



math NEWS

Volume 62, Issue 2

Friday, 4 June, 1993

lookAHEAD

mathNEWS	
June 9	Issue #3 Writers' Night 7:00pm, abel lab (MC 3008A)
June 14	Issue #3 Production Night 7:00pm, abel lab (MC 3008A)
June 18	Issue #3 hits the stands
Math Faculty	
June 9-11	Winter Term Pre-Registration
MathSoc	
June 9	MathSoc meeting 4:30 p.m., MC5158A
June 16	Another MathSoc meeting 4:30 p.m., MC5158A
Co-op	
June 18	Interviews end
June 25	Job Match Results



CSC Flash

The use of Schrödinger election boxes for our elections was very successful. After looking in each box the names of our current Exec became clear. The results of these Schrödinger elections are as follows:

- President: Shannon Mann, Acclamation.
- Vice Prez: Alex Brodsky, Schroedinger election.
- Treasurer: Mark Tompsett, Schroedinger election.
- Secretary: Courtney Weaver, Acclamation.
- Sys Admin: Ian Goldberg, Appointed by the Exec that be.
- Off Mgr: Dima Brodsky, Appointed by the Exec that be.
- Librarian: Michael Van Biesbrouck, Appointed by the Exec that be.
- CSC Goddess: Sharlene Schmiechel, Chosen by the CSC Exec. (Note: This took longer than all other elections combined.)

Rounding out the field is a selection of office staff which dutifully keeps the office open for all. It is still not too late to become a member of the CSC. The use of our extensive library, Wyse terminals, and our CSC stapler is more than enough to justify our small fee of two dollars. And of course we are still selling disk quota at \$2.50 per meg + \$1 administration fee per transaction. If you buy more than 20 megs, we pay the \$1 fee. And if you have problems with CS assignments, the CSC office staff is here to serve. And remember, read the uw.csc newsgroup.

Calum T. Dalek

Editorial

First, a short correction: in the last issue of *mathNEWS*, I reported that a large part of the Co-op fees help pay to keep the University open in the Summer. In a recent MathSoc meeting, however, it was reported that in fact, *none* of the Co-op fees are used for this purpose. All the more reason to wonder...

Next, an apology: we had a number of complaints about the end of the article *Math, the Universe, and Everything* in the last issue. Steve "Flipper" Shaw consistently writes controversial articles under this title for *mathNEWS*, and frequently complaints arise. It should be noted that, as stated in the ISSN blurb, content is the responsibility of the *mathNEWS* editor. I apologize for anything distasteful that may have slipped through the editing process. We will certainly keep a closer watch on Flipper, but (as we have stated before), *Flipper's Math, the Universe, and Everything* articles are not to be taken seriously.

Finally, a few notes.

- Those of you off campus may not have seen those little green stickers that are being plastered everywhere. One of these was dropped into *mathNEWS*'s BLACK BOX. They read, "Do you realize that The University of Waterloo is now in the hands of an English Prof? Please consider a... Waterloo Institute of Technology SPLIT." I, personally, do realize that the new president of the University, James Downey, was a professor and department chair of English at Carlton University, before becoming Dean of Arts, VP (academic), and President (pro tempore) of that institution, and was a professor of English at the University of New Brunswick, while being that university's president.

If some members of the University community feel that Dr. Downey is not qualified to head the University of Waterloo, I say let them split, and I won't miss them.

- *mathNEWS* is now available for reading in PostScript form over the Internet. See the article "*mathNEWS Online*" for details.

Ian Goldberg, Editor

Prez Sez

not very much

Things have been hectic around MathSoc so I don't have much time for an article. I still need a Vice-Prez to help me out. I hope one of you can find it in your hearts to volunteer. I'm usually available in the day if anyone wants to come and talk to me [read: *I'm lonely 'cause I have no friends —Curtis*]. I hope your midterms and assignments are going well. I'll write to you all again in the next *mathNEWS*.

Monica Rooney
MathSoc Prez

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Editor: Ian Goldberg

The Zone

First order of business in MathSoc Central is the fact that MathSoc still doesn't have a Vice President, much to the President's chagrin. Hey, if MathSoc is worried about getting more people involved in the Society's functioning, maybe they should offer a salary to Exec. On second thought, MathSoc attracts enough morons without the monetary incentive. If they offer cash, I can guarantee they'll be inundated with them. And one thing's for sure: morons are usually attended by their moron friends.

An interesting tidbit of information for those of you who wonder where your MathSoc fees go: (a select few) Council members are taking the free photocopying and laser-printing that is reserved for Club and Society business and using them for personal items like resumés, assignments, etc. This means that the Society has to pay for their personal stuff, which translates into the MathSoc fees that everyone pays is used to pay for their personal stuff. You people know who you are. (*wagging my finger*) Cut it out.

