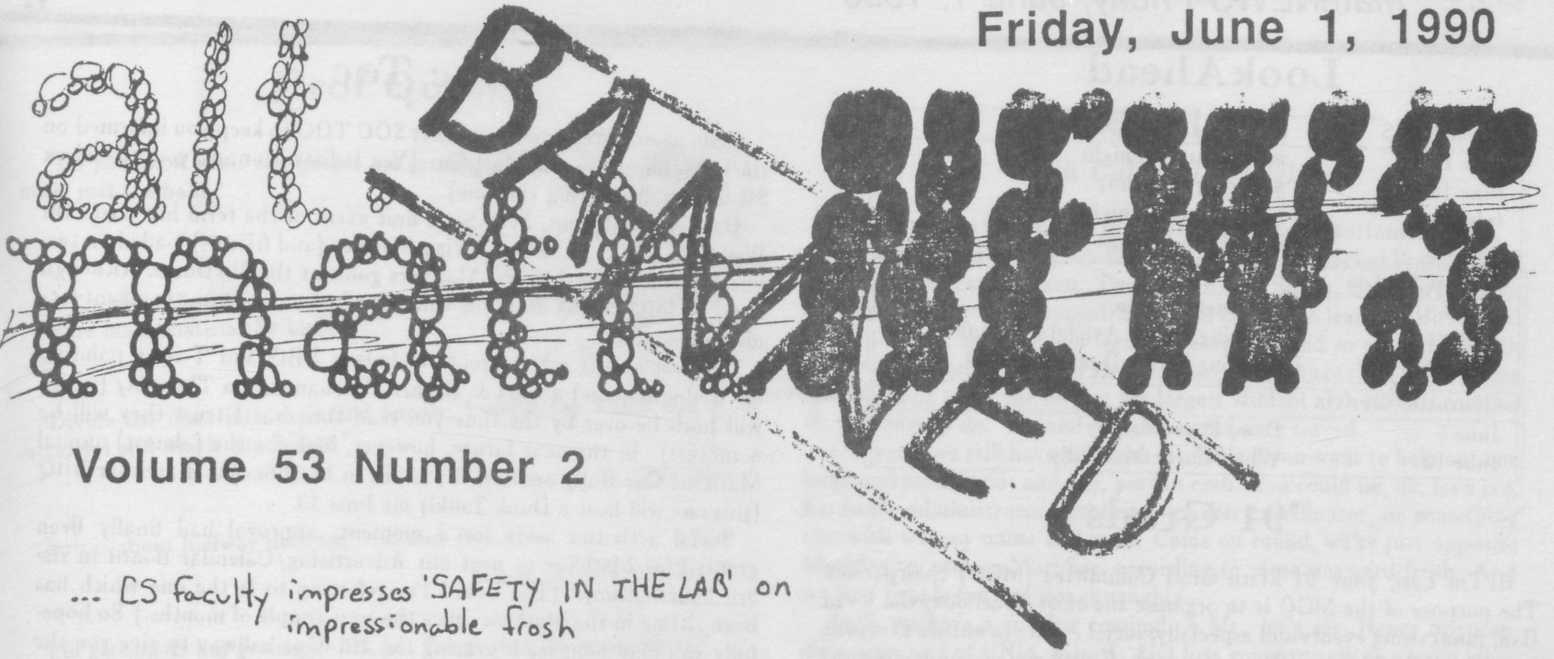


Friday, June 1, 1990



### Volume 53 Number 2

... CS faculty impresses 'SAFETY IN THE LAB' on impressionable frosh



## LookAhead

mathNEWS	(MathSoc, MC 3038 19:00)
June 1	#3 production night
June 18	#3 hits the stands
July 9	#4 production night
July 13	#4 hits the stands
<b>Co-op Dates</b>	
June 6	Interviews Begin
June 21	Ranking Forms Available - 11:00 A.M.
June 22	Ranking Forms Due - 4:30 P.M.
<b>Cinema Gratis</b>	
June 5	Dead Poets Society
June 19	When Harry Met Sally

## '91 Grads

Hi I'm Lori, your '91 Math Grad Committee (MGC) chairperson. The purpose of the MGC is to organise the class Yearbook, the Grad Ball, fundraising events and especially, social events to ensure everyone has a *FANTASTIC* final year. To start off the term we are having our first Pub Night on Tuesday, June 5<sup>th</sup>. Watch for signs with time and location.

If you are in the class of 1991 and want to get to know your graduating class and become involved with the MGC there are lots of committees that require your help.

Here is a list of the areas you can become involved with:

- Fundraising - pizza and barbeque days, raffles, bingos
  - Yearbook - grad photos, photography, design
  - Social Events - pubs, trips, special events
  - Memorabilia - class rings, shirts and sweaters
  - Math Grad Ball (MGB) - planning, decorating, slideshow
- The directors of these committees are:
- Yearbook - Tracey Morton
  - Social Events - Marilyn Scheerer
  - Memorabilia - position still open
  - Math Grad Ball - Liz Nemerson
  - Corporate Finance - Patrick Ko
  - Treasurer - position still open

### Important Dates

- Grad Photos - Friday, June 1 - Wednesday, June 6
- Yearbook Sales - Friday, June 1 - Wednesday, June 6
- Class Group Photo - Tuesday, June 5 at 5:00pm (front steps of Math Building)
- FIRST PUB - Tuesday, June 5 (Time and location to be announced. Look for signs.)

That's all for now. If you have any suggestions or questions please do not hesitate to contact myself or any other member of the MGC executive. Have a great summer and I hope to see you at all of our events.

Lori O'Brien  
MGC Chairperson

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Editor: Del Rob Mundo (not dyslexic) and Kean Sniht (yes dylhokxc) (and lithp)

## Soc Toc

Hello again! Welcome to another SOC TOC to keep you informed on the latest happenings in MathSoc. (Yes, believe it or not, your president SR is actually writing this one).

