors basketball team.

page 11, XE Z s.f. X72, X<4

The Recipe Corner
or
How to Save Bucks by
Making Your Own Booze

Advocat

Ingredients: 8 egg yolks (have eggs in-
stead!)
1 cup sugar
1 teaspoon vanilla sugar
or extract
300 ml condensed milk
3/4 cup alcohol
(preferably 94% from Quebec)

Blend yolks, sugar, vanilla and condensed milk together. Mix in alcohol. If it appears to be too thick (use a spoon) just add water or some more alcohol. Keep refrigerated. Good for one year.

Gail's Irish Cream

Ingredients: 3 eggs
1 1/2 tbsp chocolate syrup
1/8 tsp almond extract
300 ml condensed milk
1 cup 18% cream
1 cup alcohol (45% or 94%)
1/2 cup rye (V.O. or C.C.
or Chivas Regal, but ~~not~~ Five Star!)

Beat eggs, add syrup, extract and condensed milk. Add cream, alcohol and rye. Heat for one minute (no longer or you'll get Food Services' idea of a milkshake!). Keep refrigerated. (Usually lasts only one week before someone drinks it all!) If it's too thick, add a bit of milk.

Kalhua

Ingredients: 5 tbsp camp coffee
3 1/2 cups sugar
2 1/2 cups hot espresso
coffee (or boiling water for non-
Italians)
40 oz alcohol (94%? Sure,
why not?)
Boil espresso coffee (or boiling water), add camp coffee and dissolve sugar while boiling. Take off stove and add alcohol. Drink once cold.

still think
my Zombies
should be part
of this!
Thanks Bonnie!
(Monica thanks
you too!)
K

B52's

... rvaq epaq

Ingredients: 1/2 oz Kaluha (yours, or
the commercial stuff)
1/2 oz any Irish Cream
1/4 oz Grand Marnier Li-
queur

In a 2 ounce shot glass add 1/2 ounce Kaluha. Layer the Irish Cream on top of the Kaluha (done by gently pouring Irish Cream down a spoon pressed against the inside of the shot glass. Layer the Grand Marnier on top of the Irish Cream. Drink it down, NOW!

Joe Geremia

FLORIDA '83

During the break between exams and workterm in April next year, mathSoc is debating a trip to Florida. Full details are not yet available, but the indications are that transportation to and from Toronto International, air fare, and hotel will be the costs.

This trip should cost far less than you could arrange on your own. We would like to see how many people are interested and from there see what kind of price is available. (We may also run something from Ottawa or T.O. if you are on workterm in either of those two cities) In any event, if you are interested, please sign the list in the mathSoc office (Signing the list is not a commitment to go.).

PROFOUND STATEMENT OF THE WEEK

FINAGLE'S EIGHTH RULE

Teamwork is essential. It allows you to blame somebody else.

or

CONWAY'S LAW

In any organization, there will always be one person who knows what's going on.

THIS PERSON MUST BE FIRED
IMMEDIATELY !!



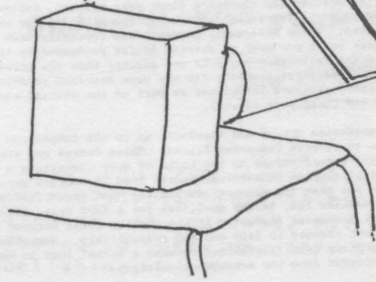
Math Soc VIDEO night

Monday
Nov. 22

7:00
pm.

Possible
Attractions:

- STRIPE S
- STIR CRAZY
- AIR PLANE
- THE SHINING and
- JUSTICE FOR ALL
- (FLESH GORDON)



B.Y.O.P

(PILLOWS)

WATCH FOR DETAILS TO BE POSTED MONDAY AM.

FACULTY OF MATHEMATICS

DEAN'S HONOURS LIST

In recognition of outstanding academic achievement throughout their undergraduate careers, the following students will "GRADUATE ON THE DEAN'S HONOURS LIST" at Fall Convocation, October 21, 1982 and have their names displayed in gold on the walls of the Faculty Colloquium Room (MC 5155).

