

Thank

God

It's math NEWS

Vol. 47 #2

Fri. June 3, '88

~~Friday~~

Important Info.
On p. 3 for Frosh

LookAhead

Cinema Gratis	
June 8	Demons & Marbles The Witches of Eastwick
June 15	Bedtime for Bonzo The Cars That Eat People
June 22	The Underground Movie The Name of the Rose
June 29	Caninabis Zelig
Fed Flicks	
	PHY 145
June 3,4,5	Stand By Me
June 10,11,12	The Living Daylights
June 17,18,19	Aliens
June 24,25,26	LaBamba
Co-op Reminders	
June 8	Interviews Start
Math Faculty	
June 9	1B Information Night 7:15 pm in EL101
June 15-17	Pre-registration
MathSoc	
June 3 June 10	The MathSoc office (MC3038) is open Monday to Friday Frosh Party at Columbia Fields Crazy Shorts Day/BBQ/ Fed Hall Get-together
mathNEWS	
June 20	Production night - Issue 3
June 24	next mathNEWS out

Math '89 Grads

Hi there ! This is Ritch, your Grad '89 chairman for this stream. Well, it's hard to believe but it's less than a year before we're outta here!! Here's a rundown of what's been going on with the MGC, in case you missed it.

Grad photo sign-ups were held from May 18 - 25 and the photo sessions started yesterday, June 2. If anyone didn't sign up for a photo session, go to MathSoc and pick a session time for next week. For your session, don't forget your white shirt or blouse, your 15 bucks, and your blurb for the yearbook.

Speaking of the yearbook, it went on sale this week at the low, low price of \$20. If you missed that too, your last chance to buy one this term is Monday, June 6 at the C+D from 11:00 to 1:30.

MGB Pizza Days have already started (sorry, no MGB buttons yet), so watch for posters announcing upcoming events. If anyone has any ideas, say for Math '89 class shirts or a class gift, drop by MathSoc and put a note on my board, or let someone on the Grad committee know. Also, if you have any pictures you'd like in the yearbook, drop them by MathSoc with your name and phone number and we'll try to get them in.

Well, I've wasted enough space in this issue. Watch for more exciting bulletins throughout the term.

See ya!

Ritch Lodge

Soc Talk

The BIG EVENT for this week is the Frosh Party / Barbeque being held TODAY (Friday June 3rd) at 5:00 for the BBQ at Columbia Lake and 9:00 for the party at V1 Great Hall. All frosh are invited to attend. Promises to be a good time for all!!

The Blue Jays defeated the Chicago White Sox by a score of 4-3. We're convinced that this stunning victory was a result of the attendance of the UW Math Society. Thanks to those who came out and weren't toasted!!

Planned for next Friday (the 10th) is the "WEAR CRAZY SHORTS OR BE CALLED A GOOF" day. Show your spirit and dress like Darryl, our fearless leader. Along with this we'll be having our first "all mathies invited" Barbeque by the math building.

For those graduating, grad photos have begun and yearbooks are on sale for a low cost of \$20.

The next MathSoc Council meeting is on Wednesday, June 8th, location TBA. Come out and get involved!

This article was brought to you by :

DR, MJ, & PT

Party Passtimes

Well folks, de social activities calendar be becomin' some little more clear as we progress into de term. What it is, Mama! Our fust event, de Blue Jays road trip wasn't all dat successful financially but de damn suckas who went sho' had some baaaad time. Sheeeit. As fo' de rest o' de month, here's whut we gots lined up fo' ya'.

Dis Friday (dat's today t' all ya' suckas wid digital watches) be de date o' our Frosh Party. Ya' know? We spent all o' de 'scess orientashun funds on one big B.B.Q. and party fo' Frosh only. Ya' know? De food and pop at de event be free t' all '87 Math Frosh who gots deir Ah.D. wristbands. T' git yours, mosey on down on up t' MathSoc and plum ax, dey're free too. Right On! Oh yeah, dere gots'ta also be otha' liquid refreshments available fo' some drastically reduced price. Sheeeit.