On the social front, MathSoc's first event of the term has past. On Wednesday, May 16, 90 fun-loving Mathies (and friends) loaded on two buses attended the Jays vs. Mariners game at the SkyDome. Although the Jays lost, I think everyone who went had a good time (and got lots of exercise too!)

Mathsoc's next social events include a BBQ and T-shirt painting on Wednesday and a Dart & Euchre Tournament on Thursday (which will both be over by the time you read this, but I trust they will be a success). In the near future, however, look for the (almost) annual MathSoc Car Rally on June 9 (details in MathSoc) and another BBQ (this one will host a Dunk Tank!) on June 13.

Social activities aside for a moment, approval had finally been granted for MathSoc to post our Advertising/Calendar Board in the 3rd floor hallway. (The board I'm referring to is the one which has been sitting in the Mathsoc office the past couple of months.) So hopefully you may soon see it gracing the 3rd floor hallway to give you the latest info on all Mathsoc events.

Congratulations to Lori O'Brien who was selected as this year's co-chairperson of Math Grad Committee. Look for Lori's ads in mathNEWS and signs posted around the Math Building to come out and get involved with MGC '91.

Thanks to Steve Butler (CRO) who ran the 3A Class Rep election last Thursday and Friday. Congrats to the winners: Simon Tam and Jerome Nantel. All class rep positions have now been filled or officially closed. However, there are still a couple of vacant positions available for appointed exec - stop by MathSoc and speak to one of the exec if you are interested.

Well, that's about all for this week. Remember to come out and get involved - and have a great summer!

Shelly Ruth President  
Marc Boudreau Vice-President  
Peter Zettler Treasurer

## YearBook '91

Creetings to all '91 Grads! The time has come to start preparing our favourite part of our graduating year - the Yearbook. Hi. My name is Tracey Morton and I'll be your Yearbook Editor for this stream. I need a group of interested people to help out with photos, layout, "blurbs", sales and lots of other fun stuff, - so, get involved! If you are interested in putting together our yearbook contact me at 725-3189 or Lori O'Brien (MGC Chairperson) in the MGC office (MC 3038) sometime.

The Yearbook will be on sale during Grad Photo Sessions, Friday June 1 - Wednesday, June 6 for a mere \$20.00! Be sure to order one now since they will NOT be on sale during the winter term. I also need people to help with sales, so if you can spare an hour or two, it would be greatly appreciated. Just contact Lori or myself.

We need photos!!! I am sure there are oodles of candid out there and if not... get those cameras out, dust them off and put them to good use. A yearbook is what YOU make of it and those funny, embarrassing shots of you and your friends can only add to the memories. Drop any photos off at MC3030 - they will be returned to you at convocation next year.

Individual "blurbs" - take a few moments and write something that reflects the 'real you', or get a friend to do it. Forms will be given out at your Grad Photo Session. Once it has been filled out, just drop by the MGC office. Oh, one more thing, we have a deadline - please submit them by Friday, June 15!!!

Thank!!  
Tracey Morton  
'91 Yearbook Editor

## Prof Quotes

"Do you know what else people are stealing? Mouse balls. Not the mice, just the balls."

Pidduck, CS 330

"The definition of a tensor will scare the hell out of anyone who isn't a pure mathematician by birth."

G. Tenti, AM 361

"Divide the class into male and female; I won't say which one is successful and which one failure."

Springer, STAT 230

"Zero is about halfway between  $-\infty$  and  $+\infty$ ."

Frank Zorzitto, Math 147

"I'm getting it! I'm getting it! Ha, ha. I've proved the wrong thing!"

Davis, MATH 234A

"In real life, you don't find stories coming up to you and saying, 'Hi, I've got a binomial distribution.'"

Springer, STAT 230

"Don'tcha know this letter,  $v$ , it's sort of like a hung over  $v$ ."

S. Meester, Stat 231

"More equations than an engineer has brain cells - at least two."

K. Salston, Math 230A

"We'll do the engineering proof... it's true for these two nodes; therefore it's true for *all* nodes."

D. Wood, CS 340 (pointing to two nodes in a binary tree)

## C'mon Out And Give Us a Hand (or Two)

You may have noticed us shuffling black bins, crushing cans, sorting cans, packing newspapers, and separating glass. "That's a lot of work," you might say, and "who on earth would be crazy enough to work with garbage?" Well, to date there are approximately ten crazy recycling-loving people. However, ten isn't enough, if we plan to expand our program. Ideally, there should be a recycling bin beside every existing garbage bin, so realistically we are hoping for four recycling centres:

1. outside the C&D (that already exists)
2. on the 2nd floor
3. in the 4th floor
4. in the Davis Centre cafeteria

If you have any ideas or a little spare time (say an hour a week), you can find me in the MathSoc office between 11:30 and 12:30 on Tuesdays, and between 3 and 4:30 on Wednesdays. If I am nowhere to be found just leave a note on the bulletin board under 'recycling'. (By the way, this mathNEWS is photocopied on Save-A-Tree-Paper which contains 50% recycled paper!)

Trusha (Recycling Director)

## CSC Flash

with Calum T. Dalek

We interrupt this issue of mathNEWS for an important bulletin.

On May 22nd the People's Republic of the CSC elected President Ed Bourne, VP Trevor Green, Treasurer Karen Smith, Secretary Robyn Stewart and System Administrator Sean Goggin to lead and direct and command and organise and feed and entertain and so on and so forth our wondrous and delightful and oh so amazingly huge club, since we are and continue to be the largest yes largest student club on this campus oh yes indeedly do. Tea and doughnaughts were served.

Oh, yeah, we still have positions available if you want to help out our large and industrious and fun, yes fun club. You could be, oh, let's see, hardware administrator, publicity, speaker coordinator, or something else with a fancy name and stuff. Come on round, we're just opposite MathSoc, or we are MathSoc, according to some wayward frosh. And we feed people tea and doughnaughts.