- | | |
|------------------|--|
| Chi Han Li | (Computer Science/ Combinatorics & Optimization) |
| Michael A. TRICK | (Computer Science/ Combinatorics & Optimization) |

In recognition of outstanding academic achievement during the Spring term, the following students have made the Dean's honours List (Spring/82).

- | | | | |
|------------------------|---------------------|---------------------|---------------------|
| Gordon P. AHIER | John K. GIBSON | Rose A. LANDRY | Mark W. RANDELL |
| Nian W. BEI | Margaret A. GLAVES | Chi Han Li | Derek J. RIENDEAU |
| Gregory M. BIER | David M. GOYETTE | Chor Moon LIM | Barry E. ROSETTI |
| Marilyn J. BINGHAM | Elisa M. GRAHAM | Jennifer J. LONG | Carol A. SANDWELL |
| Edward C. BLEANEY | Stephen G. GRAHAM | Gary MacNICHOLAS | Yvonne L. SCHLEENAR |
| Catherine E. BRUULESNA | Dan R.J. HAZEL | Harold J. MANTEL | Heien M. SMIPLEY |
| Oscar A. BUSEY | Jo-Anne E. HARRIS | Michael M. MARKS | Daniel R. SIMON |
| Carolyn M. BUYERS | Michael J. HARRISON | Lynn S. MARSHALL | Paul Y.H. SIU |
| Richard H. CHAFFELLE | Fook L. HENG | Stephen R. MAULSBY | Frances K. SKINNER |
| Kenny K. CHEUNG | Harold W. HILLIS | Philip V. MAYERS | Russell A. SLEMMON |
| David CHIANG | Peter G. HOESSES | Colie M. MCCUSSIN | Alan H. SPENCE |
| Mark E. CHOJNACKI | Gregory C. HODGINS | Randy T. HISSEN | Alian D. SPENCE |
| Billy H.K. CHUNG | Bruce W. HOEY | Corinne H. MORRIS | Po Wan SUNG |
| James R. COLVIN | Edward H. POSNAR | Daniel J. MORRISON | Carol A.M. THIBault |
| Eduardo F. D'AZEVEDO | Steven J. HODDART | Kevin G. MULCARY | Michael A. TRICK |
| Ware A. DELAGURANTAYE | M. Kirk MITCHELSON | William J. NELSON | Andrew G. UNSEY |
| Jo-Anne E. DIGNARD | Glenn A. IVES | David E. MEUDERFFER | Paiwing WONG |
| Pareeh DUSHI | Ronald JANZEN | Ronald O. OLSEN | William D. WYLIE |
| Brian J. EASTWOOD | Bob A. KYRYLIUK | Gregory J. ORCHARD | Alan Y. YOSHIOKA |
| Benjamin M. EDLSON | Miranda Y-M LAI | Susan M. PACH | Siu Ming YOUNG |
| Donald E. GARDNER | Claude LALONDE | Alan D. PRIEST | |

In recognition of outstanding achievement during the Fall term, the following student has been added retroactively to the Dean's honours list (Fall/81).

Eduardo F. D'AZEVEDO

Why are you holding this upside down?


 head.
 or on your
 @ also stands
 or someone
 when you
 happens
 This

 No NEWS!
 Reporter:
 Pee King
 From our

Bratantli & Filled
 by Poli-Filla

University of Waterloo

3rd Annual Benefit Semi-Formal



Proceeds Donated to the Rotary Children's Centre

Friday, November 26, 1982
Bingeman Park, Marshall Hall
1208 Victoria N., Kitchener

Featuring the Music of MARY LU ZAHALEN
presented by Bent of the Federation of Students

Tickets 25.00/couple Cocktails 6:00 Dinner 7:00 Transportation Available Open to the University Community and the Community at large	Tickets Available From - V1 & V2 Residence Dons - Church College Residences - Co-op Residences - Federation of Students - All Faculty Societies - Housing Office
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- Presented by V1 & V2 Residences -