Next Friday, June 10th t' be 'sact, MathSoc be holdin' its fust annual "Wear Crazy Shorts Or Be Called A Goof" Day. Ya' know? Durin' de day, friendly MathSoc types gots'ta be puttin' t' shame anyone who be not outfitted in deir most outrageous pair o' shorts. Dere gots'ta be some B.B.Q. outside de damn main entrance around noon and an informal gatherin' at Fed Hall dat evenin' (no cova' charge, plum some chance t' git togetha' wid yo' friends in Math).

Well, dat's it until next issue. Sheeeit. Ah hope t' see ya' all out at de damn events. De more, de merria'. Bye y'all. Right On!

Jumpin' Jack Flash

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Editor: Rick (Kinky-Man) McTavish

Elections

Elections were held on Thursday May 19 and Friday May 20 for the position of MathSoc 2B rep. There was one position open with three candidates running; Delio Almeida, Kathryn Hairby, and Richard McTavish. Kathryn emerged victorious with 63% of the vote. 23% of the eligible voters cast a ballot. During the campaign period nominations were still accepted for un-filled positions. Jan Sven Trabant was acclaimed as a 4A rep. The 2A, 1N, 3N and 4N seats will remain un-filled for the duration of the term.

Brett Martin - CRO

The Legal Resource Office

Or : How to screw your landlord before he screws you

The LRO is a Fed service staffed by volunteers to provide free legal advice to students. Whether you've just committed a murder or are just having trouble with your landlord, they can help. The LRO has a booklet compiled by WPIRG on the Landlord Tenant Act. It's filled with great info and is available from the LRO. They also have sublet forms, lawyers numbers, and tons of helpful pamphlets on everything from your search and seizure rights to how to buy a house.

The LRO is located in CC150B, just below Imp'tint, near the PAC. The number is 888-4634 (or extension 4634). Its hours are posted on the door. Anyone wishing to volunteer an hour should contact the co-ordinator, Karen Davidson, through the Feds.

Did you know ...

- You should be paid interest on your last months rent deposit?
- You can rent month-to-month after you have lived in a place for one year (i.e. you don't have to sign another lease, ever)?
- You can only be evicted for breaking the Landlord Tenant Act? If you break the conditions of your lease (i.e. no pets) you can't be evicted. It becomes a matter of contract law (i.e. he must sue you).
- There is a lawyer referral number set up. They will give you 1/2 hour of FREE LEGAL ADVICE. The number is 1-800-268-8326.

Brett Martin

Eng Bashing

The Engineers (yecch!) are running a number of SPORTS COMPETITIONS this summer. To prove our superiority, Math will enter a team in each competition. A sign-up list for the Math team for each event will be posted on the C+D window a few weeks before the event. Only one team will be entered, so the rule is "first come first served". The events are as follows:

Prof/Student Softball - June 19

Murder Ball - June 24

Sweat Bowl(flag football) - June 26

Raft Race(on Columbia Lake) - June 28

Volleyball - July 24

An explanation of each event will be posted with the sign-up sheet. MATHIES REIGN!!

Brett Martin - Athletics Director

Attention All Frosh!

A Party In Your Honour

Friday June 3rd

Part 1: Columbia Fields @ 5:00

Part 2: V1 Great Hall @ 9:00

FREE food and pop

other "refreshments" also available
for a ridiculously low fee

Details and I.D. Wristbands

Available in MathSoc

Attention All Frosh 1B Information Night

On Thursday, June 9 at 7:15pm in EL101 is the "Information Night for 1B Math students". This night is presented to help all 1B Math students prepare for Winter '89 pre-registration, which will take place from Wednesday, June 15 to Friday, June 17.

During the meeting, a representative from each Math department will give a ten-minute presentation about their department. After the meeting, there will be refreshments available in the EL foyer outside EL101; during this time, any questions will be answered.