And! we have a speaker coming! A Mr., let's see, Henry Spencer. He's some sort of UNIX wizard. And he's going to talk to us and whoever else wants to hear. And we're going to have tea and doughnaughts for them that wants. He'll be here on June the Seventeenth, and the room hasn't been confirmed yet, but it will be, and we'll post lots and lots of signs which we'll stamp with the natural log so they don't get pulled down.

More speakers are coming this term, like people from Bell Northern Research, and a person to talk about (wow!) VM/CMS, and we'll get the oh so neat Siggraph video for everyone to see. And we'll serve tea and doughnaughts.

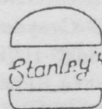
And most delightfully we're going to have a softball game. Against the CS faculty. For fun. And tea. And doughnaughts. The first practice Saturday, June 2, at 2:00 p.m., and we'll meet, guess where, in the CSC, not MathSoc, because they don't serve tea and doughnaughts.

And we sell books. For two bits. Or memberships. For sixteen bits. Or two bytes (hah, hah, CSC humour). Or, if you come out to our talks or something, we'll give you tea and doughnaughts.

That is all. We now return you to regular programming and tea and doughnaughts.

Robyn Stewart  
Secretary  
Computer Science Club

## The Stanley Burger Philosophy



At Stanley's we believe that each customer deserves a great tasting, wholesome meal. Every item on our menu is prepared the old-fashioned way using only fresh, nutritious ingredients. Our burgers are made with 100% pure beef, all-natural spices, no added preservatives and are served on bakery fresh buns. We take pride in putting only the best into everything we make.

Experience the Difference of a  
Fresh Home Made Burger

210 King St. N. Waterloo  
(Across from W.U.)  
(\$1.00 off one coupon per purchase)

**STANLEY  
COMBO**

Stanley Burger  
Fries  
Pop

Only \$3.<sup>29</sup>



Expires June 21, 1990

## Faculty of Mathematics, The Dean's Honour List

The following students have "Graduated on the Dean's Honour List" at Spring Convocation: BAIN Micheal Peter, BENJAMIN Gavin Stanley, BERTRAND Philippe F, BOLDRINI Mary Ginetta, BRADLEY David M, CARETTE Jacques Jr, CHAMBERS Christine Jean, EDELSON Robyn Arlene, FONG Philip, GIGUERE J Y Eric, HANCOCK Geoffrey H, HEWLIN Todd Guy, KRAMER Jeffery Scott, KUSTERS Norbert Paul, LAMB Julianne Krystal, LEWIS George Robert, MA Ngai-Keung Kenneth, MARTIN Marie Josee, MCKENZIE Andrew Craig, MOLTYANER Lev, NHIEU Duy Minh, POZER Susan M, RUSSO Giuseppe, SCHRANZ David Walter, SEMERAK Peter Henry, SIMONSEN Katy L, SMITH Debra, SWIFT Sharon Lynn, TOWNER Joanne Louise, TRUCHON Francois, VANSEGBROOK Jeffrey Paul, VEACH Eric Hugh, WEEKS Laura Patricia, WILLIAMS Peter Austin, YONG Peng Hon Darrell, YOUNG Caspar J A, ZHENG Luo Quan

The following students have "Graduated with Distinction" at the Spring Convocation: BARBER Susan, BLAKE Debbie Lee, BOESE Glen Victor, BOSE Prosenjit Kumar, BOWLAND David Richard, BRADFORD Ruth Susan, BRENNEMAN Tracey L, CANNING David William, CHANG Tony Keung Fuk, CHAPMAN Laurie Ann, CHARRON Timothy Paul, CHOI Ken King Fai, DAVIS Robert Neal, GAZZOLA Andrea Marie, GREEN Stephen Joseph, HAIDER Masoom Abbas, HARRELL Jane Alison, HOUSTON David Mark, HOUSTON Scott Robert, HOWARD Simon, JESTY Bradley Keith, JOHNSTON Linda Ann, KLASSEN Brent Douglas, KUNZE Herbert Edward, LEE Dennis, LEPPINEN Carol Ann, LITCHFIELD Gwen Barbara, MACDONALD Ronald Sean, MACK F Randall E, MCNEILL Douglas Paul, MOFFATT Glen Charles, MORRIS Wayne Norman, MYERS Paul Glen, OJA James Andrew, PAINTER Alan Arthur, ROTHFISCHER Thomas E, RUTA Alessandro Antonio, SCHMIDT Richard Tomas, SCOZZARI Salvatore, SIEGMUND Dieter W C, TRAN Quynh Mai, WAGMAN JILL Michelle

The following W90 students have qualified for the Dean's Honour List: BALDWIN William Jonathan, BIBBY Katherine Anne, BOLDRINI Mary Ginetta, BOS Richard Everret, BOSE Prosenjit Kumar, BRCIC Jasenka, BROCKINGTON Mark Gordon, CAO Jin, CARON Nicole Jeanne, CAVALLIN Tim, CHAN Tsz Kin Micheal, CHAN Wai Kiu Kanmy, CHAN Wing-Leung, CHANG Ling Fung Larry, CHANG Su-Chin, CHEUNG Liam, CRAFTON Bradley D, DAVISON Timothy S, DUCHARME Dale Matthew, DUKE Carolyn E, EBBO David Serge, FANG Lijiang, FITTON Peter Ernest, FREDERICK Stephen Robert, GHANI Nur Abdul, GLAISTER Ian Matthew, GREEN Stephen Joseph, HASKINS John Charles, HAWKINS Michael David, HAZENBURG Graydon Hendrik, HO Han, HSIEH Tse-Tsin, HSU Ada Yee Hang, HUSBANDS Karen Paige, JOHNSTONE J Doug, KLUMP Stephen Robert, KONG Wun, KRAMER Jeffrey Scott, KRAY Jansen, KUNZE Herbert Edward, KWOK Chi Wai William, LAM Wing Tat, LAMB Julianne Krystal, LARSON Johan G, LAW James To-Cheng, LEE Gregory Thomas, LEE Simon, LEPAGE Claude Yvon, LEPPINEN David Michael, LEUNG Kwok Wai, KO Wing Yiu, MA Wai Man Theresa, MACLELLAN Carol Marie, MANKTELOW Blair, MATHIEU Gregory Paul, MOHAMMED Asad, MOORE David Alen, NAUMANN Bernard Richard, NG Ngai Hung Jimmy, OOI Soo Liang, PARKENSON Scott Terrance, PASCAL Jodie Karen, PEIRCE Stephen, PIGNAT Danial Joseph, POLLNEY Denis,