**Information re: Descartes Awards
for Current and Aspiring Descartes Fellows**

Each year, a number of incoming freshmen in the Faculty of Mathematics apply for a Descartes Scholarship. From these applicants, several are selected, on the basis of their high school grades and their performance on the Descartes Exam, to be "Descartes Fellows". A student so designated at the beginning of his/her first year in the Faculty of Mathematics receives an initial Scholarship award, to be applied against the student's first year tuition, followed by subsequent Fellowship payments for every term (beginning with 2A) for which the student is registered. These Fellowship payments are typically made as reimbursements for three hours per week of marking duties performed by the Descartes Fellow each term. The Fellowship payments are greater than the corresponding payments made to non-Descartes students for the same services rendered. In a few cases, Scholarship payments designated as part of the initial award, continue into second and third year as well.

All undergraduates (Co-op and Regular), up to the completion of third year, are eligible to receive Descartes Prizes. These Prizes are awarded on the basis of the student's performance on two terms of work comprising a "year". If the student's overall average on a normal course load (5 courses per term for General, 6 courses per term for Honours) during the most recent two terms (1A/1B, 2A/2B, 3A/3B) is at least 90%, he/she qualifies for a \$200 Prize if an Honours student and \$100 if a General student. If the average falls between 87% and 90% then the Prize amount changes to \$100 and \$50 respectively. Normally, courses taken during a part-time term (sandwiched between a normal load in both term A and term B) are excluded from the average calculation.

Honours students who are Prize winners and who are not already designated Descartes Fellows will also be considered eligible for a Descartes Fellowship to be tenable for the remainder of their undergraduate career in the Faculty of Mathematics. Visa students are eligible to attain Prize awards but not Fellowships.

Descartes Fellowships will be discontinued whenever the Descartes Fellow's overall cumulative average falls below 80%. Honours students who change to a General program can do so without forfeiting their Fellowship.

This brief overview of the criteria for the awarding and maintaining of Descartes awards is meant to generate interest in Math students to achieve recognition and financial reward through the Descartes Fellowship and Prize program. If at any time during your undergraduate career, you believe that you are eligible for a Descartes Prize and you have not been contacted prior to the beginning of your next term at university concerning such an award, please feel free to call Mrs. Lyn Burkowski (extension 2592) or drop by her office (MC 5197) to inquire about your situation.

Students who are Descartes Fellows should be aware that, if they decline marking duties for their Fellowship reimbursements in any one term, then they will not be offered the Fellowship amount again in subsequent terms unless they contact Mrs. Burkowski to express a new willingness to take on marking duties.

The Science of Blatant Filler

One of the key items found in any newspaper or magazine is the little item that interests no one on the face of the earth (Quiet Desperation ..Ass Ed.). It just happened to be lying around and fit into the empty spot on the page. Such items just sit in the holes in the text to make things look trimmer. In the publishing industry, of which I am a member (Assistant Editor of my hometown newspaper-Dr. QPK, et al.) these items have earned the name of filler.

So what is blatant filler? On a paper like mathNEWS, where no one is concerned about the quality, our supply of filler is limited. To round out our pages, we have to make our own filler.

Now, we have a choice. Either we can make the filler into another article, or we can have some fun with the space. Look at the space that follows:

Looks kinda bare, eh? But we could do one of two things. We could run something like "The Sex Life of the Botswana Tree Beaver" (sorry, page three -ass ed.), or we could use BLATANT FILLER!!!

FILL THIS SPACE WITH A MESSAGE...

And we'll kick your teeth in.

The Management

As you can see, blatant filler is quite obvious. This is especially so in mathNEWS as our ass. editor keeps forgetting to get us any stories worth publishing.