The Treasurer has been treading on a lot of toes lately. He's been, dare I say, negligent in his duties. The President and other people have been told by the Treasurer to give fee refunds if people come asking for them. That made a few people angry because IT'S THE TREASURER'S JOB! That's what he's there for. That's one of his Constitutionally laid-out duties. Not that John Q. Mathie would know about that. They only know about the run-around he's given them the past week or so. If they've been able to catch him at all, that is. He's certainly never in his office, bringing the Math Society down now to only one active Exec member. And she's been heard to have said that if the "crap" doesn't stop soon, she's going to resign. And so ends the Math Society. (There are methods on the books for doing such things... — Editor and MathSoc Internal Director)

The Treasurer has also been treading on the Constitution. He has attended a certain committee meeting without letting Council know when and where it was happening (or even that it was happening at all) despite the fact that Council controls this committee. He also asked the President not to attend (which she has every right to do so), and didn't bother about her proxy vote. The Treasurer also invited another Council member to the committee meeting, and although that member is allowed to be there provided that Council approves his presence at the meeting, Council didn't know about the meeting much less approve that person's presence (OK, who understood that last sentence?). I won't even get into what the committee meeting did to get some Society members all riled up. Let's just say it has to do with something in the first paragraph. Shhhhh! It's a secret.

It's not hard to see that, lately, people in and around the Math Society are unhappy with the way things are unfolding in the MathSoc Political Arena. Just spend an hour in the office and I'm sure you'll get an earful. Or better yet, go to the MathSoc Council Meetings on Wednesdays. They're open to everyone, and they LOVE 4-hour marathon meetings about great stuff like impeachments and the like.

And, although I can't speak for the Math Society, I'm sure they apologize for the manner in which people seeking fee refunds, et al, have been treated.

The Zone is written by a former senior councillor and idealistic troublemaker at MathSoc

PS — There shall be no smiley faces allowed in the MathSoc Office!

MGC Rocks!

Bonjour all you potential graduates out there. It's summertime, and the weather is hot. And we have tons of stuff coming up for you. There is a Baseball tournament next weekend (June 12th). This is going to be a HUGE event. The entry is only \$5 per person (\$50 for a team) and more details will follow when you sign up. That you can do at the MGC office (MC 3029).

By the time that you read this, Grad Photos will be done with, as will the big Group Photo. But that doesn't mean you are done for pictures this term. No way! We need you to dig up old pictures of your life here at UW for the last 4 or 5 years. And if you want to help out with the layout of these pictures in the yearbook, just come on over to the MGC and sign up.

That's about it for now, all. Look here for more information about upcoming events like a car wash, a Fun Fair, and a historical tour of KW drinking establishments. See you then.

The MGC and friends

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Do You Want to Keep Internet?

Keep Reading

Math Undergrads use a computing environment containing a variety of hardware and software and, through this environment, are part of the global Internet community of millions of users and over 1,000,000 computers. While the Faculty would like to provide continued access to the Internet, this will only be possible with the continued cooperation of students. Students must be professionally responsible in the use of this technology, and should be aware of current pressures on us all for economic restraint, political awareness, and financial accountability.

In broad terms, acceptable use of this equipment includes any activity consistent with the educational goals of the Faculty. In particular, the Faculty has been able to provide students with general access to the Internet, including news, electronic mail, and file transfer. In large measure, students do in fact use this equipment wisely and responsibly, with the result that the Faculty has been able to take a broad view of acceptable use.

I am concerned that the actions of a few individuals may jeopardize the computing environment of many, and that the consequences of a few thoughtless acts may well extend beyond the Math undergrad environment. Let me illustrate some of my concerns as objectively as I can by submitting the following observations.

Don't Mess Around With Security

- Some students have exploited security holes in MFCF software to insult others on behalf of innocent third parties and, in some cases, to invade the privacy of others.

Abuses of computing resources are regularly reported by MFCF to the Associate Dean, Undergraduate Studies; in serious cases, disciplinary action will be taken in the same way as for academic offenses. In extreme instances, these actions constitute criminal offenses.

Don't Display or Print Offensive Pictures

- MFCF provides students with high-quality bit-mapped graphics terminals. Students acquire and display background images on these terminals which others consider offensive. These images are generally visible in public terminal rooms, and make for an uncomfortable environment for some other students. Similarly, MFCF provides students with 100 free pages of high-quality laser-printer output per term. Some students print images on these printers which are not related to academic work, and which many would consider offensive.
- Recently, the RCMP investigated allegations that pornography was being distributed electronically through news groups at the University of Manitoba.

Without making any comment on the images themselves, it is clear that such activities are unethical, insensitive, and an unacceptable use of resources. It is the responsibility of all of us to see that such behaviour is stopped.