CSC Flash

YOU may have already won

a membership in the CSC

It has come to our attention that you, yes YOU, *The Math Bunny* have been selected as one of the elite few who are being offered a special one time offer of a crisp, new CSC membership. This membership comes to you at the special low price of only 25 cents (plus shipping and handling - 75 cents). This is a limited time offer. Get yours now, to receive the Early bird bonus of a free cup of tea in the CSC office.

Respond now, contest ends Aug 31, 1988.

Are you female and would you like to replace any of the following: President: Ted Timar VP: Bill Wallace Treasurer: Amit Parghi Secretary: Trevor Green Sys Admin: Morgan Jones

Apply at the local branch of the CSC. Work in Sunny Waterloo. Already we had a wonderful rendition of STAR WARS during our opening night and we have planned 1B info night next week.

Calum T. Dalek

ProfQuote Competition

Part 1

Well here we go the first part of the first ProfQuote Competition. The ProfQuotes are coming in very slow, so either no one is attending classes (enjoying the sun), the profs are being more careful with what they say, or everyone is sleeping in class.

"If this leaves you with just a tad of discomfort, like village food, don't worry about it."

Rob Brown ActSc 232

"Every year, millions of people fail this course."

G. Cross MATH 230B

"OK, let's let $x=(0,0)$. What does this give us? Well, here a zero there a zero, everywhere a zero zero."

Dickey MATH 134B

"...I don't give a shit what you say! It's false!"

Dyal PSYCH 101

"I don't want to mislead you into believing that engineers actually think, but let's assume it."

S. Furino MATH 134B

"Apart from arithmetic errors, for which you're penalised but I'm not, we solve it easily."

S. Furino MATH 134B

"None of these comments are to be quoted outside of this room."

G. Gonnet CS 340

"Let's write down an infinite by infinite matrix just for the fun of it."

Hoffman MATH 144B

"I don't know what I'm talking about so I'd better shut up."

Hoffman MATH 144B

"This is getting a little confusing, even for me. I'll just look here for the answer."

Harold Mantel STATS 231

"As you can see. I am in this building [MC] and not in that God-forsaken thing next door."

Ed Moskal MATH 234B

"I want it, I want it fast, and I want it now."

Larry Smith ECON 102

"In Canada we know what to do with women."

Larry Smith ECON 102

"If you quote this in mathNEWS, you won't get your degree, let alone a credit in this course."

Larry Smith ECON 102

[in MC2038] "is anyone going to the Math Building?"

H. Wolkowicz C&O 370

Fermat's Last Theorem Proven

Fermat's famous Last Theorem, that $x^n + y^n = z^n$ has no nonzero integral solutions if $n > 2$, has been proven by the discovery of a secret letter from Fermat to have been a practical joke on his part.

"I have an idea which will frustrate mathematicians for some time to come," wrote Fermat in a letter, only recently discovered, to Newton. He added that his joke "may not be discovered, perhaps not even for a decade or more" but that "any mathematician of skill should recognise that the theorem cannot be proven." In reality, many renowned mathematicians, including a certain CS tutor, have actually attempted to prove the theorem.

Ducky

The Calculus of Love

Continuing in the genre of applying math to real life situations (see last term's mathNEWS for details), let us try actually applying applied math itself.

Consider the plight of two people. Let us call them Max and Min. Now, Max and Min were madly in love. Or at least Max was. Max told her, "Min, I think our relation might have reached an endpoint if we don't proceed further."

"But Max," she replied, "That's against my first principles!"

Slowly, however, Max convinced her of the correctness of his proof and took her to a small hump on the outskirts of function limits.

"I think I have the integral solution," Max whispered as he applied the Jacobians to her. Soon, things grew hot and heavy as Max revealed his linear approximation. When they had reached the saddle point, they showed no constraints and leapt tangentially up the slope of bliss until they had reached the critical point.

"Oh Max! You're the absolute!" she moaned in the throes of her first order derivative.

When the situation had cooled down, she asked him this, "How was it?"

"Quite good, in fact," he said with a smile on his face. "You know, after we get married, I hope someday we can generate a little relative Min."

