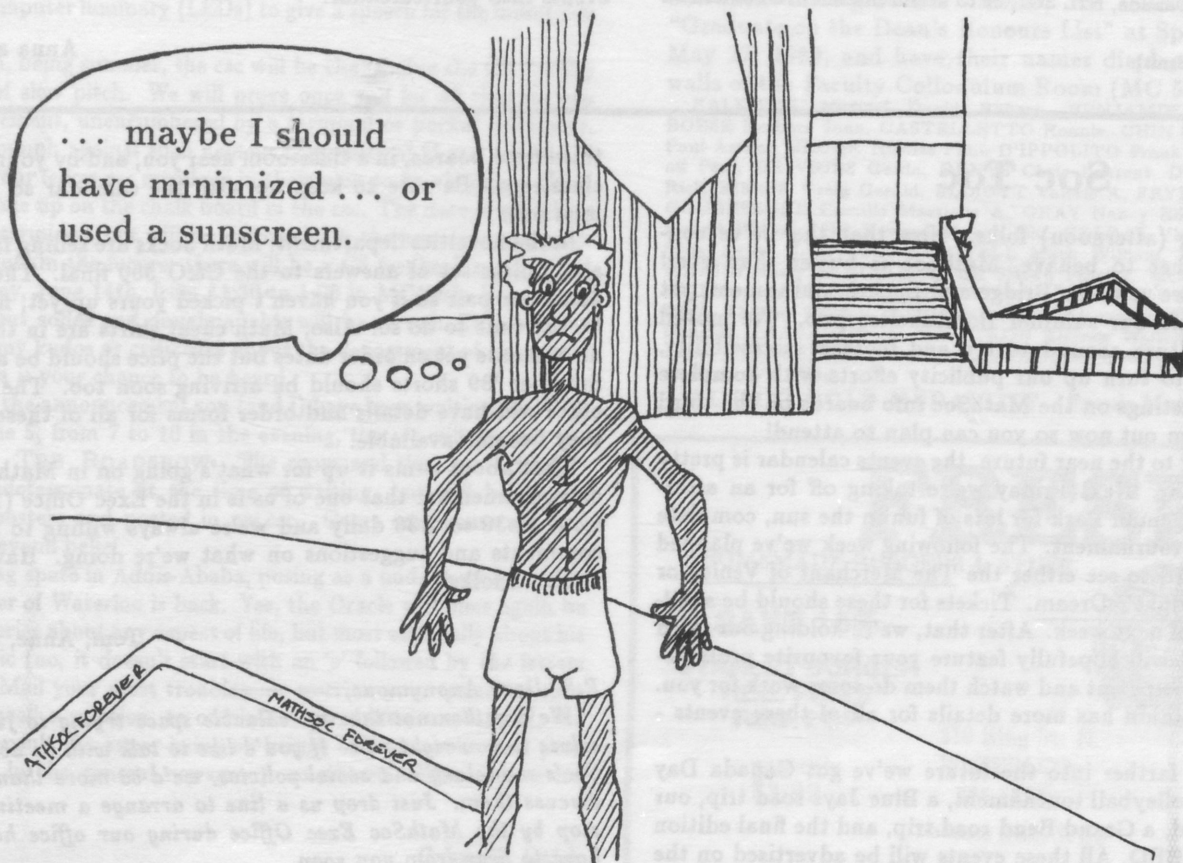
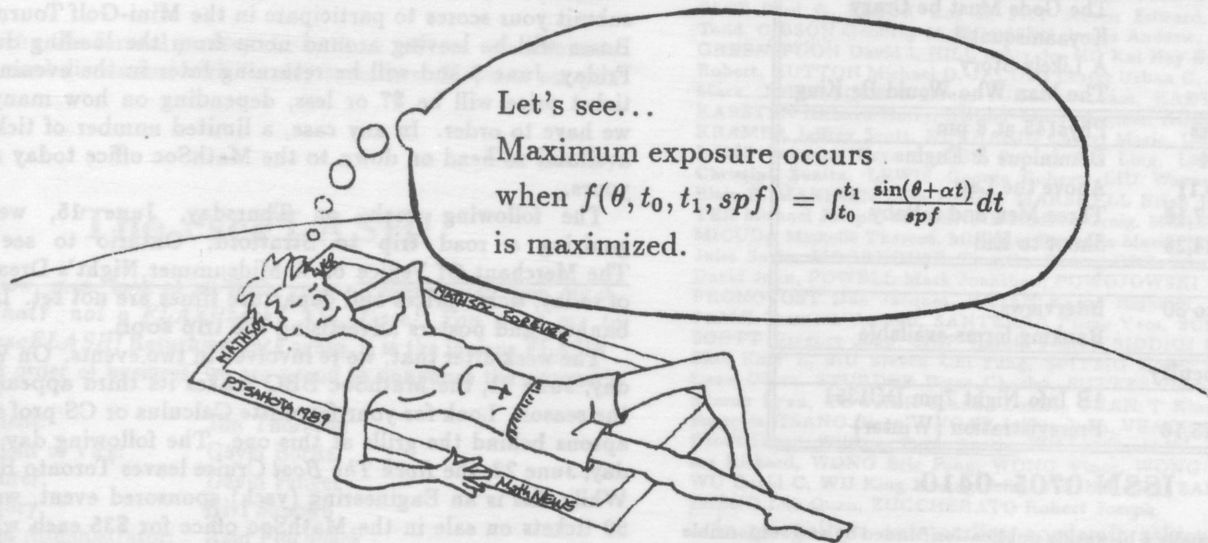