Don't Use Resources Frivolously

- MFCF connects the undergrad subnet to the worldwide Internet, and provides students free access to off-campus news, electronic mail, and other information available via ftp and gopher. Students have created software on MFCF under-

graduate equipment which makes games (and hence MFCF computing resources) accessible from off campus.

- The Internet link between Waterloo and Toronto (and hence to the rest of the Internet) is a single 56-Kb/s line, and is arguably the scarcest computing resource on campus. Recently, when monitoring has been performed on the Internet link, Math undergrads have been a prominent and identifiable group of users. This fact is known at the level of the University Computing Committee.

It takes very little reflection to realize that trivial incidents can explode if attention is drawn to them: Math undergrads should be aware that they must bring the same high degree of professional responsibility to their use of computing resources as is expected of all other members of UW. Their actions can affect not only their own reputations, but those of the Faculty and University. Their actions can also have significant positive or negative effects on the future evolution of the computing environment within the Faculty, and around the University.

J.P. Black
Director of MFCF
and Associate Dean of Computing (Mathematics)

"Atomic is a latin word, *at* meaning 'deep fried', *mic* meaning 'running shoe.' " (Wait — I heard him say that last year — Ed)

Buhr, CS 242

Work for mathNEWS

Win Friends, Eat Pizza

Have you ever wanted to write, type, produce, deliver, or eat pizza for mathNEWS? Have you ever read an article in mathNEWS and thought, "Boy, that Flipper fellow sure sounds like a witty chap," or "Boy, that Flipper guy sure is a conceited asshole, I'd like to smash his teeth in?" Maybe you should do something about it.

Well, we'd love to see you out for our mathNEWS Writers Night or Production Night, or (if you want to be a really big weenie) both. Come for the good times, the good writing, or even possibly the good pizza. We're looking for writers, artists, typists, production folk, distribution people, and assorted hangers-on. If you have any ideas about how to improve mathNEWS, or have a cool idea for a new column, come on out. We're all fairly friendly people, and none of us have ever been convicted of anything [*Speak for yourself. Not all of us are wet behind the ears. mua-hahahahaha! — Curtis*]. So come on out, we'd love to meet you.

And a final note for all of you that are either too shy to come out, or think that we're a bunch of geeks, you can email any comments or articles to mathnews@undergrad.math.uwaterloo.ca. Any technophobes are welcome to drop written letters or articles in either the BLACK BOX or in the mathNEWS office, MC3041. Dates of future Writers' and Production Nights are listed in the Look Ahead.

the Gang

Math, the Universe, and Everything

Masturbation: Take It or Leave It, It's Still Your Only Friend

"It's a part of our lifestyle." — Jerry Seinfeld, *Seinfeld*

You know the feeling as well as I do. You haven't had a date in upwards of eight months, Black Orchid isn't returning your calls, and you're about as horned up as is humanly possible. You're sure that if you don't get some sort of release soon, you are going to spontaneously combust. So you sort of give yourself a hand.

Masturbation is the great equalizer. We all do it, whether we admit it or not. (Admittedly, some of us do it more than is healthy, but that's our choice and we're living with it.) Man, woman, or whatever, once in a while we help ourselves along. Just look around whatever class you're in this morning and imagine each of them masturbating. In fact, some of the guys in the back row probably are doing it even as you read this.

The Pros of Masturbation

This section is not about those who are especially good at masturbation, but rather covers the good points about it.

- you don't have to get your hand drunk before you have sex with it
- there are no arguments over who sleeps in the wet spot
- you're not expected to make breakfast for yourself
- you know you're not going to get kicked out of bed when it's over
- your hand will do whatever you tell it to
- there is no way that somebody's going to be left unsatisfied
- you're not going to complain when you tie yourself up
- you don't have to worry about falling asleep before it's over
- c'mon, it's not like you're going to turn yourself down
- nobody is going to be giving birth to anything because of masturbation
- you'll still respect yourself in the morning
- you're not going to catch anything you don't already have
- your hand isn't going to have morning breath
- you don't have to go to Fed Hall and listen to shitty music just so can find a hand willing to sleep with you
- your roommates aren't going to complain about your hand's moaning
- you don't have to pretend to be interested in your hand as a person
- you're not going to mind if you cry out someone else's name

As you can see, there are plenty of good things about masturbation. But no matter what some of you CS majors may think, it's not perfect.

The Cons of Masturbation

Masturbation is not all joy and bodily fluids, you know. There are a few things about it that make us pine for the real thing, as opposed to spending every day locked in our rooms until we fade away to nothing.