Deepthot

FEDS

Your on-campus Fed Reps for the summer are John Herbert, Jackie Yang, and Brett Martin. These people are your connection to getting the Fed Services and bands that you want. They can be contacted through the Fed office (CC235), MathSoc, or via the Fed Board outside MathSoc.

At the last meeting (Sunday May 29), the budget was presented. It will be voted on at the next meeting, so if you want to complain about anything, do it now. A copy of this year's budget (and last year's for comparison) will be posted on the Fed Board.

The next meeting is Sunday June 26, at 4:00 pm, in NH 3004. All welcome (but it's BORING).

Did you know that the Fed Orientation Director gets paid over \$5000 ???

Brett Martin

VapidFire

- In a surprise move, it was discovered that ex-mathNEWS staffers Chris, Stuart, Frank and David have bought 51% of the stock of the Globe and Mail. Their first action was to rename the paper to the mathGLOBE. They then held a Wat Velvet party, and got very drunk on Papst Blue Ribbon. It is rumoured that they are going to hire UW's own Larry Smith as Economics Editor, so that he can have his own forum for telling the Canadian people how well off they are.

- UW President Dwite Wroug, back in town for last week's convocations, saw the latest additions to DavisWorld for the first time. When asked what he thought of the centre, he replied "Aw, man, the place is oh-bop-she-bam, I mean, lay-down, break-down, burning on the hot side of town. You dig?"

With the debut of *Life With dan* last fall, we started a tradition of writing serials about former ex-editors of mathNEWS. So at the risk of entertaining you and getting socked in the face, we present...

Life With Stu

"Well, I can let you live in this cupboard under the sink. It'll be \$1020 a month, and no loud parties."

"No thanks," Stu replied. "I think I'll pass."

It was now approaching the desperate hour. Stu was due to start work at a Toronto computer firm the next morning, and he was yet to find a place to live. As the evening wore on he faced up to the frightening reality—he would have to spend a night in the Yonge St. Mission.

Stu was given a cot beside a rather odd looking gentleman. He was a skinhead who wore a brown leather jacket, and had a swastika tattooed across his face. "OI!" he yelled. "Who in the bloody 'ell are you?"

"Um, my name is Stu."

"Bloody pleased to meet you!" He blew the contents of his nose onto the floor. "I'm Stig! Why're you here?"

"I'm a computer scientist," Stu said for a lack of a better explanation.

"I'm a professional white supremacist." He pulled out a large knife and began picking his teeth. "You into that?"

"Not really," Stu replied. "I can't think of anything more frightening than being a part of the SS." He unpacked his bags and smoothed out his business suit.

"I'd give you a hand, 'cept I lost eight fingers in a knife fight," Stig said.

Stu turned in, and enjoyed a refreshing two and a half hour sleep. "This is worse than real time," he muttered as he shuffled down to the subway the next morning.

Upon arriving at his new job, Stu was ushered to his desk and set to work. After about half an hour of programming, Stu began to feel comfortable, and the horrid memories of "Wrath of Conn" and WATDCS began to fade.

Suddenly there was a loud commotion outside the window. Stu stood up to see what was happening, only to see a middle-aged pin-striped executive swing through the window on a rope with a programming manual in his teeth.

"What's going on?" Stu asked.

"It's IBM!" someone screamed. "They're taking us over!"

Within a moment, thousands of pinstriped middle-aged men poured into the room, taking computer terminals hostage and running electro-magnets over the hard disks.

Stu tried to keep calm as he hid behind a wastepaper basket. Suddenly he had an idea. "Wait," he thought, "this is only a math-NEWS serial. I helped kill off Watman, maybe I can kill off IBM!" He fumbled around the floor for an exacto knife, only to discover that this was indeed reality, and looked up to see one of the pinstripers about to whack him on the head with an IBM Pascal user's guide.

- Will Stu save his company from the dreaded IBM?
- Will he realize that killing off Watman was a lot easier than this?

- Will Stu kill us when he reads this?
- Will there be another episode?

Stay tuned...