# math NEWS

Volume 50 Number 2

Friday, June 2, 1989



## LookAhead

<b>mathNEWS</b>	
June 19	production nights
July 10,24	
June 23	Issue #3 hits the stands
<b>Cinema Gratis</b>	
June 6	The Twitch The Secret Policeman's Other Ball
June 13	Sleeping Beauty Diva
June 20	The Gods Must be Crazy Koyaanisquatsi
June 27	A Likely Story The Man Who Would Be King
<b>Fed Flicks</b>	
	Phys145 at 8 pm
June 2,3,4	Dominique & Eugine
June 9,10,11	Above the Law
June 16,17,18	Three Men and a Baby
June 23,24,25	Shoot to Kill
<b>Co-op</b>	
June 12 to 30	Interviews
June 29	Ranking forms available
<b>Math Faculty</b>	
June 8	1B Info Night 7pm DC1351
June 14,15,16	Preregistration (Winter)

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Editor: Stephen A. Smith

## Social Says

GOOD MORNING STUDENTS! Oops, sorry. That's probably much too loud for all of you who were out at the Bombshelter last night. We'll try and talk a little bit softer for the rest of the article.

For those of you who have already recovered from last night (dream on) and for those of you who didn't go, it's time to start thinking about our next MathSoc event—Fun In The Sun at Bingeman Park. One price includes transportation to and from the park, unlimited use of bumper boats, the wave pool, water slides, and roller rink, and two circuits of the go-kart course. Unlimited rounds of Mini-Golf are also included and remember to submit your scores to participate in the Mini-Golf Tournament. Buses will be leaving around noon from the loading docks on Friday, June 9 and will be returning later in the evening. The ticket price will be \$7 or less, depending on how many buses we have to order. In any case, a limited number of tickets are available so head on down to the MathSoc office today and get yours.

The following week, on Thursday, June 15, we're organizing a road trip to Stratford, Ontario to see either The Merchant Of Venice or A Midsummer Night's Dream. As of today, ticket prices and departure times are not set. Look for banners and posters advertising the trip soon.

The week after that, we're involved in two events. On Wednesday, June 21, the MathSoc BBQ makes its third appearance of the season. Look for your favourite Calculus or CS prof wearing aprons behind the grills at this one. The following day, Thursday, June 22, the Rock The Boat Cruise leaves Toronto Harbour. While this is an Engineering (yech) sponsored event, we've got 50 tickets on sale in the MathSoc office for \$35 each which includes bus transportation and a gourmet meal. Buses leave at 4:15 and the cruise goes from 6:00 to 11:00.

That should about do it until next issue. We've got a fun-packed summer planned for you so try and fit some of MathSoc's events into your calendar.

Anna and Stella

## Soc Toc

Good morning (afternoon) folks. Now that the we've convinced the weather to behave, MathSoc is busier than ever! Since last issue, we've had a Bridge and Euchre tournament, yet another BBQ, and our summer Bombshelter pub. We moved some office furniture around to try and increase accessibility, and we've tried to turn up our publicity efforts with complete summer events listings on the MathSoc info boards on the third floor. Check them out now so you can plan to attend!

Looking ahead to the near future, the events calendar is pretty much crystal clear. Next Friday we're taking off for an afternoon trip to Bingeman Park for lots of fun in the sun, complete with a mini-golf tournament. The following week we've planned a trip to Stratford to see either the The Merchant of Venice or A Midsummer Night's Dream. Tickets for these should be available by the end of next week. After that, we're holding our third BBQ. This BBQ will hopefully feature your favourite profs behind the grill so come out and watch them do some work for you. Anna's social column has more details for all of these events - have a look.

Looking even farther into the future we've got Canada Day celebrations, a volleyball tournament, a Blue Jays road trip, our Fed Hall weekend, a Grand Bend road trip, and the final edition of the MathSoc BBQ. All these events will be advertised on the

third floor boards, in a classroom near you, and by your favourite class reps. Be sure to keep up with the calendar so you don't miss out.

In the novelties department, Math Socks are selling faster than a complete set of answers to the C&O 350 final. They're only \$3.50 per pair so if you haven't picked yours up yet, now would be the time to do so. Also, Math cheat shirts are in the works - no estimate yet on order dates but the price should be about \$10. Summer '89 shorts should be arriving soon too. The MathSoc office will have details and order forms for all of these items as they become available.

That about sums it up for what's going on in MathSoc these days. Remember that one of us is in the Exec Office (MC 3039) from 11:30 to 2:30 daily and we're always willing to hear your comments and suggestions on what we're doing. Have a great weekend folks!

Tom, Anne, and Peter

P.S. Dear Anonymous,

We'd rather not take up valuable space trying to justify ourselves to you right now. If you'd like to talk with us about MathSoc's monetary and social policies, we'd be more than happy to discuss them. Just drop us a line to arrange a meeting time or stop by the MathSoc Exec Office during our office hours. We hope to hear from you soon.

## Information Night

Thursday, June 8/89 - 7:00 PM  
Davis Centre, Room 1351

On Thursday June 8, 7:00 pm in DC 1351, the Faculty of Mathematics is planning an Information Night for 1B Math Students. Representatives from each Department and the Option programs will be making brief presentations. All 1B students are encouraged to attend, in preparation for Winter/90 pre-registrations, which will take place June 14-16. Come and find out what your choices are for year 2 in the Faculty of Mathematics.