- unless you're a lot more flexible than I am, oral sex is out of the question

- you don't have anyone to tell you what a great lover you are, unless you're schizophrenic
- your relationship with your hand probably won't lead to marriage
- betcha can't do it just once
- I think most of us prefer natural lubrication
- you have to clean your own sheets
- after three of four hours, blisters start to become a real problem

Also, masturbation is not the sort of thing you brag about around the water cooler at work. When the office stud starts talking about the guy or girl he took home last night, you're not likely to pipe up and say "Boy, did I ever bring myself off this morning. I thought my right hand was going to fall off." Trust me, it doesn't go over nearly as well as you may think it would.

The Lies of Masturbation


Throughout history, people have been telling kids that masturbation is bad, and that they'll go to Hell for it. And throughout history, kids have said, "Oh, well, it's probably worth it," and have went on having fun. Those people in power, who are completely against anybody enjoying themselves, then came up with a whole bunch of "side effects" of masturbation. Some of my favourites are that you'll go blind, that you'll get acne, and that hair will grow on your palms. Hell, I think hair on my palms would be cool. If I had hair on my palms, I'd never leave my room.

However, masturbation doesn't do anything miraculous. Through extensive experimentation, oops I mean reading, I have found that masturbating will not give you the power to levitate, it will not make your breath fresh and minty, and it will not cure hangovers. It will, however, give you something to do while you're waiting in line at the grocery checkout.

Afterword

I'd just like to say that doing the research for this article has been some of the most enjoyable time I've ever spent while working for mathNEWS. And if any of you are offended by any of this, it's nothing a little baby oil and your friendly right hand won't cure.

Flipper



pal's galerie

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Mind Bogglers

Solutions

Twelve responses were turned in for the Mind Boggler last week. Eight were correct. The correct response was:

38, 39, 46, 51, 55

The numbers in the sequence are all the numbers that have 4 unique factors.

The correct solutions were turned in by:

Kai-Chung Cheung
Sid Johnstone
Ted Kolokolnikov
The Evil Galactic Warlord Larry
Sean Lashman
Sol Ution (Stuart MacDonald)
Leon & Dorian
Joe Engineer
Doug Pilkey

And the winner is: Sol Ution (Stuart MacDonald). See Ian Goldberg (our beloved editor) for your prize.

For this weeks puzzle, find the next two numbers in this sequence:

2, 5, 10, 28, 77

Turn in your submissions to the BLACK BOX. Winners will be announced in the next mathNEWS. Winners will, again, get a prize. Beware, this sequence is tougher...

And Then There Were None

Administrivia

A short note from the UW Ethics Committee

The Committee's mandate is spelled out in Policy 33 which articulates the principles underlying UW's policy on ethical behaviour and sets out the framework within which individual complaints are to be addressed. Sexual harassment, discrimination, and abuse of supervisory authority are explicitly cited in the policy as being antithetical to the nurturing environment UW strives to provide. Any faculty, staff, or student member of the University who believes that principles expressed in Policy 33 have been violated is encouraged to consult a member of the Ethics Committee for advice.

The current members of the Committee are Professor Sally Gunz (Accounting, x6524), Professor Ian McGee (Applied Math, x2534), Peter Burroughs (Registrar's Office, x3092), John Wine (Counselling Services, x3121), Elizabeth Barratt (undergrad Arts, x3371), Patti Haygarth (grad History, x2486), and Matt Erickson (ex officio, x3765).

The full text of Policy 33 is available electronically on UWInfo and in the policies and Committees tabloid published by the University Secretariat in Needles Hall (room 3060, x2749). As noted in the policy, "Every person in the University community has a right to institute and participate in proceedings under Policy 33 without reprisal or threat of reprisal for so doing."

Flipper Raves

C'mon, It's Not Like I Know What I'm Talking About

Ever since I started writing for mathNEWS two years ago, I've always been assured of getting a response from my articles. The comments are both positive and negative, which is to be expected. What surprises me is the way in which the different comments are passed onto me.

I usually hear the positive comments in the Bombshelter on Friday afternoon, as people drop by, wake me up from my drunken stupor, and congratulate me. This is called freedom of speech.

The negative comments are, for some reason that has always been unfathomable to me, relayed to me through a chain involving the dean, the president of MathSoc, and my editor. Apparently when some people have a problem with what I write, they don't sit down and write a letter to the editor, they don't write an article showing another point of view, and they don't beat me up in a dark alley. Instead, they complain to the Dean and the President of MathSoc. This is called being anally retentive.

The big problem is that there seems to be a group of people who actually take me seriously, which is something I've never been able to do. No matter how outrageous my suggestions are, somebody in this faculty will manage to take offense. We actually got a letter from someone who didn't like the idea of me encouraging ritual killing. To that person: *I was kidding*. Really. And I don't expect you to lie down in front of a bus, either. And don't drink too much. And don't stalk people — it's not nice. And go to all your classes. And don't tackle people at random.