POWOJOWSKI Miroslaw Ryszard, RAVIGNAT Damien, ROBERTS Collin D, RUSSO Giuseppe, RUTA Alessandro Antonio, RUUTH Steven John, SAUVE Paul M, SCHIEDEL Juanita, SCHOFIELD Michael B, SHIP Harold Jeffrey, SIEGMUND Dieter W C, SMITH Kevin Edward, SMITH Stephen Andrew, SPENCER Scott William, SPRINGER Colin M, STEPHENS Bradley John, STOCKIE John M, TAE Paul Robert, TAN Ken Seng, THOMAS Stephen M, TOMLINSON Stephen Ivan, TRAN Minh Van, TSANG Wing Yin Teresa, TY Kieh Tsung, VEACH Eric Hugh, WALLACE William E, WAN Yuen Wai Christopher, WARMERDAM Lisa May, WEEKS Laura Patricia, WELLSTOOD David Ross, WIELOWIEYSKI Marek Stefan, WILLIAMS Damon Grant, WILLIS David Timothy, WINGER Gary Bruce, WONG Tang-Chit, WONG Tina Kar-Yin, ZUBERI Khalid, ZUCCHERATO Robert Joseph

## Integration

*To the tune of Revolution a la fab IV.*

You say you're doing integration  
Well you know  
We all want to be math

You say it's more than computation  
Well you know  
We all want to be in ma-ath

But when you talk about evaluation  
Don't you know that you can count me out

CHORUS

Let us sum from A to B  
All night  
Let us sum from A to B  
All night  
Let us sum from A to B  
All night

You say it's on the examination  
Well you know  
We can always drop to arts

You do a volume revolution  
Well you know  
I can't even do it by parts

But if you've got n dimensions for me to integrate  
All I can tell ya buddy is you'll have to wait

CHORUS

You say its just a summation  
Well you know  
It's the infinity part I dread

You say try a substitution  
Well you know  
I'd rather use Maple instead

But if you go doing n dimensions now  
You ain't gonna teach it to anyone anyhow

CHORUS

## Future CS Hack

Hi there, I'm snark, your campus psychic, and I'm here to make your day better and better.

And my aim today is to tell the future of all you CS majors out there. So here we go.

Present position: Nine of Cups

- Indicates a love of sensual pleasures. Obviously you are thinking of Fed Hall and not CS 452.

Opposing Forces: Seven of Wands

- Indicates stiff competition. Careful, lotsa other co-ops want your job at IBM. (Yeah, right)

Foundation: Three of Wands, reversed

- Mistakes made through carelessness. You accidently wrote the wrong job number on your want ads form and IBM is going to buy up your soul.

Recent influences: Ace of Wands, reversed

- A journey put off. Plans to go to the beach this weekend disrupted by (your choice):

1. co-op anything
2. 5 CS assignments
3. the sudden realization that you need C, Fortran, Pascal, Assembler and nuclear physics for CS 452.

Future Possibilities: Ace of Cups

- Breakthrough in spiritual understanding. A night at Fed Hall unlocks the mysteries of all your courses to you.

More Future Possibilities: The Tower

- Unforeseen catastrophe. Unfortunately the same night you spend at Fed Hall will also fry your brain and newfound knowledge beyond recall (at least, until after the midterm).

Your Fears: The Sun

- Achievements in the arts. You fear your highest mark will be in Psych 101.

Friends' Opinion: The Hierophant

- Need to conform. People think you're in CS because you think it's hip to be a geek.

Your Hopes: Page of Swords

- Diplomacy and understanding. You hope your prof has these qualities.

Final Outcome: The Hermit

- 'nuff said

...by the way, just a couple of comments. Your reading had no Pentacles (which indicate wealth and material attainment) but did have four major arcana (which indicates outside forces control your life). Enjoy!

the snark

## Want Ads Awards

The sun is shining, the grass is growing, and all over Waterloo students have been enjoying one of their favourite summer pastimes: checking out the Want Ads. Actually, some of the Ads are sort of interesting, although not deliberately. (Have you ever wondered what would happen if we wrote resumes the way employers write Want Ads?) For example, there are ads that say:

- each student should "shave their own terminal" (Prudential Assurance)
- "the student must have a care to come to work because the location is isolated" (Energy Mining and Resources)

Then, there are the ever-present Jobs from Hell. There aren't too many people who will apply for jobs where:

- duties will involve "movement of the current micro-computers when the corporation moves" (City of Kanata)
- "the student will be responsible for maintenance and housekeeping in the lab"
- "the applicant should not have any allergy to fur-bearing animals" (a CS job) (Health and Welfare Canada)

But there are still some interesting jobs out there. One company wants a student to:

- "check printouts for simple errors and distribute same to central locations"

My favourite, however, is an ad that requests "2 students for May-August". Kind of makes you want to rush out and apply, doesn't it?

Omar and the slave girl



Waterloo Co-operative Residence Inc.

A Housing and Dining Alternative

### Features:

- Student built, owned, and operated.
- Five minute walk to the University of Waterloo and Wilfrid Laurier University.
- Low cost accommodations.
- Organized social/recreational activities.
- Residence rooms (single and doubles).
- Apartments (one to four bedroom apartments available).
- Housing is allotted based on membership seniority and application date.
- Meal plans.
- A place to learn and grow.

For further information write to or call:

Admissions Co-ordinator  
Waterloo Co-operative Residence Inc.  
268 Phillip Street  
Waterloo, Ontario  
N2L 6G9  
(519) 884-3670

## "AN ARTSIE IN THE UW"

With apologies to Sid and Johnny.