Following the formal presentation, there will be refreshments and informal discussion with faculty members. Hope to see you there!

The Faculty

## The cscFLASH!

Like, wow, man, look at all them groovy colours, man, you dig it, man? *What? not a FLASHback? Oh, I see! You want me to write a cscFLASH!* Returning once again, it is the famous FLASH!

As first order of business, we are proud to announce the summer's executive:

President:	Jim Thornton
President of Vice:	Gayla Boritz
Treasurer:	David Fenger
Secretary:	Kivi Shapiro
System Administrator:	Reid Pinchback
Assistant SysAdmin:	Jim Boritz

Just a short note on last term (See? There *are* FLASH backs!): we had a visit from Bill Gates of Microsoft. He gave a successful speech to 150 people in the Theatre of the Arts in January. Chalk this up as one more computer luminary (LEDs) to give a speech for the inimitable csc!

This term, being summer, the csc will be challenging the CS Faculty to a game of slow pitch. We will prove once and for all that we can display movement, unencumbered by a terminal or pocket calculator, and even triumph against such heinous competition! If you too would like to join your fellow csc members in their soon-to-be-victorious glory, sign your name up on the chalk board in the csc. The date of slaughter is not yet determined, but will be announced in the news group uw.csc.

Other events in the future: there will be a CS feedback session held on Wednesday, June 14th, from 11:30 to 1:00 in MC4081. Bring your own lunch, but coffee and doughnaughts will be served. Come on out if you have any kudos or criticisms about the department of Computer Science. This is your chance to be heard.

And now, the announcement you (and I) have been waiting for. This Monday, June 5, from 7 to 10 in the evening, the csc will present the SIGGRAPH, THE ROADSHOW. The room and time are actually somewhat indeterminate at the time of writing, but will be clearly marked on posters and posted in uw.csc. Come one, come all, and be dazzled beyond belief.

After a long spate in Addis-Ababa, posing as a nude horse groomer, the soothsayer of Waterloo is back. Yes, the Oracle will once again be accepting queries about any aspect of life, but most especially about his favourite topic (no, it doesn't start with an 's' followed by the letters 'e' and 'x'). Mail your most troublesome worries, your questions that most direly need a solution, to oracle@watcsc. After meditation, the oracle will consult the super-being or beings of your choice and post the response in the general newsgroup on watcsc. Watch there for more details.

Calum T. Dalek

## Faculty Of Mathematics Dean's Honours List

In recognition of outstanding academic achievement during the Winter/89 term, the following students qualified for the Dean's Honours List.

BARBER Susan, BENJAMIN Gavin Stanley, BOLDRINI Mary Ginetta, BOSNICK Steven George, BRENNEMAN Tracey L, BROCKINGTON Mark Gordon, BRUNSTING Raymond Joe, BRYAN Tracey Lynn, CANE Peter Allen, CARETTE Jacques Jr, CHAN Man Chung Marvin, CHAN Tsz Kin Michael, CHONG Glenn, CHOY Kuen On Ben, CHRISTENSEN J Daniel, COOK David Gary, CUNG Vinh Khon, DEMAITER Elaine Mary Rose, DENGLER Edmund Andreas, DIETRICH Terry Francis, DRAZILOV Mita Dimitrije, EDELSON Robyn Arlene, ENGLANDER Mathew Blair, FAST Paul G, FLECK Roy E, FRY Steven Edward, GAMBLE Steven Todd, GIBSON Geoffrey M, GOOSSEN James Andrew, GOYER Stephane, GRENSPOON David I, HILL Betty-Jo, HO Kai Hay Eric, HODGE James Robert, HUTTON Michael D, JACOBS Lester Urban C, JOHNSTON Ricky Mark, JOHNSTONE J Doug, JUDSON Adam, KAETHLER Neil Rudy, KARSTEN Richard Harry, KELLY Mary Virginia, KOELLER Judith Ann, KRAMER Jeffrey Scott, KUCHARIC Cheryl Marie, LAM Wilson Chi Ko, LAMB Julianne Krystal, LEE Robina Kit Ling, LEE Simon, LESLIE Christina Sunita, LEWIS George Robert, LIU Wayne Biao, MADORE Blair F, MAKINEN Liisa Helena, MARSHALL Brian Robert, MCALLISTER Michael Joseph, MCKENZIE Andrew Craig, MEREU Stephen Wesley, MICUDA Michelle Theresa, Mirander Roxanne Marie, MONTEIRO Manuel Jules Savio, MOORHOUSE Timothy Bruce, ORR Scott Patrick, PAVAN David John, POWELL Mark Jonathan, POWOJOWSKI Miroslaw Ryszard, PRONOVOST Dan Jacques, RAJAN Karim Rajabali, RUSSO Giuseppe, SAMJI Tazmeen Amiral, SANTERRE Pierre-Yves, SCHRANZ David W, SCOTT Gregory John, SHIP Harold Jeffrey, SIDDIQI M Faisal, SIMONSEN Katy L, SIU Steven Chi Fung, SPITZIG Roger John, STOTHERS Lynn Diana, STURDEE Peter Charles, SUTTER Herbert Peter, SWIFT Sharon Lynn, TOWNER Joanne Louise, TRAN T Kim Chi, TRUCHON Francois, TSANG Glenn, UNGAR Jeffrey John, VEACH Eric Hugh, WIEBE Paul Edward, Williams Peter Austin, WILLIS David Timothy, WILLMS Allan Richard, WONG Eric Fong, WONG Vince, WONG Yuen Ming Sakie, WU David C, WU King Kwong Felix, YEUNG Alex, ZAKINTHINOS Aris, ZHENG Luo Quan, ZUCCHERATO Robert Joseph.