Successive editors have been censoring, oops editing, my articles with increasing severity. I have been told more than once this term that I am not to include any jokes about the faculty members killing students, no matter how funny they may be. A postal worker joke was cut from last article, despite the fact that shooting people at random appears to be a legitimate form of expressing grievances in the U.S. postal service. I take pains to make most of my articles non-sexist, non-heterosexual, and non-racist as possible. So it pisses me off when somebody disagrees with me, and complains to someone in power instead of getting off his or her ass and making their viewpoint known to the rest of us. These folks apparently miss the disclaimer in every issue of mathNEWS that states that all opinions are those of the writers, and content is the responsibility of the mathNEWS editor. Do you see Ms. Rooney's or the Dean's name anywhere in there? So why are you complaining to them?

I am sure that a big part of the problem is that I am pretty much incapable of censoring myself. I find *everything* funny. One of my all-time favourite jokes is Life: you're born, you go to school for twenty years, you get a job, you get married, you have a couple of kids, and then what? You die! Ha ha! Good punch line, God.

The bottom line is this: if I offend you, great. That's your right as a human being. Maybe you should consider not reading "Math, the Universe, and Everything" every week. Or, if you do read it and it pisses you off, then write a letter to the editor — Ian would love to hear from you. Come out to Writer's Night and write an article entitled "Why I Think Flipper is a Big Asshole". The best part of this freedom of speech thing is that we're allowed to do it. Hell, if you write enough good stuff, there won't be room for my articles anymore, and everybody will be happy.

continued on page 7

mathNEWS Online

Submitting articles by email

mathNEWS can automatically accept articles sent by email. Here's the procedure:

- Send electronic mail to the userid mathnews (that's mathnews@undergrad.math.uwaterloo.ca for off-campus people) with the subject containing the word request; i.e.