Sour Ron
+ Tom Gordon

Violence in the Streets: A Review of COLORS

Reality or movie magic? This is the question director Dennis Hopper wants us to ask at the end of *Colors*. Unfortunately, it is closer to reality than most people may want to admit (possibly explaining why it has been banned in several areas of the US). Instead of being just a documentary on gangs, *Colors* utilizes the over used "buddy cop" approach to illustrate the gang problem.

The story involves a veteran cop, Bob Hodges (Robert Duvall) and his rookie partner, Danny McGavin (Sean Penn) in their fight to clean up the streets of Los Angeles from gangs. During their fight, they face a series of gang-related killings between the Crips and the Bloods. This movie also portrays how the police officers are affected by their never-winning battle with the gangs.

The following are our views of this movie:

DR. MOVIES: There are great performances by Robert Duvall; whereas Sean Penn basically plays Sean Penn, showing very little acting ability. McGavin's girlfriend (Maria Conchita Alonso) is wasted in the film, except for one scene when she confronts McGavin about his actions. Despite Sean Penn's performance, the "buddy cop" approach does work since we can feel for the characters. This movie has many slow points, especially at the beginning, but gets more interesting near the end. Dennis Hopper did a good job directing the film, successfully trying to keep it as close to reality as possible.

On the pie rating system, *Colors* receives a $5\pi/4$. However, it is interesting to watch to see how much of a gang problem exists.

MR. FLICKS: Despite some slow scenes and all the face shots, *Colors* had some great effects and realistic simulations which make the chase scenes and gang attacks worth waiting for. After a slow start, the movie picks up and has a dramatic ending. *Colors* gets a $7\pi/5$ rating - take it or leave it.

Pie Rating System

[$0, \pi/4$] Avoid at all costs

[$\pi/4, \pi/2$] See it on Pay TV

[$\pi/2, 3\pi/4$] See it at Fed Flicks

[$3\pi/4, \pi$] Wait for it on video

[$\pi, 5\pi/4$] Go on \$3.50 Tuesday

[$5\pi/4, 7\pi/4$] Should be seen

[$7\pi/4, 2\pi$] Cannot be missed

Dr. Movies
Mr. Flicks

MATH GRAD '89 YEARBOOK

ON SALE

Today (Friday June 3) and

Monday June 6 from 11:30 to 1:30

In front of the display case on the third floor.

Cost: Only \$20 for a priceless amount of memories.

(Yearbooks will not be available for sale in the Winter of '89 or at Convocation!)

Dean's Honours List

Faculty of Mathematics

In recognition of outstanding academic achievement during the Winter/88 term, the following students have qualified for the Dean's Honours List (Winter/88).