We have other variations on blatant filler such as worthless articles. The best blatant filler in any issue, however, is the glorious 'Masthead'. Masthead is actually at the end of the issue and, among other things, lets whoever got stuck writing it to spill his thoughts on paper. The original idea was to list those who helped on the issue, but it also has a tendency to grow and consume all unused space remaining in the paper. Masthead has become almost as senseless as Dear Alex (that's an inside joke). That's why mathNEWS always has a Masthead. Hey, will this fit? No, we need some more BLATANT FILLER!!!

M.L. Kahnt

The mathSoc

MEGA

Wine & Cheese Sat, Nov. 27 SCH

\$2 Mathies
\$4 Lesser Beings

*** Featuring a Professional DJ ***

Advance Tickets Available from MathSoc (limited number so buy early)

All wines imported!!! 25¢/glass

Special Note:

4 glasses of wine free for everyone sporting a fabulous, limited edition, Math Pink Tie!!

PAGE 7

UW Hit Parade

For all of you who pride yourselves on knowing the words to every Top 40 song on all the charts, here's one that you shouldn't miss! Since its birth last year by Steve Hayman, CCWR IX (and creator of the Honeywell's fred flintstone), it has become one of the most popular songs on campus. Sing along with the Warriors Band during basketball games.

Waterloo, Waterloo, dum dum dum da dum, Waterloo, Waterloo, dum dum dum da dum, We dum da dum dum deeeee, And dum da dum dum daaaaaaah, Waterloo, Waterloo, Waterloo.

Laurier, Laurier, pffft to Laurier. U. of T., U. of T., pffft to U. of T. We pffft to Brock and Guelph And pffft to York and Mac. Western U., Windsor too, Pffft to you.

Of course, most of the school names can be substituted with one of the others. But if the Warriors ever play the Massachusetts Institute of Technology or the University of Pepperdine at Los Angeles, we're in trouble.

Handwritten notes: (This side) (that way), (This end) (down), This end up, Dave's this right?, This over here over here



Boy, do I
ever love
Algebra

MATH MARAUDERS ARE FLYING HIGH

The Math Marauders Ice Hockey Team are 2 wins and no losses early in the season. The Marauders defeated Renison College (alias FUBAR) by a 3 to 1 score in the first game of the season. Dan Charbonneau led the team with two goals while captain John Hickey counted the other goal. Goaltender Kevin Tureski played a solid game making some key saves when the score was knotted at one.

JOHN HICKEY
CAPTAIN

$$\lim_{n \rightarrow \infty} \frac{\sin 80}{n} \quad (\text{IF YOU DON'T KNOW, ASK A PROSH!!})$$

In the second game, the Marauders started sluggishly against the Creme de la Chem allowing the Chemmies to score the game's first goal. However, the Mathies scored three consecutive goals and never looked back. The line of Jeff Quatham, Bill Eickmeier and Kevin Sullivan proved effective with both Eickmeier and Quatham scoring twice and Sullivan earning two assists. Perry Best completed the scoring for the good guys.

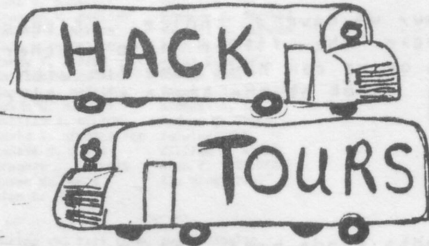
APOLOGIA, SORT OF

Listen. We KNOW that the more literate among you are becoming weary of the predominant theme of (dare we say it?) blatant filler.

Thus we turned this page over to the mathNEWS quality control department to ensure its high standards. They spent days pondering a solution, which follows.

Not the Editor

3
decades of
Library
Security



INTERNATIONAL

Math Soc & CSC

PRESENT.....

The Canadian Computer Show

(well, actually the CSC is organizing a bus to the show)

Tuesday, Nov. 16.