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mail -s request mathnews < /dev/null
```

- The mathNEWS account will autoreply with a template for typing articles. Do not erase anything in the mail message containing the template. Leave the mail headers there. They will be extracted when your article gets to us.
- Read the instructions in the template, and send us your completed article (to the same address) with the subject line article. When your article arrives, you will be sent a confirmation message.

Reading mathNEWS online

If you have gopher access and a terminal capable of viewing a PostScript file (this includes every student in the Math Faculty), you can read mathNEWS online *anywhere in the world!* Follow this procedure:

- Connect your gopher server to descartes.uwaterloo.ca, port 70. For Math students, simply type gopher descartes from your Unix account.
- Choose mathSOC/
- Choose mathNEWS/
- Read How to get online issues of mathNEWS. and follow the directions in that file.

We hope to use this service to cut down on the number of paper copies we print. (Admit it... don't most of you read mathNEWS once, and then leave it lying around somewhere?)

If you have any comments, concerns, or criticisms about this service, send email to the mathNEWS account.

The pLATAmN Guy

"It's clear that it's not by no means obvious."

Oldford, STAT 231

"No one in his wildest dreams or under the influence of drugs would think this function is periodic."

Aczél, AM 332

continued from page 6

If those options don't appeal to you, that's great too. Complain to the Dean, complain to the President of MathSoc, complain to James Downey if you want. If you complain enough, I'm sure Ian will be forced to stop printing my biweekly flow of sewage. That's part of free speech too — there are always people who don't like what someone has to say, and try to stop him or her from saying it.

Flipper

Return of CLOD

The CLOD that ate (WKRP in) Cincinnati

There was fierce competition in the previous quiz from Clod. The answers are as follows: A+)Simply the Best; Astronaut)Rocket Man; Go)Beat It; Not Guilty of Arson)We Didn't Start the Fire; Danger)Hazard; Murder by Music)Killing Me Softly with His Song; Honeymoon)When a Man Loves a Woman, also accepted was Time, Love and Tenderness (I suppose...); Card Game)War; Egotist!) You're So Vain; Here)Waterloo; Louder!)Pump Up the Volume; Carol)Joy to the World (Christmas Carol? Get it? Never mind.); Contact Lens)Don't It Make My Brown Eyes Blue.

There were only four entries (You can do better than that!) and they are: Pokey (with minimal help from Phil Collins (and he should know)) with 9, Cathie Jamieson with 9 also, Bob with 11, and David & Fiona Beardwood, who got them all but the "toughie." You can get your prize from the MathSoc office. By the way, Bob, I have not heard of a Bruce Springsteen song called "The Bridge." If there is one you may break my legs later. I don't know everything, just ask anybody. You can reach me through the MathSoc office or the BLACK BOX. Now on with this week's playlist ...

Kiosk	R.E.M.
Double-Edged	Gloria Estefan and Miami Sound Machine
Cardioid	Jackson Brown
Take Two	Mike and the Mechanics
Wilting	Roxette
Ass over Teakettle	Tears for Fears
Siamese Twin Dilemma	Michael Bolton
Updraft	Bette Midler
Over Your Head	Paula Abdul
Tight Stitches	Hall & Oates
Who's the Pervert?!	Bruce Cockburn
Describe the Unicorn	Fleetwood Mac
An Advance	Heart

Send your submissions you-know-where. (Same batBOX, same bat-deadline.)

Griddy

It's Kiddies Play Along!

With your host Joey Buttafuoco

Hey all you crazy mathies out there. Haven't you always wanted to soar to new heights, to leap buildings in a single bound. Well now is your chance.

Canada Day is coming up, and you can be a BIG part of it. We need *you* to volunteer to make it great. What can you do? Well, there are a variety of areas in which you can help out. The big one of these from this point of view is Kiddies Activities. We need about 40 eager people to help with these little rascals as they play their hearts out in a number of different games. It would only be for a few hours, and then you could watch the beautiful fireworks display over Columbia Lake. [If you want to help set up the stage and other displays, PLEASE, I beg you — volunteer! — Curtis, Canada Day Operations Manager].

If you choose to donate your valuable time for this great cause, we will give you a great volunteer T-shirt, and some food for the day. On top of that is a Rockin' party after the field is cleaned up. So what are you waiting for? Just run down to the Bulletin Board across from the C+D and put your name down.

We now return you to your regularly scheduled mathNEWS.

Kiddie Keepers

Crossword Maze

A new challenge for Gridword solvers

Old mathNEWS just seems to be a crossword innovation-type of paper this term. A couple of weeks ago, the 3-D Gridword and now this!