Christine Anderson, Kevin Wayne Arthur, David Anthony Bailey, Alison Jane Baillie, Michael Peter Bain, Michael David Balkwill, Colin Scott Beech, Anthony Justin Benjamin, Peter Glenn Bier, Randall Bier, Barbara Joan Boese, Mary Ginetta Boldrini, Scott Thomas Butler, Peter Allen Cane, Christine Jean Chambers, Kin Chung Chan, Scott William Cherry, Paulina Chin, Gerda de Vries, Frank Mark d'Ippolito, Margaret Elizabeth Duffy, Carolyn Duke, Craig Gerald Eisler, Richard George Fedorowicz, Kevin Stanley Ferguson, Brenda Lynn Field, Philip Fong, Peter Gordon Found, Steven Edward Fry, Michael Glaum, Yu Min Goh, John Richard Gossling, Mansoor Haider, Geoffrey Hancock, Jane Alison Harrell, Penelope Evelyn Haxell, Robert William Hilchie, Howard Sheung Chi Ho, Tse-Tsin Hsieh, Li Ming Huang, Jor Leung Hui, Fabrice Jaubert, Bradley Keith Jes-ty, Linda Ann Johnston, Alexander Tomas Kachura, Vladimir Kolbas, Wilson Chi Ko Lam, Julianne Krystal Lamb, D. Andrew Lang, Richard Stuart Laver, Shan-Shan Agnes Lee, Therese Lee, Claude Yvon Lepage, Carol Ann Leppinen, Robert Andrew Macrae, Blair Manktelow, Daniel James Miller, Glen Charles Moffatt, Lev Molytner, Gregor Naterer, Gregory Alan New, Pok Ngai, Paul Ngai, Paul Nock, Catherine Madeline O'Bright, Anu Kumar Pathria, Margaret Dajana Plut, David Stephen Radlowsky, Karim Rajabali Rajan, Ian William Reilly, Steven Michael Roberts, Sara Louise Rubin, Giuseppe Russo, Christopher Taylor Sales, Glen Douglas Saunders, Paul Sauve, Tania Schnute, Pamela Tina Schwindt, Valerie Anne Scott, Peter Henry Semerak, Haroon Sheikh, John Smirnos, Debra Smith, Stephen Andrew Smith, Wayne Duncan Smith, Kelly Ann Start, Paul Gordon Stefiszyn, Kenneth Harold Stevens, John Stockie, Jim Summers, Jeffery Andrew John Sumner, Sharon Lynn Swift, Peter Nicholas Tchir, Robert Douglas Thacker, Kevin Shaun Thompson, Joanne Louise Towner, Minh Van Tran, Andrew Tron, Francois Truchon, Michelle Sylvie Ulbrich, Jeffrey John Ungar, Ronald Vanderlinde, Brian Douglas Vink, Phung Vuu, William Wallace, Lisa May Warmerdam, Daniel Wevrick, Shannon Ralph White, David Timothy Willis, Deborah Suzanne Willison, Anthony Wai Ming Wong, Yuen Ming Sakie Wong, Peng Hon Darrell Yong, Luo Quan Zheng

In recognition of outstanding academic achievement during the Fall/87 term, the following student has been added retroactively to the Dean's Honours List (Fall/87).

Edmund Dengler

In recognition of outstanding academic achievement during the Winter/87 term, the following student has been added retroactively to the Dean's Honours List (Winter/87).

Nicolas Crook

mastHEAD

Well it's 11:00 and I'm already typing in the masthead (we may get this issue done before midnight.) You're right Tom these prefixes do suck.

I'd like to thank to all the people who showed up: Trevor Green, CJ Fievoli, Don Marks, Mr. Meech Lake (I'll get you for this one Chris), Mike Dean, Curtis Desjardins, Darren Redfern, Steve Butler (was he here?), Frank Letniowski, Tom Vandelo (exactly what were you and Frank doing downstairs all night), and Anna and her friend.

I would also like to give thanks to Marion and Graphics Services, Little Caesars and Brenda in the C+D for the donuts.

Rick McTavish

Top Ten Reasons Why We Like Rick

our new mathNEWS editor

10. He now knows what not to do when a power surge hits
9. He probably won't reproduce
8. He doesn't know who Ducky is either (sorry, Mr. Smith)
7. He's heavily into making fun of the Imp'tint
6. After a brief beating, he consents to ordering large pizzas
5. He has no ambition to run for office...or to do anything else
4. He's single, so his girlfriend won't be mentioned on every page of every issue
3. He doesn't understand C+O any more than anyone else
2. He has no qualms about printing risky ProfQuotes (sorry, Mr. Smith)
1. He runs a black market hamster farm and his dad owns an electrical tape store.

{Ed note: Actually I get the electrical tape from a friend of mine from my high school days.}

Bubba

UltraClassifieds

UltraClassifieds are presented as a free service to Math students. If you have anything you would like included, write your ad down on a piece of paper or anything that's handy and submit it under the door of the mathNEWS office (MC3036) or in the BLACK BOX in the MathSoc office.

The mathNEWS staff would like to congratulate semi-ex-mathNEWS staffers: Chris J. Fievoli, Stuart L Hodgins, Frank W. Letniowski, and David L. Treble on their graduation last Saturday. We wish you good luck in your future endeavours (you lucky bastards.)

$\pi = 3.161507028782656...$

G18912

Attention Maritn Chidichimo:
Please introduce yourself.