In recognition outstanding academic achievement during the Fall/88 term, the following students have been added retroactively to the Dean's Honours List.

MEGENS, Robert F, BRUNSTING Raymond J, STOTHERS Lynn D.

In recognition of outstanding academic achievement throughout their undergraduate careers, the following students will "Graduate on the Dean's Honours List" at Spring Convocation, May 27, 1989, and have their names displayed in gold on the walls of the Faculty Colloquium Room (MC 5158).

BALKWILL Michael David Robert, BENJAMIN Anthony Justin, BOESE Barbara Joan, CASTELLETTO Ronnie, CHIN Paulina, COLLEY Paul Arthur, CROOK Nicolas Paul, D'IPPOLITO Frank Mark, DAHL Geoff Paul, DE VRIES Gerda, DENYS Chris Laurent, DUNSEITH Martin Rick, EISLER Craig Gerald, ELLIOTT Valerie A, FRYER Paul Kenneth, GOUDESEUNE Camille Martinus A, GRAY Nancy Elizabeth, HILCHIE Robert William, HO Howard Sheung Chi, KOLBAS Vladimir, LEE Shan Shan Agnes, LEE Therese, LOVELL Mark William, MACBEATH Ian, MATSUI Barry K, MCALLISTER Shawn Patrick, MCINTOSH John A, REILLY Ian William, RUBIN Sara Louise, SCHOEDEL Kevin Paul, SHELLOW Thomas Gordon, SUMMERS James Alexander, THACKER Robert Douglas, TRABANDT Jan Uwe, TRON Andrew Walter, USCHOLD Carl Alois, WALTER Gottfried Robert, WILLISON Deborah Suzanne, WONG Anthony Wai Ming.

ALUMNI GOLD MEDALLIST - Frank Mark D'Ippolito

# FRESH!

HOMEMADE BURGERS & STUFF

SAVE 18%

STANLEY BURGER  
REG. FRIES  
REG. POP

now only  
\$3.99

210 King St. N.  
WATERLOO  
885-1850

across from WLU



"taste the difference of a freshly made burger"

## Prof Quotes

*All the World's a Stage ...*

... and our profs are apt to blow their lines. Here are some of the funnier goofs and guffaws so far. If you think that your prof is funnier than those listed here, make sure you submit quotes in the BLACK BOX across from the Comfy Lounge on the 3rd Floor or under the mathNEWS(MC3041) door.

"This may be somewhat of a snowjob, but who cares - it's only the first lecture."

M. McKiernan, AM 362

"I mean, the air molecules aren't sitting around saying, 'Hey that corner is a little empty; someone had better go over there.'"

C. Cutler, STAT 333

"The secrets of the universe are eigenvalues and eigenvectors."

Dickey, MATH 134B

"I hate to mention real life in the physics building."

K. Woolner, PHYS 122

"Why am I using algebra in a calculus course? That's cheating."

E. Moskal, MATH 134B

"If you write this down, you won't understand it."

M. McKiernan, AM 381

"So here's an example using infinity-by-infinity matrices. Leave lots of room on your page."

P. Hoffman, MATH 144B

"f and g—or q, which ever you think that letter is ..."

I. McGee, MATH 130B

"I feel like Elizabeth Taylor's most recent husband on their wedding night ... I know what I have to do, but I don't know how to make it seem new."

J. Aczel, PMATH 352

"My goal is to get everybody to switch to an easier course. Then I won't have to give any lectures."

K. Rowe, PMATH 344

"Since this not a course in P.D.E.s, we simply write down the answer—which I looked up."

M. McKiernan, AM 381

"I really should call this a theorem, but then I'd have to prove it so I'm just going to call it a fact."

C.A. Colbourn, MATH 134B

"John Maynard Keynes figured he did poorly on the economics part of his exam because he knew more about economics than his teacher. By the way, if any of you guys get that impression, you're dead."

E. Adomait, ECON 102

"In honour of the event at the Bombshelter on Thursday, class will be cancelled on Friday morning."

Whitney, STAT 231

"I couldn't tell whether you were looking at your finger or giving me the finger."

J. Aczel, PMATH 352

"Did I hear someone back there say 'Nerd's equation?' No, no, I said Nernst equation."

D. Crowne PSYCH 261

"I know this is a terrible transparency, but since we are talking about visual defects, I thought it would be appropriate."

D. P. Crowne PSYCH 261

"... if the concrete blocks are one inch too short they fall off. If anyone is underneath, that is rather a nuisance."

W. Cherry, STAT 332

## '90 Grads

This is Kelly, your Grad '90 chairperson for this stream. It's hard to believe that plans for your graduation begin now. Here's a rundown of what's happening now.

Grad photos are currently in process and will continue until June 6. You must get your photo taken now in order to be included in the yearbook. If you have not signed up, please see the Grad Bulletin Board and choose a time for Monday or Tuesday. Even if you don't want the pictures, get one photo taken for the yearbook.