I am an anti-MATH,  
I am an engineer,  
Don't know what I'm in, but I know how to fail it,  
I wanna destroy NEEDLESS HELL!

Cuz I wanna be an ARTSIE!...  
An ARTSIE for the U(W),  
I'm passing sometime... maybe,  
I hate C&O and that triple 'E',  
My future dream is a fast BA!

Cuz I wanna be an ARTSIE!!...  
How many ways to get what you want,  
ARTS is the best, as high as the rest,  
I'm in Philosophy,  
I is an ARTSIE!

sung to the tune of ANARCHY IN THE UK

Cuz I wanna be an ARTSIE!!!...  
It's the only way to be...  
This is the place of virtue,  
Or is this that Western U,  
Or is this that Laurier U,  
I thought it was WATERLOO!  
I wanna be an ARTSIE...  
And I wanna be an ARTSIE...  
You know what I mean...  
I wanna be an ARTSIE...  
I'm just a MATHIE... DESCARTES!!!!

The HEDONIST

## Removal of the Alt Groups

As many of you know the alt.\* news tree was deleted from UW computers several weeks ago on the order of Dr. Johnny Wong. Since that time an active discussion concerning the removal of the groups and the manner in which it was administered has developed in the local newsgroup uw.general.

A May 9th Gazette article states that the reasons for removing the alt.\* groups were entirely economic in nature, but provides no accounting evidence to support this claim. A number of postings in uw.general have successfully shown this position to be tenuous at best. Although economics may have been a consideration, there is strong evidence that pressure was put on the administration to remove the groups based on the contents of an article that appeared in alt.sex.bondage in February 1990. By removing alt.\* the administration has effectively censored alt.sex\* and thereby prevented further questionable articles, which that subtree has been known to carry, from appearing on UW's computers.

The Administration has a right to remove the alt.\* newsgroups. However, they should call a rose a rose and publicly state the full reasons for such newsgroup removals and invite users of the news system to comment prior to doing so.

By ordering the deletion of all of the newsgroups in the alt.\* hierarchy Dr. Wong inconvenienced a number of people who regularly read some of the technical groups in the hierarchy. Dr. Gilbert (of Pure Math) was a regular reader of alt.fractals, and expressed displeasure to Dr. Wong at the group's removal. I myself, relied on alt.security for information on UNIX security and used it to try to make certain my workstation was not open to abuse. It would have been more appropriate and professional to state publicly that a decision has been made to delete the alt.\* groups and to invite comment from users to specify which groups they would like to have remain and to give a short argument for their relevance.

The position the University takes is that public money should not be spent to support material that may be offensive to some. Consider, however, any famous obscenity trial. The evidence in such trials is crucial to the prosecution and/or defense and as such should be made available in a library for academic study. Clearly, such material will be offensive to some individuals. Such information is available only if you enter the library and solicit the desired material.

The news system functions in a similar manner—you have to "ask" to read a particular group, and can further screen articles in that group before reading them. If offensive material is present in a newsgroup it will not "just appear" on a user's terminal. The user must request to see it first.

In my opinion there is a strong case for the University calling itself a "common carrier" from the standpoint of the network news services. A

"common carrier" simply provides a service to deliver information, and not to pass judgement on its appropriateness. Individuals that make questionable use of the carriers services are reported to the authorities and it is the job of the police to decide if laws have been violated. Bell Canada and Canada Post are examples of common carriers. If they were not then they would have to examine every piece of mail or listen to every conversation to decide if it is inappropriate for their network.

In dealing with this manner we should realise that the volume of news is going to increase over time. The University does not have unlimited resources to devote to the news service. It seems obvious that cuts in what news groups are received will have to be made on truly "economic grounds" (ie. no more space on disks etc). It seems reasonable to handle such news reductions in a civilised manner with input from the people that use the service the most.

If you disagree with the lack of consultation during the alt.\* removal, and are concerned that future removals will be handled in a similar manner, then cut out the following statement, sign it, and send it to Dr. Wong through on-campus mail.

Dennis Vadura  
CS Graduate Student

To: Dr. Johnny Wong  
Needles Hall 3042B

From:

I would like to voice my disapproval at the lack of user consultation concerning the recent removal of the alt.\* newsgroup hierarchy. Regardless of the actual reasons behind the removal, users should have been informed ahead of time and given an opportunity to air their views.

Newsgroup removals should be announced well in advance and in a public forum. To this end I support the creation of a newsgroup to handle such discussions and announcements, and the establishment of a procedure whereby future newsgroup removals can be handled in a professional and open manner.

Signed, \_\_\_\_\_

# Anne and Dee's Social List Cafe

Student1: What have you got for fun?

A + D: Well we have

- BBQ's and beer
- Frisbees and beer
- Dart tournaments, Volleyball, miniput, and beer...

Bavarians: Beer, Beer, Beer, Beer  
 Beer, Beer, Beer, Beer  
 Beer oh Beer,  
 Wonderful beer...

A + D: Shut up!

Student1: Have you got anything without the beer in it?

A + D: Yeeuuuh!

Student1: What Yeeuuuh? I don't like beer!

Bavarians: Beer, Beer, Beer, Beer  
 Beer, Beer,...

A + D: Shut up!... SHUT UP!... bloody Germans.

Student1: Why can't we do something without the the beer!?

Student2: Shhh. Don't make a fuss. I'll have your beer. I love it.  
 I'm having beer, beer, beer, beer, BBQ, beer, beer, beer, and beer.