Your Math 230B class

Lost: A set of morals, last seen near Tropicana. Please return to Lu as soon as possible.

Lost: One 180cm tall blond hunk. No visible tan lines. Was wearing a G-string with a \$20 bill strategically placed. Answers to "Nick". Last seen on a milk crate at the Tropicana. Please return to Lu as soon as possible.

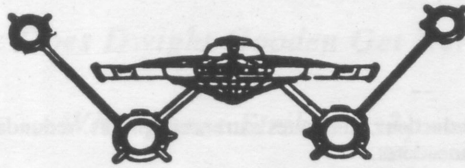
Homework Avoidance, Inc.

Every Friday and Saturday night: "Rudolph Valentino" at Fed Hall.

Teddy Bears available for Blue films. Please see the girl with two pairs of underwear.

The boy with the hole in his sneakers and his toad are now accepting food donations. Dempster's Bread and fruit flies preferred.

STAR



TRUDGE

The Final Battle Part 1

Undisturbed space, so black, yet with the pin holes of light piercing through its eerie emptiness. In this backdrop, something moves. Springing from amongst the stars appears a gleaming object ... the W-shaped format, the champion of all mathies ... the W.U.C. Watprise.

Aboard the Watprise, Captain Jirk and Dr. McToy are trying to eat lunch in the ship cafeteria when ...

"Captain, would you mind if I joined you?" asked Mr. Schlock.

"Sure, Schlock ..." started Jirk when McToy grabbed his arm and motioned him closer.

"You don't want to eat at the same table as Schlock." whispered McToy.

"Why not?" asked Jirk, but stopped short as he heard it, a grinding, nerve-wracking noise. He slowly turned towards the source of this sound: Mr. Schlock. His mouth gaped open as he saw the reason for this noise as Schlock inserted another carrot stick in his ear.

"I told you so." said McToy, speaking in a manner which indicated that he was having trouble keeping his food down.

Oblivious to all this, Schlock said "Captain, I have been doing some research and with the help of the ship's sensors, I have come to the conclusion that the campus is shrinking in size."

What's New in the SAC

Lots! Co-op SAC, the Student Advisory Council to Co-Operative Education and Services, is the forum for student feedback to Needles Hall. Previous feedback has led to a couple of new ideas.

There is now a way to check up on an employer before you rank them. It's called the Student Workterm Summary. All co-op students fill this form out during their return to campus interviews. These forms are then kept in a filing cabinet in the Career Resource Centre on the first floor of Needles Hall. So now when you go through interviews you can look through the summaries and see what the last student thought of the job you're applying for. It's a great way to reduce the risk of getting a job you don't like.

There is also a new Co-op handbook. It contains everything you need to know about interviews, work reports, co-op regulations, etc. The first issue will be handed out to the frosh in September. This handbook will also be available in the bookstore for purchase by upper-year co-ops.

If you have a co-op question, problem, or idea, just contact one of your Math SAC reps: Wayne Feick, John Herbert, Brett Martin, or Amit Parghi. For the most recent placement statistics look on the SAC board outside MathSoc (MC 3038). The next meeting is Tuesday, June 14 at 4:30 in NH 1029. All welcome.

DID YOU KNOW: If you take a ninth school term you don't have to pay your co-op fee (since your total co-op bill is divided over your first 8 terms).

Brett Martin, SAC Chairman

"What?!" exclaimed Jirk and McToy together, forgetting their revulsion to the fact that Schlock was munching on a celery stick while he was talking.

"Actually the campus is being drawn into a focal point, much like energy being drawn into a black hole." continued Schlock.

"Where is the focal point that is causing this?" asked Jirk.

"Well, after much analysis of my research, which consists of gravitational readings over the past few months, indicates that the focal point is the Campus Centre. I have also discovered the cause of the problem." stated Schlock.

"Which is ..." led Jirk.

"Just a minute, Captain." said Schlock as he stood up and punched the code for an entire cabbage, placing it on his chair.

Seeing this Jirk and McToy jumped out of their own seats and yelled in unison "You can eat later, Schlock! Tell us about the problem first!"