Yearbooks will go on sale next week for \$20 each. You must order this term as they will not be on sale in the winter term. Blurb forms for the yearbook will be handed out at your photo session, and must be handed in by Friday, June 9 in the yearbook mailbox in MathSoc.

Upcoming events are the pizza & hotdog days to raise funds for your grad ball. As well, watch for information concerning the first grad social event. Come out and join the fun!

If you wish to participate in fundraisers or have ideas regarding fundraisers or social events, please leave me a note in the envelope outside the Math Grad Office (MC3042). Anyone with ideas for the Math Grad Shirt can submit their ideas to MathSoc.

Well that's all for now but watch for more exciting bulletins throughout the term.

Kelly

## Integer of the Week

28

## Limerick of the Week

A president named Noug Bright  
Stays up late in the night  
To think of a way  
To make students pay  
For basking in his great guiding light.

The Rubber Mallet of God

## Applied Math and Co-Op

Are you in Applied Math? Do you go through Math interviews because you're in Math? And because nobody in Co-operative Education ever told you otherwise? Next time around switch to the Engineering Want Ads. (Yes, they let you do that. They might even ask why the hell you went through Math interviews before.)

Nobody told me to switch to Group II. Here's the kicker: Group II is titled "Engineering, Environmental Studies, Applied Mathematics, Applied Science."

Why switch to Group II? Because unlike Group I, they're not programming jobs disguised by "Discipline: AM".

Look at this excerpt from a job description from National Research council:

"The student should be familiar with applying differential equations to the solution of physical problems and, in particular, with the implementation of the techniques to program computer models of the systems under study."

Sound a bit closer to home? Next round of interviews, check out Group II.

3A Applied Math student who went through Group I twice too many

## Top Ten Reasons Sheep Don't Read Imp'tint

10. They don't like the record reviews.
9. It tastes better than it reads.
8. It costs more than it's worth.
7. They're too busy filling seats at the Arts Lecture Hall.
6. They have a headache.
5. The Imp'tint doesn't accept articles from sheep.
4. They really don't like the record reviews.
3. Their boy friends want them to read Iron Warrior instead.
2. Sheep can't read.
1. mathNEWS comes out on Friday!

crash and burn

## Sports

The Habs lost. Lanny was happy. The Jays won. Cito was happy. Anything else matter?

An unconcerned citizen

## mastHEAD

Hope you're all having an excellent summer dudes! Things went pretty smoothly this week, thanks to all who came out: Dave Weil, Tom Sturrock, Paul Sauvé, Mike Nidd, Andrew Tron, Karen Wasslen, Dave Balkwill, Eric Kinoshita, Kivi Shapiro, Carolyn Duke, and Paul Sahota. Thanks for the submissions (it wouldn't hurt you guys to submit stuff other than prof quotes in the BLACK BOX, like articles or letters, hint, hint). Thanks also go to Gino's for the pizza, the turnkey who wrote down all the fed flicks for me, Marion and Graphics Services, and DCS and the I/O room people.

Party on!

Stephen A. Smith

## The Music Man's Modern Dictionary

The last few years of progress (?) and technical advancement (??) have provided us with a redefinition of some terms from the old days. For those of you who may not have kept up with the developments, here are some of the new commonly accepted meanings:

**synthesizer** a programmable device which allows the user to fake a small amount of musical talent and/or knowledge

**alternative music** a conglomeration of noises providing an alternative for people to listen to who have little or no interest in music

**drum box** the container which the original drum set came in, it is often banged against the wall as a percussion instrument by people who can't afford (or more often, understand) the real thing

**bass** an instrument for providing a good driving beat for the song, it is easily distinguishable as it is usually played ten times as loud as any other instrument

**harmony** a collection of notes and/or chords which, along with the bass line, provides a good but simple rhythmic foundation for a song

**melody** the real meat of the song, it sets a complicated pattern which is pleasing to the ear, and distinguishes it from other songs. Note: not in popular use today.

**solo** a long period of time during which only one musician plays, showcasing his talent while the other band members grab a beer

**guitar** a musical instrument often used to produce the melody or a solo, it has been mastered by very few musicians. It is extremely versatile and can be played with the teeth, the edge of a chair, by banging it against a speaker, or occasionally with a pick.

**musical speaker** a device which emits loud noises which are pleasing to the ear—not to be confused with a political speaker

**musicians** a bunch of guys who make millions of dollars by standing on stage and having fun

**critics** a bunch of guys who lack the talent to become musicians, and resent it. They take out their frustrations by attacking those who are better than they, and supporting those who are inferior to anyone else.

**rating scale** a complicated method invented by critics by which to give a numerical value to a group. To get the real rating, square the indicated value, take the reciprocal, and multiply by 10.

**rag** 1. a form of jazz music, 2. any publication employing critics with a particularly stupid rating scale.

**rock 'n' roll** an ancient form of music which has been restricted in modern times to home stereos, St. Catharines radio stations, and some nights at the Bomber

**thrash** a sequence of noises made at extremely high speed - mainly found in homes of young teenagers

**trash** a sequence of noises made at seemingly random speed and frequency - found at Fed hall and other "modern institutions" for the musically bewildered

The Music Man

## Want Ad Awards

### Aren't these mutually exclusive?

Canadian Broadcasting Corporation (Programmer)

The CBC will consider candidates with the following qualifications:  
- exposure to a high level language, preferably BASIC...