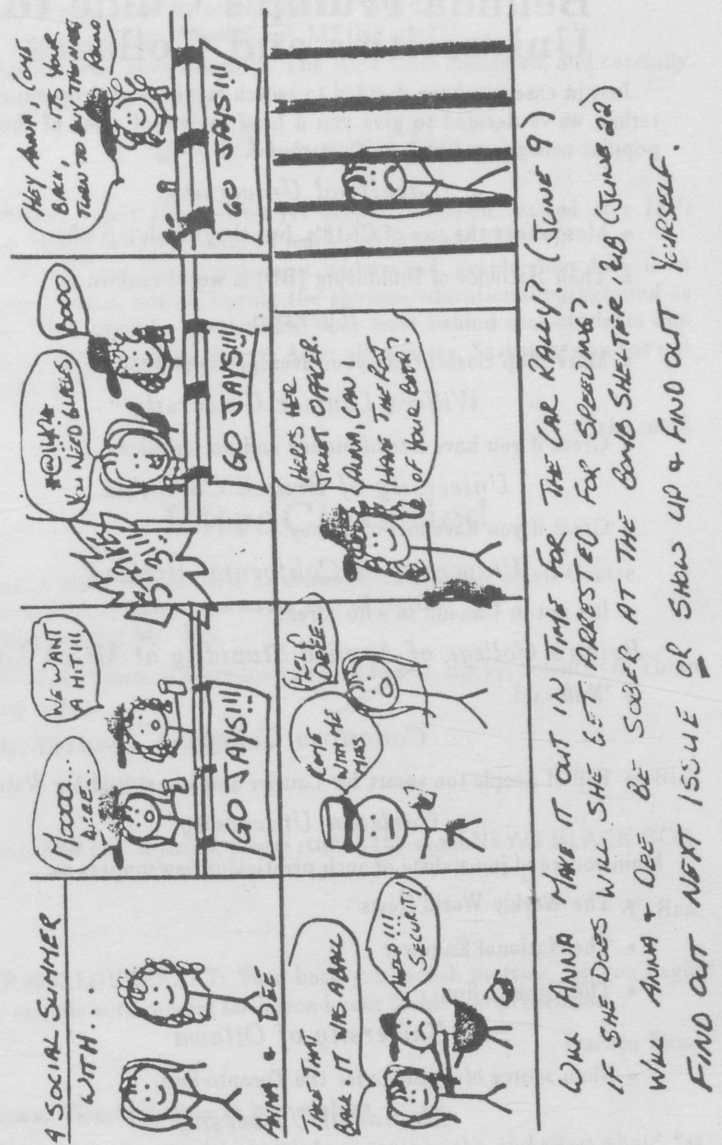
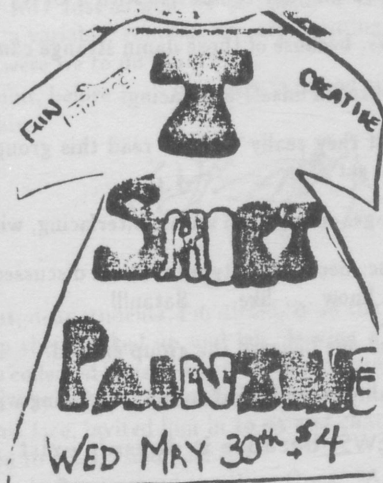
Bavarians: Beer, Beer, Beer, Beer  
 Beer, Beer, Beer,...

-MacGyver

## Have You Seen This Poster?

Or did the killer janitor from hell tear it down?  
 Poster Rippers are everywhere!  
 1 cent reward for all information leading to their arrest. Call 888-SQUEEL

Not A, not B, not C ...



## Vapid Fire

Food Services has announced that its staff will be issued protective "moonsuits" in the near future in an attempt to meet the rising safety concerns on campus. Said a Food Services spokesman "We're doing it to keep the food sterile,... yeah,... for the safety of the students,... yeah, that's the ticket."

Reports of ghost tie sightings have been pouring in to mathNEWS this term. The reports come from students in Prof. Hare's CS 242 class. Witnesses say they appear to be from the same collection that produced the legendary PINK TIE. mathNEWS contacted the head of the department for paranormal investigations, Prof. I.C. Things, for an explanation. Apparently the entire MC is a superconducting antenna for psychic tie activity. "The spirit of the TIE is continuing to grow and is now manifesting itself in these apparitions." said Things.

The controversy continues over EngSoc's changing the name of their (in)famous mascot from "The Ridgid Tool" to simply, "The Tool." One EngSoc representative stated "... if it hasn't been used for 25 years, how can you claim that it's rigid?"

-MacGyver

## Belinda Frump's Guide to Universities and Colleges

Just in case you have decided to switch faculties or drop out of Waterloo, we've decided to give you a brief review of some of the more popular colleges and universities around.

### LakeHead University

- Mosquitoes the size of Cf-18's, but they crash less often.
- Their Bachelor of Bulldozing (BB) is world renowned.

### Ryerson

- More shop classes than your average highschool.

### Wilfred Laurier University

- Great if you have lots of money and no scruples.

### University of British Columbia

- Great if you have lots of money.

### University of California, Berkley

- It's not in Canada so who cares?

### Brian's College of Applied Stupidity at Meech Lake

- 'Nuff said.

### Conestoga College

- Full of people too smart for Laurier and too stupid for Waterloo.

### Carleton University

Main source of journalists of such prestigious newspapers as:

- The Weekly World News
- The National Enquirer
- The Toronto Sun

### University of Ottawa

- Main source of sunshine for the Toronto Sun.

### Memorial University

Most recommended are the courses in:

- Net mending
- Lobster trapping
- Under water basket weaving

### University of Montreal

- Parti, Parti, Parti.

(Can you understand that, Ontarians?)

### Trent University

- It has this great river going through the middle of it.

### University of Guelph

- More breeding animals than Waterloo.

### University of Waterloo

- Basketball.
- Volleyball.
- Fornicating Ducks.

Warning: No Rigid tools allowed.

Don Chuckles

## Dr. Henrik Svensson and Inga

The famous Swedish sexologists discuss your problems (and hamsters) in front of the entire university population

Today's special feature: Dr. Henrik Svensson and Inga's Handy Sex Tips (Oh, what a giveaway-Ed.)