This is a new kind of crossword: a crossword maze. The clued entries go in vertically (unless they are in a special section, see below). Although only down clues are generally used, in several places horizontal theme entries appear on various lines. These theme entries are arranged according to the following rules:

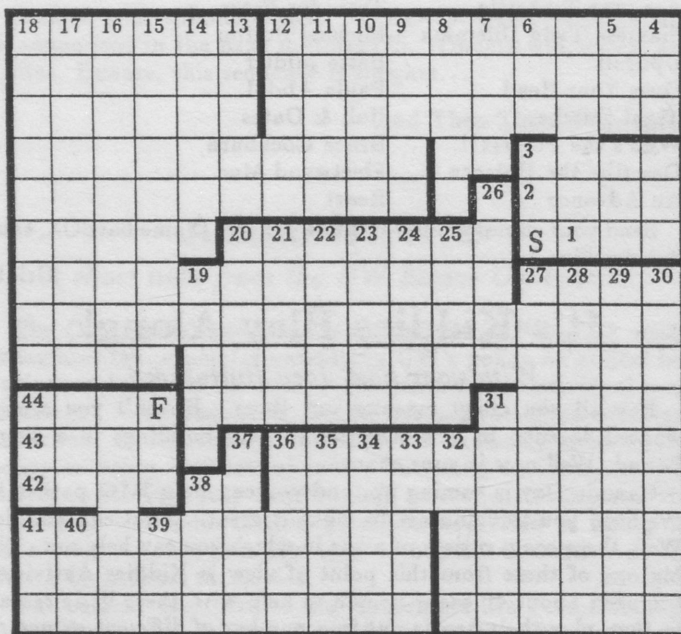
1. Every down entry crosses with at least one theme entry. (It should be possible to go from start to finish through crossed entries.)
2. Theme entries start and end at black borderlines (the thick ones).
3. Theme entries are arranged symmetrically in the grid.

The theme entries and the title all relate to one another in some punny way. All entries can be read as in normal crosswords. The S and F already in the grid are the start and finish. The only solutions you need to provide are all the theme entries.

If any of these rules are amended or broken for a particular maze, there will be a...

Constructor's Note: The entries at 1-3 and 42-44 are entered horizontally. There are 2 vertical theme entries (between 5 & 6 and 39 & 40.)

Gridby



"Because I'm such a great genius, I can say... (explanation deleted)... Okay? Alright now... uh... what did I just say?"

Hoffman, MATH 136

"I'm not going to repeat the question. It's too bizarre."

Coffin, CS 246

Out of the Junkyard

1. Golfer's target
2. Opposite of dark
3. Surgery side-effect
4. Quality in a wallflower
5. Stuffed one's face
6. Computer gate
7. Los Angeles sky
8. Possible theme entry for this maze
9. Half of government taxables
10. Direct cows?
11. Athletic supporters
12. Add to a constitution
13. Wood colourant
14. Rose Nyland, e.g.
15. Informal contract-sealer
16. Student body statistic
17. Spanish maidens
18. In other words
19. High Noon or Twelve O'Clock High, e.g.
20. Kind of chest
21. Bird on a construction site?
22. 8 oz. dinner?
23. What some airlines leave out
24. They hang around McDonald's
25. Get P.O.'d
26. Subway fare, sometimes
27. Method of attack, as Indians did
28. Streets with both openings on the same road
29. They're worth 50 points each
30. Southern dance
31. Eternally
32. Intentional knot in your hair
33. What the appropriate kind of horn does
34. Breed of pigeon?
35. Wash yourself thoroughly
36. Sound a basket may make?
37. Shrimp's second cousin?
38. Game with balls in pockets
39. Inscription on urn from Athens
40. Pendulum's partner
41. Favourite symbol on Classic Concentration
42. Previously-Soviet capital
43. Coin that smells?
44. How to spot a lake?

mastHEAD

The fun folks who were out tonight (and their favourite Chinese foods) were Darren Rigby (Chicken Fried Mice (I hope it was a typo on my menu)), Monica Rooney (Cream of Sum Yung Guy), Michael Melvin (I'll have what she's having... wait a second, umm... no, never mind), Curtis Desjardins (Chicken balls... no, wait, chickens don't have balls), Steve "Flipper" Shaw (Mmm... beer), EC (Elaine), Stuart Pollock (Won or two Ton Soup), and Colin Brace (Pizza). Thanks to all of them, and apologies to anybody we've missed.

Thanks also, of course, go to Marion and all those fun people at Graphics Services, Larry Wall for Perl, whomever wrote whatever program we use for the cover, Adobe for PostScript, DEC, Sun, and NCD for the hardware, and anyone else I forgot.

Ian Goldberg (No MSG (it's on all the menus...))

mathNEWSquiz #2

We Don't Need No Steenking Subtitles!

Greetings, my little squizzers! What did you think of last week's categories? One little thing must be pointed out, however. The last question in the Game Shows category asked for all current game shows, when only two were desired; if two shows were correct, the point was awarded. Anyway, here are the solutions to last issue's squiz: **Movie Quotes:** 1) Aladdin; 2) Die Hard; 3) Cop; 4) Bull Durham; 5) Duck Soup; **Bat Trivia:** 1) Chandelle and his brother George; 2) Egghead; 3) Bat Man a Go-Go; 4) False; 5) 3 pelts; **Game Shows:** 1) Price is Right; 2) Press Your Luck; 3) Paul Lynn; 4) Price is Right and Family Feud Challenge; 5) Jeopardy, Wheel of Fortune, Family Feud Challenge, You Bet Your Life, etc.; **Song Lyrics:** 1) Sad But True - Metallica; 2) Vox - Sarah McLachlan; 3) Closing Time - Leonard Cohen; 4) Fall On Me - R.E.M.; 5) The Voice - John Farnham; **Ren & Stimpy:** 1) Gritty Kitty Litter; 2) 36 years (they've made the trip dozens of times); 3) 5 (baby, horse, walrus, elephant, woman); 4) "Don't Whiz On The Electric Fence!"; 5) Spine tingling toast!; **Potpourri:** 1) (Doctor) Doom; 2) Art Fleming; 3) Frank Zappa; 4) The official medical report is "heart attack due to obesity" (Choked on a ham sandwich not accepted); 5) None;

Here are the four people/groups/whatever who submitted answers for last issue's squiz: Cosmic Charlie & Thrash (10); OPWA² & The Mad Bomber (10); Phil Collins & Pokey (12); and the winnah is (drumroll, please) NorthEastern Exposure (c/o Shahid Budhwani) (17)! You can pick up your squizprize in the mathNEWS office.

Movie Quotes

1. "Get a life!" (**BLAM**)
2. "What does that say?"
"No shirt. No shoes. No Dice!"
"Live it. Learn it. Know it."
3. "Why don't you suck my big fat one you dime store hood!"