### In case there was any doubt:

Harrod and Mirlin (Retail Field Merchandiser)

... A valid driver's licence and clean driving record are mandatory.

### Hash-Slinging Award

Ontario Ministry of Transportation (Marketing Assistant)

... Duties includes; working extended shifts at truck stops in Kingston and Chatham; ...

### Shortest Ad Award

Public Service Commission Canada

Utilizing commercial database software, set up a database application for use in the DTO 2 policy /ops section.

### Two heads are better than one

Xentor Associates Inc (Programmer/Editor)

... With your left brain, you'll figure out how to best use the capabilities of our authoring programs to provide the special features we want in our courses. And with your right brain, you'll design text and graphic screens to convey the story and concepts in an appealing manner within the limitations of the client's delivery system.

### The Gofer Award

Public Service Commission Canada

1. Reading, selecting and clipping appropriate articles and editorials from daily newspapers and periodicals of importance to the Ministers and the Department.
2. Preparing and distributing press clippings daily package, transcripts and other information to the Minister's office and senior management of the department by 9:00am daily.
3. Filing material in appropriate subject clipping files for cross-referencing and retrieval.
4. Answering information requests from the Minister's office and departmental officials by searching files for appropriate material.
5. Perform other related duties.

### Can't get more specific? (government secrets?)

Public Service Commission Canada

- Develop Application software on Macintosh computers using Fortran, Hypercard.

- Run various applications on Macintosh computers.

### Money Back?

Stratford Central Secondary School

... We guarantee a successful, fulfilling experience for all applicants accepted.

### Needles Hall Typo Award

Thomas A Stewart Secondary School (Teacher Intern)

... This academic school has slightly over 1000 is conducive to many outdoor activities such as 1 Principal, and 2 Vice-Principals. The traditional sports. Peterborough offers good, Assistant Heads, 3 full time Math teachers and 5 physical activities while maintaining a community The successful applicant will:

1. have the opportunity in assisting or

JOB DESCRIPTION: the more junior advanced courses or any of the the following:

### And in your spare time ...

Queen Street Mental Health Centre (Recreation Assistant)

Duties and Responsibilities:

1. Under the direction and approval ... plan, organize and implement ...
2. Consult with the recreation instructor and the treatment team to determine the physical and social needs of the clients. ...
17. Keep abreast of recent trends and practices in leisure education and recreation programming.
18. Other related job responsibilities.
19. Must work evenings and weekends as assigned/required.

## Vapid Fire

- University of Waterloo Security has announced that revenues were up 58% in the first quarter of 1989, led by a 77% increase in towing charges and an incredible 129% surge in parking tickets. Shares in the corporation will soon be available on the TSE under the heading *U W Scary*.
- In a related announcement, on-campus theft, rape, and vandalism were all up five trillion per cent, apparently due to the lack of patrolmen outside of No Parking areas. Head of security Eugene Lughead 'Gee, I'm impressive aren't I? Schmuck commented that "We don't worry about such things; that would be mind-taxing. But hey like look what we're doing about university underfunding!!"
- Imp'tint record and film critics totally panned the new movie *No Holds Barred* and the accompanying soundtrack, claiming that it was too mainstream and not alternative enough. Hulk Hogan, star of the movie, responded "Whatcha gonna do when the largest arms in the world rock 'n' roll on you ?!" I don't know about you but I can't wait to see!
- George Bush and Mikhail Gorbachev will hold a joint press conference tomorrow to outline details of the new treaty. All armed forces will be recalled to their countries, armaments will no longer be built or sold, and peace and natural brotherhood will befall the entire world. However, there was still no decision on short-range nuclear weapons.

- Needless Hell surprised everyone today when they decided to screen want-ads for the coming terms, printing only those ads which describe significant educational jobs, or at least are legible and grammatically correct. McDonald's has announced that even they cannot take up the slack for all those unemployed students. By the way, the increase in fees for this wonderfully marvellous and completely worthwhile service will only be \$68.

#\$!&((

## \*\*\* Late Posting \*\*\*

CANADA POST

Mailroom Engineering Assistant  
Ottawa

Discipline: CS,EE

#CUPWSCKS

Level: Any

Co-op required to arrange mail into previously researched patterns with other technical engineers. Must possess ability to learn quickly to operate bag and parcel sorters while maintaining a minimum level of brain activity. Must be unsatisfied with \$13.25 an hour and be willing to strike at any time. Must take four hour lunch breaks and not work past 4:00pm as there is no allowance for overtime. Good marks are not an asset.

Sludgebucket

## mathNEWSquiz #2

Hi there! Me again with your fun-filled Friday morning quiz. I hope y'all had a nice few weeks and that you will continue to do so until death . . . er, midterms arrive. I've had a great few weeks, you'll be glad to know. So now I'm in a good mood and can walk around and be bubbly and smiley and cheerful to everyone. So, if you see me around, don't forget to be smiley back.

I'd like to say hello to Chris and John. Thanks guys!

And now for the disgusting results of last issue's quiz. We had two that's right *two* disgusting and perfect solutions last week. My editor insists that I must give out the prize as promised, so even though we all know you cheated, I'd like the anonymous engineer and The Anderson Annihilation to come to MathSoc during office hours to pick up your stupid prize. Acknowledgements also go out to The Hooded Fang, Dadmo, Rat and Rexxon, who got 12/16 correct - a truly bodacious effort! and to Paul Skcratch, also with 12/16 correct, The Pup with 8/16 correct, One armed Phil (welcome back!!) with 8/16 correct, Deisel, who got 5/16 correct, and Ian McLellon, who got 3/16 correct. Ian, if you're going to do so badly, I suggest you make up a pseudonym so that all your friends don't laugh at you.