1. Never put a lubricated condom on backwards. (Trust me on this one, guys-Dr. Svensson)
2. A tip for all engineers- for God's sake, TAPE the hamster up FIRST.
3. Use chalk for a better grip. Also very useful for avoiding rope burns.
4. Check all appliances for cracked or frayed cords.
5. Make a note of all exits in the room. You don't want to bump into anything sneaking out in the middle of the night.
6. Do not divulge last name, phone number, address, etc. to avoid possible commitment and/or child support.
7. Verify your partner's sex before turning off the lights. (Or perhaps check the MSDS.)

Dear Dr. Henrik Svensson and Inga:

I have a problem. My boyfriend prefers maple glazed, but I like crullers. What do you suggest?- K.S.T.M.E.

Dear K.S.T.M.E.:

How the hell do you maple glaze a hamster? (Anyone who knows the answer to this question is asked to please contact Dr. Svensson and Inga immediately.)

Do you have a question for Dr. Henrik Svensson and Inga? If so, drop it off in the BLACK BOX outside the comfy lounge, or slip it under the mathNEWS office door. Please do not touch the hamsters.

## Top Ten Reasons for banning Alt.\* newsgroups

- 10 alt.sewing: enough said
- 9 alt.security: Computer security! What's that? Anyone want to break into some US military computers with a U(W) account?
- 8 alt.twin.peaks: because of those damn strange camera angles.
- 7 alt.sex: encouraged unsafe interfacing.
- 6 alt.hackers: if they really want to read this group, they will figure out how to get at it.
- 5 alt.sex.bondage: encouraged unsafe interfacing, with constraints.
- 4 alt.music.misc: because the types of music discussed here is the music of ... you know ... like ... Satan!!!
- 3 alt.atheist: no one believed the group existed.
- 2 alt.sex.bestiality: encouraged unsafe interfacing with engineers.
- 1 alt.mathNEWS: because it doesn't exist.

HobGoblin



## A Course in Simplicity

Joe Froshie, a quaint young lad of just 18 years fresh- and freckle-faced, eager to learn and ready to soar, merrily went to his first class of the term.

"Ah," said Joe, "here be I, in the halls of higher learning, a quaint young lad of just 18 years, fresh- and freckle-faced, eager to learn and ready to soar." He set himself down in the wide and spacious lecture hall (MC 2065) and looked eagerly towards the prof, that icon of (can it be?) higher learning. And it be Prof Forp.

And Prof Forp did stand and call class to order.

"Greeting, oh students, oh fresh- and freckle-faced eager to learn and ready to soar students. This class to which you have merrily come is known as and called to be MTHEL 042. Now, I know many of you are in first year, just recently come to the hallowed halls of higher learning. And I know that there be some Artsies who thought they might impress IBM by having a math course on their resumes. And I know there be some Engineers who wanted a course where the male to female ratio was closer to 7:1. So for these people, I will simplify the course, and not weigh you down with all manner of numerical equations and formulas and such. This course will, in short, be taught in PLAIN ENGLISH."

Joe Froshie, young and fresh-faced, breathed a sigh of relief. His fears of a course wherein he must learn a new formula every 2.6 seconds were laid to rest. Simple, straightforward teaching appeared to be the rule.

"Now, dear students, a simple premise we must all understand before we begin. It is, in fact, a mathematical concept, so we shall take it slowly, lest I inadvert - mistakenly confuse anyone.

"To begin, then, we must understand 'a'. 'a' is a variable, a representation, you see. It may, or may not, represent, stand for, replace, any of a multitude, or any, of a series of numbers. This series, we see, includes reals, wholes, naturals, integers, rationals, and irrationals. Now a variable, for example, 'a', is not, obviously, a real, but behaves like one, rather, you might say, if you've had linguistics, if you haven't we'll find another such example to clarify things, but, you see, a pronoun, for example, 'he', which could mean 'he' but if it doesn't use 's/he', since, after all, this is a bastion of higher learning and we must use precise and perfect language, but, you understand the analogy, that a variable like 'a' is much like 'he'...

Twenty minutes did pass while Prof Forp continued. Joe awoke with a start as the Prof did bark:

"So now! Dear class! We understand what I mean, when I say to you all as I've said how a variable can behave... but beware of the variable may be a constant, you see. Much alike do they look, intents and purposes for all. But if your variable's a constant your equation shall most surely and softly vanish away..."

"And now we have variables three, 'a', 'b', and 'c'. And now, you know, we may add them together, thus; but first, may I ask, have you all calculators? No? Just as well, for as I said, 'a' is not in fact a number, but instead, a variable, standing for, representing and replacing such a thing. Now were we to do thus:..."

At this point, before Joe's very eyes, a scrawl appeared on the board, much like this:

"And that, dear students, I'm afraid, is all the time have we today." Prof Forp then packed up and left, leaving a multitude of 'why?'s behind. Joe collected himself and trod upstairs, seeking wisdom. At last he found his way to MC 3041 and, the Occupants, seeing the bewildered look upon his face, invited him in to sit and chat.

"I've been to class," said Joe.

"Bad mistake," murmured the Wise Ones. "And?"

"I have this," he said, thrusting forth the great scrawl he had diligently copied, pixel by pixel, from the board.

"Ah," said They. "Prof Forp? MTHEL 042?"

Joe nodded, most solemnly. The Wise Ones conferred, and carefully drew out the following:

$$(a+b)+c = a+(b+c)$$

Relief, closely followed by yet deeper confusion, passed over Joe's face. "But," said he, "didn't I learn this in grade 2?"

"Well," said They, "you must understand, people come here from many a place, not all having the glorious educational background as you. Profs must be cautious lest they leave behind such students who learned not wondrous things. After all, you see, Saskatchewan has not Grade 13."

the snark

## UltraClassified

Lost: 1 black Honda Civic Si. Somewhere near the Davis Centre.  
Reward: A Maestro tape and a pair of DOCS.  
Please contact Mr. Jon.

AM 371C: Classical Mechanics or How to be a Rocket Scientist in Three Easy Steps.

Lily, You have a dirty mind.

Rick

Lost: One cat. If found, please stuff in the mathNEWS BLACK BOX.

T. Hee.

HP.9000.LOVECRAFT: Turn back you foolish mortals, for you begin to meddle with powers far beyond your feeble comprehension...