4. "Are we awake?"
"We don't know. We're a little confused. Are we... black?"
"Yes, we are."
"Then... we are awake."
5. "You're bleeding, man!"
"I ain't got time to bleed."
"Well, you got time to duck?"

Potpourri

1. According to Abbott and Costello, who played center field?
2. Of what land was Helen of Troy queen?
3. What do the initials S.O.S. stand for in the brand of steel-wool soap pads marketed under that name?
4. How many watts are there in one horsepower?
5. What distance can the average healthy slug cover in a day?

Song Lyrics

1. Wishin' and hopin' for my dreams to come true
So I could feel like the other kids do
2. Red is for the heroes, green is for the brave;
Oh, soldiers would you leave me with no souls to save
3. So I went to the doctor, to see what he could give me
He said "Sorry, son, you've gone too far
'Cause smokin' and trippin' is all that you do"
Yeahhhhh!!!!

4. She work so hard and at the end of the day
She needs a little something extra to take it all away
5. They are the kings 'cause they swing amputation
Lose your arms, your legs to them it's compilation

Saturday Morning Cartoons

1. What is the name of Eek the Cat's girlfriend?
2. Who does the voice of Bobby on Bobby's World?
3. Where do Garfield's Friends live in Garfield and Friends?
4. Who are the Pro Stars?
5. Name the bad guys in the Smoggies.

Astronomy

1. Name all Canadian astronauts who have orbited Earth in a Space Shuttle.
2. How long is a Mercury year, in Earth days?
3. How much longer is the Sun expected to shine before it turns into a Red Giant?
4. Name the closest planet to Earth.
5. Who was the first man to return to space?

Good luck everyone! (P.S. You can drop off your solutions in the BLACK BOX across from the Comfy Lounge)

Chewbacca the All-Knowing
Squiz EC
Harry "Snapper" Organs

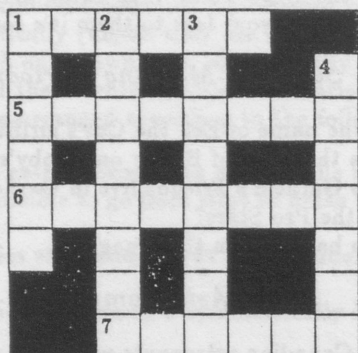
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Grid Clues (Crypt-EC)

EC-cross

1. EC's breaths clears it up
5. My ache can't decorate house
6. Bob is so fun, it's sunshine
7. Sexual indulgence is found by Alec. He ryles me

Down

1. EC is lively. The best, really
2. On one wheel. You kneel! Psyche. Kill!
3. In the Maritimes is a mixed up safe thai
4. If you serve on the water, you are in a bean

Grid Clues (Conventional)

EC-cross

1. Bed covers
5. Preceding
6. Way up there
7. An honest insect

Down

1. A heap of game killed in a hunt
2. Inside
3. When GoodYear burns
4. Exchanging

"If this were an advanced course in modern differential geometry some professor out there in the audience would puke."

McKeirnan, AM 333

"You can think of mathematicians who work with finite numbers as infants crawling around on the floor."

Hoffman, MATH 136

What's the Question? II

Revenge of the Mosquitos

Ah! It's great to be back with the sand, surf, and ducks this summer. And I'm starting this term with something summer is known for: the sequel. As with the original What's the Question? puzzle, all 26 letters have been assigned a unique number from 1 to 26, and each summertime word in the list below holds a value equal to the sum of its letters. The object of this puzzle is to determine the value of the word **MOSQUITOS**. Also, no word in the list has a Q, so finding the other 25 letters first is required. To enter for the small, but fabulous, prize, simply write down your name and the value for **MOSQUITOS** and anything else you feel necessary, and drop it into the **BLACK BOX** on the wall opposite the Comfy Lounge by the next mathNEWS Production Night. Good luck to all!

The Puzzle Bandit

- | | |
|------------------|----------------------|
| MAY = 54 | FOOTBALL = 70 |
| JUNE = 54 | VOLLEYBALL = 97 |
| JULY = 62 | BASEBALL = 80 |
| AUGUST = 89 | BIKINI = 42 |
| LAZY = 41 | SUMMER = 100 |
| BEACH = 67 | HUMID = 94 |
| SHORTS = 55 | PROCRASTINATION = 86 |
| ICED TEA = 65 | FISHING = 84 |
| SUNSHINE = 93 | BIRDS = 51 |
| SANDALS = 74 | BEES = 47 |
| SUNBURN = 89 | VACATION = 63 |
| GAMES = 74 | TANKTOP = 56 |
| T SHIRT = 43 | SANDCASTLE = 98 |
| GRASS = 52 | ENJOYMENT = 98 |
| SURF = 63 | SHADE = 74 |
| GOLF = 51 | PICNIC = 43 |
| PARTIES = 50 | POOLSIDE = 70 |
| WATER = 40 | HEATWAVE = 99 |
| SWEAT = 50 | BREEZE = 55 |
| TAN LINE = 40 | BASKETBALL = 101 |
| SOCCER = 50 | SPLASH = 73 |
| EXERCISE = 79 | CYCLING = 70 |
| BELLY FLOP = 101 | FUN = 55 |
| BARBECUE = 96 | REPEATS = 59 |
| OUTDOORS = 74 | FRISBEE = 73 |

Pre-registration — Winter Term 1994

All co-op Math students who are on campus for the Spring term should pre-register for the Winter term 1994, on these days:

Wednesday June 9 to Friday June 11, 1993

Pre-registering will help you, by increasing the likelihood that you will get into the courses of your choice, and it will help us, because we will be able to predict class size more accurately.

You can pick up the pre-registration material in the Mathematics Undergraduate Office, MC 5115, beginning Tuesday, June 1, 1993.

Thank you for your cooperation.

John Wainwright
Associate Dean, Undergraduate Studies