Solutions to last issue's quiz are:

1. Tears are not Enough by Northern Lights.
2. Dartford, England
3. Paul Simon
4. Bachman Turner Overdrive
5. Marilyn Munroe
6. Hal Linden
7. Gordon Sumner
8. Vincent Furnier
9. The Canada-U.S. border
10. Manitoba
11. Iran and the USSR
12. Off the north shore of Cuba
13. The Supreme Court of Canada
14. Toronto Hospital for Sick Children
15. They were the last two people executed in Canada
16. Stephen Truscott

And now, on to this week's squiz . . . to those of you who got perfect last week, I challenge you to do it again!

## Sports

1. Who was the leading North American Money-Winning jockey in 1977?
2. Who was the Canadian Alpine Skiing Champion in the downhill division the year *before* Steve Podborski claimed it?
3. Who was the last Canadian female world figure skating champion, and when did she hold this title?
4. What country won the Silver in Archery in the 1988 Summer Olympic games?

## Film and Industry

5. What was the Canadian Film Award statue called before it became the Genie?
6. Which actor refused the Academy Award for best actor in 1972, and what was the film?
7. What was the 1970 Cannes Film Festival best film?
8. How many awards were given out annually at the ACTRA Awards (now known as the Gemini Awards)?

## Television

9. How many years has Definition been on T.V.?

10. For how many years, after losing the first-place position, did All in the Family appear in the Nielsen ratings top ten?
11. Since 1970, only one pair of shows, one a spin-off of the other, has appeared in the number one spot of the Nielsen ratings. What were they?
12. How many times does the Super Bowl appear in the Nielsen All Time top 35 T.V. shows?

## Pot Pourri

13. How many Canadian Opera Companies are there in Canada?
14. What is the leading Canadian daily newspaper?
15. What colour does the chromosphere appear to be during a solar eclipse?
16. Who was the Pope in 1939?

Shooter  
The mathNEWS quizmaster  
(That's me!)

## Waterloo Girls

Well, Queens' girls are so hip, I really  
Dig those styles they wear.  
And the Windsor girls, with the way they talk,  
They knock me out when I'm down there.  
In Guelph, the farmer's daughters really  
Make you feel alright.  
And Laurentian girls, with the way they kiss,  
They keep their boy friends warm at night.

## Refrain:

I wish they all could be from Waterloo  
(I wish they all could be from Waterloo)  
I wish they all could be from Waterloo!

Well, Western's got the sunshine, and the  
Girls all get so tanned.

I dig a French bikini on a yuppie babe,  
That Censor Board would have banned.  
Well, I've been all over this great province,  
And I've seen all kinds of girls.  
I just wonder what they're not doing here,  
With the greatest guys in the world!

## Refrain:

I wish they all could be from Waterloo  
(I wish they all could be from Waterloo)  
I wish they all could be from Waterloo!

Loo, loo, loo, baby, I wish they all could be from Waterloo.  
[ad infinitum, QED]

Deepthot

## Proof of the Week

Finally, it is featured in **mathNEWS**, the series which has yet to be evaluated by anyone:  $1 - 1 + 1 - 1 + \dots$ . This series has stumped the greatest mathematicians in history. Depending on how the terms are grouped,  $(1-1)+(1-1)+(1-1)+\dots = 0$  or  $1-(1-1)-(1-1)-\dots = 1$ . Which is the answer?

Now starts the solution. Let  $S = 1 - 1 + 1 - 1 + \dots$ . Thus  $S = (1 - 1) + (1 - 1) + \dots$  and  $S = 1 - (1 - 1) - (1 - 1) - \dots$  so adding the two gives  $2S = 1$  or  $S = \frac{1}{2}$ . Amazing! Therefore the sum of the series is actually  $\frac{1}{2}$ . Thus proven that  $1 - 1 + 1 - 1 + \dots = \frac{1}{2}$ .