For details, drop into CSC office
MC 3037

1972 1982 1992



number nine number nine number nine number nine number nine number nine number nine number nine

TO : STEVEN LIGHTSTONE, PRESIDENT MATH SOCIETY
MATH SOCIETY EXECUTIVE
MATH SOCIETY COUNCILLORS
DAVID GRAHAM, EDITOR, mathNEWS
MATH STUDENTS AT U of WATERLOO

FROM: ROBERT DREYER, MATH CO-OP REPRESENTATIVE
FEDERATION OF STUDENTS

RE: CFS PROSPECTIVE MEMBERSHIP

The Quality control dept.
is on the ball. This spot
was almost left blank
but the Q.C.D. got it
at the last minute.
You can rest assured that
we will fill every possible hole.

On Sunday October 31, 1982, the University of Waterloo voted to become prospective members of the Canadian Federation of Students (CFS). This action implies that in two years a referendum will be held where the student body will decide whether to become full members of this organization.

- In my view, no work that is NOT being done now for NUS will be done for CFS.

This places onus on all student societies and your federation to promote and educate the student body at large on the various aspects of the Canadian Federation of Students.

- All fees currently paid to the NUS via the Federation fees are already available to CFS. We pay NO EXTRA by becoming prospective members.

The Canadian Federation of Students is the organization to replace NUS, the National Union of Students which is the current national organization and which will no longer exist by 1985.

2. Becoming prospective members states support for CFS objectives and policies.

Two arguments were presented regarding the motion of becoming prospective members.

- Part of this is true. We do support their objectives. However, these objectives are generally those of all societies; to better the welfare of students.

a) Should a referendum be held at all? Are the students educated or responsible enough to make such a decision?

- In regards to their policies, I agree that these are very controversial. However, never have all members of an organization upheld all policy decisions. To think otherwise is ludicrous. I feel that by publicizing our disagreements with CFS policies we will eliminate any misconceptions concerning UW's stand on these matters. As well, in two years, the students at large will decide.

This idea of allowing the students to decide was very much supported especially in view of the fact that last year a referendum was held regarding OFS membership. Besides, we're all university students. Who better is capable of making such decisions?

3. Should Waterloo belong to any national student organization?

b) Assuming a referendum is held, should it be done as prospective members or independently?

- U.W. currently does so. This decision was made by students before us. They had good reasons to do so.

It was on this point that a great deal of emotion became prevalent. I will try to present the "against" argument and then the "for" argument.

- If we don't like something we should try to change it, not isolate ourselves and say "To hell with them !!"

1. Becoming prospective members causes much more work and costs us more money.

- The OFS referendum does say something and should be considered.

Any questions to be asked can be made through MathsOC (MC3038).

The motion passed with a vote of 9 in favour and 6 against. I voted for the motion.

ROBERT DREYER

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EVEN THIS ONE!! (IF YOU'RE CONFUSED, LOOK UP...LOOK WAY UP!!)

Sianna (approx.)

Where I Come From, they call it Masthead!!

Every now and then, when producing math NEWS, we run into the occasional trouble. But not this week!! Other than the Bun being permanently unavailable because some profs have actually been giving out assignments!! (Yes Phil, classes have started!!)

We had no other problems... except that every time the Frosh have an exam I lose about 80% of my staff. Oh yeah, there was no plug for the typewriter and so I'm writing Masthead and much of the other blatant filler.

My tummy feels so much better after that PIZZZZZA!!

Thanks to Scooter!, WJJ, Young Mark Graham (male model), Monica (MY OPTION) Oke (see you shortly), Kelly (my little sister) Holmes, Mark Kahnt, Rob Cooper, not Kathy Niccols. Other people put neat stuff in my mailbox... Joe Geremia, Caps, Cathy Brown, Rob Ferguson, Rob Dreyer, Sean Frosh, and anybody I forgot.

Monica wants to write something.. I'm too tired to say no... So here she is (after she draws her Botswana Tree Beaver !!) ----- start here

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From to Dave...

Monica's always been a little sdrawkcab (more little than sdrawkcab)!!

Oh well, another issue shot to HELL.

Good night (i.e. morning)... I'm just a growing boy and I need my sleep... DAVE PHONE HOME.

Thanks Stan for the ride back to the dive.