Iyachtu Xvmi

Howie: Good riddance to bad rubbish.

Esther/babe/woman/chick: It's been three weeks, and guess what? "at least" is still TWO words. (And don't you ever forget it).

Fluffy the Wonder Bunny

## Not Just a Rhetorical Question

In answer to those of you who have wondered what would happen if you were to roll your face all over a keyboard:

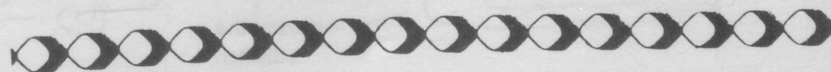
xswbhju0954444jxzdgh89;jmkt6bhyn

WOW! Imagine that!

Fluffy the Wonder Bunny

## Stupid Thought of the Week

One-dimensional Tetris



## Money for Nothing

by the Western Artsies, with apologies to Mark Knopfler

I want my MVT!  
I want my MVT!

Now look at them Mathies, that's the way you do it,  
You solve the problems with the MVT.  
That ain't workin', that's the way you do it,  
Money for nothin' and a life at ease.  
That ain't workin', that's the way you do it,  
Lemme tell ya, them guys are smart.  
They never took no anthropology course  
Their study program was not Arts!  
We gotta flip those hamburger patties  
Fry and salt frozen french fries  
We gotta wear these ugly uniforms  
Just because we don't got no pink ties.

See the little Mathie with the Porsche and the Lear jet  
Yeah, buddy, he's a CS grad  
That little Mathie's got a six-figure income  
Can an Artsie even count to that?

We gotta flip those hamburger patties  
Fry and salt frozen french fries

We gotta wear these ugly uniforms  
Just because we don't got no pink ties.

I shoulda learned to solve an equation  
I shoulda learned to do them sums  
Look at that Mathie and his 40-foot yacht  
Man, I could have some fun.  
And he's up there, what's that? Eigenvalues?  
I can't even add two and three  
That ain't workin', that's the way you do it  
Get your money for nothin' and a life at ease.

We gotta flip those hamburger patties  
Fry and salt frozen french fries  
We gotta wear these ugly uniforms  
Just because we don't got no pink ties.

Now that ain't workin', that's the way you do it  
You solve the problems with the MVT  
That ain't workin', that's the way you do it  
Money for nothin' and a life at ease  
Money for nothin' and a life at ease.

## FeedBach

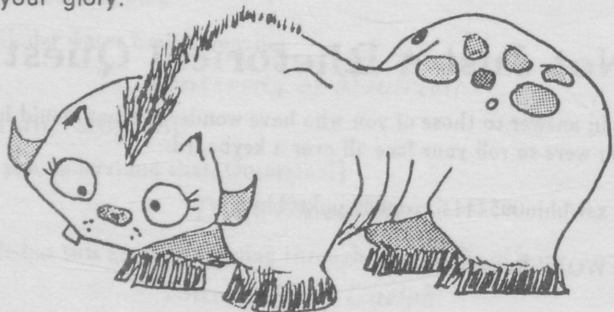
The Great Skeeve

In response to your column in "Karen and Rob's Sex Objects for the Term", I feel that both of you are way off base. In case you haven't noticed, Karen, I am just about the sexiest man alive to date. The reason that I haven't got the notoriety about it, though, is because People magazine has yet to put me on their cover as such (the FOOLS!!) But it will happen! I guarantee it!

Dear Wayne:

Wayne,  
The Sexiest Man To Date - EVER!

Obviously you did not note the requirement for photo/holographs. Thus, I have taken the liberty of consulting an expert handwriting analyser and spiritual reader to determine what, exactly, you look like. And here you are in all your glory:



Right, then.

In any case, Arnie has taken his rightful place as Sex Object for the Term, at least for this issue. Better luck next time,  
yours sincerely,

Karen, the  
ediwitch

## mastHEAD

As the clock strikes 10:58 on this Monday evening and Q-107 pumps out live concert sounds of Ray Lyel and the Storm, and the edidude's eyes rapidly begin to close, and the ediwitch's snark is maliciously degraded by a photocopier, yet another mathNEWS production night draws to an end. With these thoughts, we'd like to thank all those energetic staffers who came out this evening, so that our fellow mathies could have something better to read on Friday morning other than a calculus textbook. Here they are, along with their favourite axed 'alt.' newsgroups:

Christina Caldarelli (alt.3D.chess.dragon), Curtis Desjardins (alt.cs330.sucks), Ed Bourne (alt.swedish.chef.bork.bork.bork), Don Marks (alt.beer.redbaron), John Thoms (alt.neurotics), Stephen Sproule (alt.cult.movies.pornos), J. Wong (alt.sex.aluminum.bat), Lori Boomgaardt (alt.anything.with.a.bed.in.it), Phil Rittenhouse (alt.psych.disorders.sexual.walruses), Bill McEachern (alt.engineer.brain.dead), Kevin Takahashi (alt.arggh.targh.banana!.banana!), Leon Hsu (alt.sex.sheep), Mike Reade (alt.I.couldn't.think.of.anything.interesting), Pete Zettler (alt.sex.wanted), Marc Boudreau (alt.sex.wanted.me.too), Harvey Rook (alt.er.ego), Kevin Santosuosso (alt.internal.organ.rupture), Roger Maxwell (alt.sex.snark.oreo), Rick McTavish (alt.\*), Rob\*n Stewart (alt.test), Betty-Jo Hill (alt.assignments.due.tomorrow.solutions), Dave Weil (alt.spam.spam.spam.gnu.spam), and Alvin Lee (alt.ctrl.del)

Also thanks to Marion at Graphic Services, Gino's Pizza and Q-107.  
Scary thought of the week: By the time you read the next /mN/, the term will be (gasp!) HALF over! See you in three weeks.

The Ultimate Ediduo  
Karen Smith (alt.Disney)  
Rob Del Mundo  
(alt.booze.women.cars.and.anything.else.considered.stereotypically.indulgin