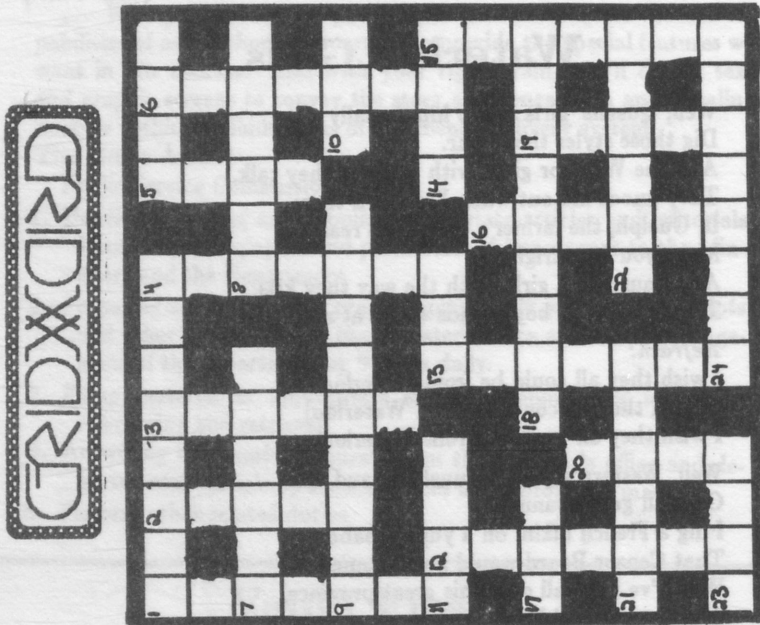
A Descartes Fellow

## Not The Nine O'clock Gridword

Name: \_\_\_\_\_

Favourite  
Beer: \_\_\_\_\_

Comment: \_\_\_\_\_



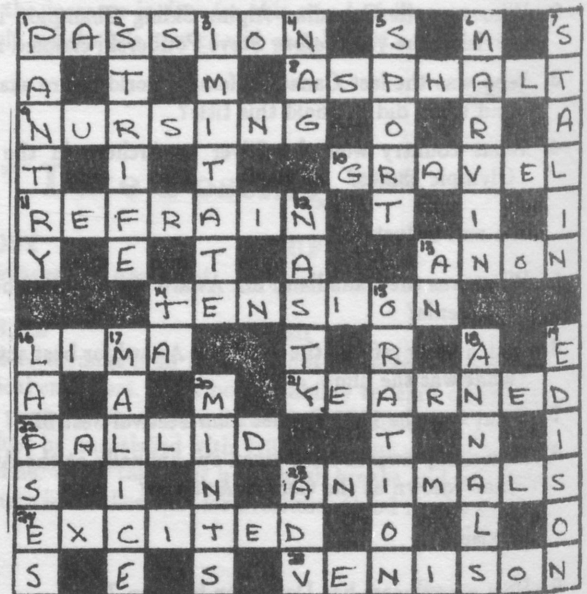
### Cryptic

#### Across

1. A tenth of the metric on the choice (8)
5. Used to be a soft colour at Christmas (4)
7. Drive through me, for I have no colour (6)
8. Criticize the chips for fears (6)
9. NASA's fifth shuttle attempt (9)
10. No thanks, we're British! (3)
11. A condom made of continental iron (4)
13. Legal lass (3)
14. Is the queen into brew? (4)
17. An apple I see with my little eye (3)
18. Approve cricket innings on these religious holidays (9)
21. Both the Louvre and the L.A. ball-player are this (6)
22. Slip no donut on the vehicle (6)
23. Annul the international organization act (4)
24. Meddled with that which is currently in the bank (8)

#### Down

1. Five hundred streams of clubs (7)
2. Archer is wet, measure the wizard's land (5)
3. Tailless helmsman can sun Knopfer's swinger (6)
4. Pet oil plan song about voyager's destination (7)
5. Needle periodically for a perfect size of beer (4)
6. Conceal a south-eastern island (7)
12. Buddin' pill (7)
13. Frankly, I don't give a damn what colour it is (7)
15. Answer about the directional water (7)
16. Glance above the table (6)
19. Senior goes up the crimson article (5)
20. Head topping from a leaf rocket (4)



Well, hello all you GridDoers out there. Thanks for coming out. There were nineteen submissions last week of which only was errant. That's pretty good but heh it was a relatively easy one. Now that you're all back into the spirit of grids (and hungry too I hope, since they only come out every THIRD week now - budgetary constraints), it's time to start to separate the men from the engineers. This week's will be a little harder, and so on.

Last week's submissions were submissively submitted from: Ian McLellan; Ann Droolang; Captain Vandergraaf [PS - its spelling, not mine]; fletniowski [PS - The Veteran]; Mark Earnshaw; Jammer; The Pup; P & Ron; Paul Skratch; Implacable; ICER; dB; Robert "Pepsi" Palmer; Thinkdude; Arthur Dent; Boo-Boo, Snagglepuss, Yogi, and the Forest Ranger; Deisel; Chris Shapiro; and Me too.

The favourite relacements were not very imaginative (I had in mind something like a boat anchor or a small piece of green putty), here are the nominees: Jay Gibson; Elmer J. Fudd, Millionaire; Mitsou; Zaphod Beeblebrox [PS - he can't be bothered with a paltry planet, let alone a country]; Don Cherry; Pierre Trudeau; Paul Martin, enrolled in 3A Sys. Des. Eng. [PS - then shoot him]; Elric; Jammer; Calum T. Dalek; John Cleese; Paul Skratch; WC Tipper; Ed Broadbent (Oops! He's leaving too!); Dagwood; and two votes each for Jimy Williams and Bugs Bunny [PS - rather symbolic, eh?].

Thy comments: Best understood when drunk; First cryptic attempted, first cryptic completed [PS - see previous comment for future success]; Vote for Paul Skratch, if you don't no one will; No more farms please, I bought enough of them last term!; Whats my comment, Jim?; Beware the watcher!; Back in school, back doing GridWord; Eh, what's up Doc?; What ever happened to Doctor and the Medics?; math-NEWS needs a ruler [PS - GridMasters RULE!!!]; Digital watches are a pretty neat idea; First time we've completed one. It took us 5 days but we did it; Why do they call them apartments when they're so close together?; This is my first GridWord. Brilliant in a twisted sense.

BTW, that's five people with nothing profound to say AND the ability to say nothing when they have nothing profound to say. Please report to the candidates' meeting immediately. Oh, and for those of you with bated breath, this week's winner is Thinkdude. Thou canst picketh up thy glorious prize at MathSoc.

PSYDA

P.S. See last week's P.S.