To their immense relief, and probably to their stomach's too, Schlock put the cabbage onto the table and sat back into his chair, continuing the report of his investigations.

"The problem we have is the same as that of events which happened two years ago in the Village 1 cafeteria and 8 months ago in the Brampton hospital. Those events were smaller incidents, though. In Village 1, some excess lasagna was left sitting for two weeks and attracted tables and chairs due to its dense mass. The other incident in Brampton, was first detected when hospital beds were found rolling towards one of the waste paper baskets, which was later found to contain 20 copies of Imprint."

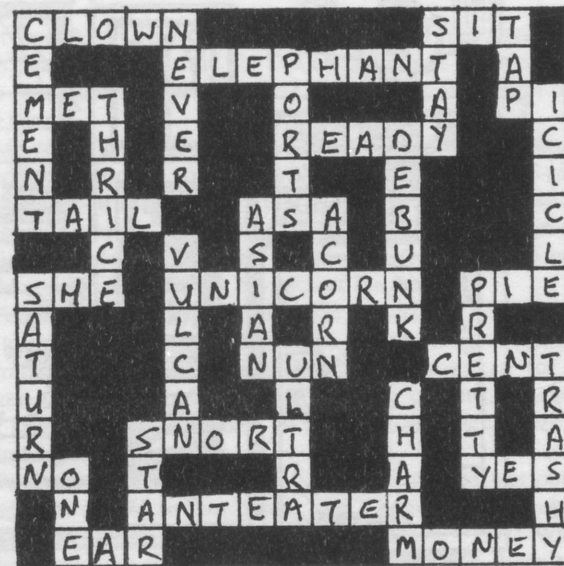
Then Jirk and McToy clued in: the Campus Centre, and something very dense. "Of course!" exclaimed Jirk. "All of those Imprints that have been accumulating over the years have been attracting matter."

"Yes" said Schlock, "The matter in and around the CC has 2 to 8 times the density that it should have."

"But how do we give the matter its normal density?" asked McToy.

"That is for us to find out in the next issue of mathNEWS." stated Schlock.

The Hairy Deltan



The Prof Control Panel

Mark II

The University of Waterloo will be installing the *new* Prof Control Panel in various desks throughout the university on a trial basis in order to try to improve class attendances. Here is a brief excerpt from the operator's manual accompanying each panel.

Prof Eject Button: For that boring part of the lecture when you just want to send the prof through the roof.

Prof Nuke Button: Similar to the Eject Button but with a more dramatic mushroom cloud effect (usually takes out the first two rows of keepers as well). Radiation suit not included.

Prof Zapper: A quick charge of 500 000 volts can easily tell a prof to get on with the lecture.

Prof Volume: Allows you to sit in the front without shattering your eardrums, or in the back and still hear the prof.

Prof Rewind: Time warp back to an earlier point in the lecture.

Prof Fast Forward: Comes in handy when the class is only halfway through and you're late for dinner.

Prof Brightness Control: To reduce the effect of those fluorescent Friday ties.

Prof Record: Lets you (re)view the lecture in the comfort of your own home. The Panel automatically selects a premium or cheapo tape, based on the quality of the lecture.

Prof Stereo/Mono Switch: Changes professor's voice from a monotonic drone to a high-pitched whine with spurious glitches. If the prof is female, this switch has no effect.

Prof Noise Reduction: Eliminates extraneous proofs, redundant lemmas and useless anecdotes.

Prof Balance Control: Allows the student to adjust the lecture's theory vs. practise ratio.

Prof Language Select: Choose one of Chinese, Czech, Yugoslavian, Swahili, Esperanto or Pidgin English.

Prof Font Select: Choose from a gallery of blackboard fonts: Greek, Hebrew, Chinese, Bodoni, Old English or Cyrillic.

Prof Gear Selector: Choose 'D' for normal lecturing, 'L' for low-gear grinding through DE's, 'R' for "if and only if" proofs, or 'N' for catching your breath after an exhausting example.

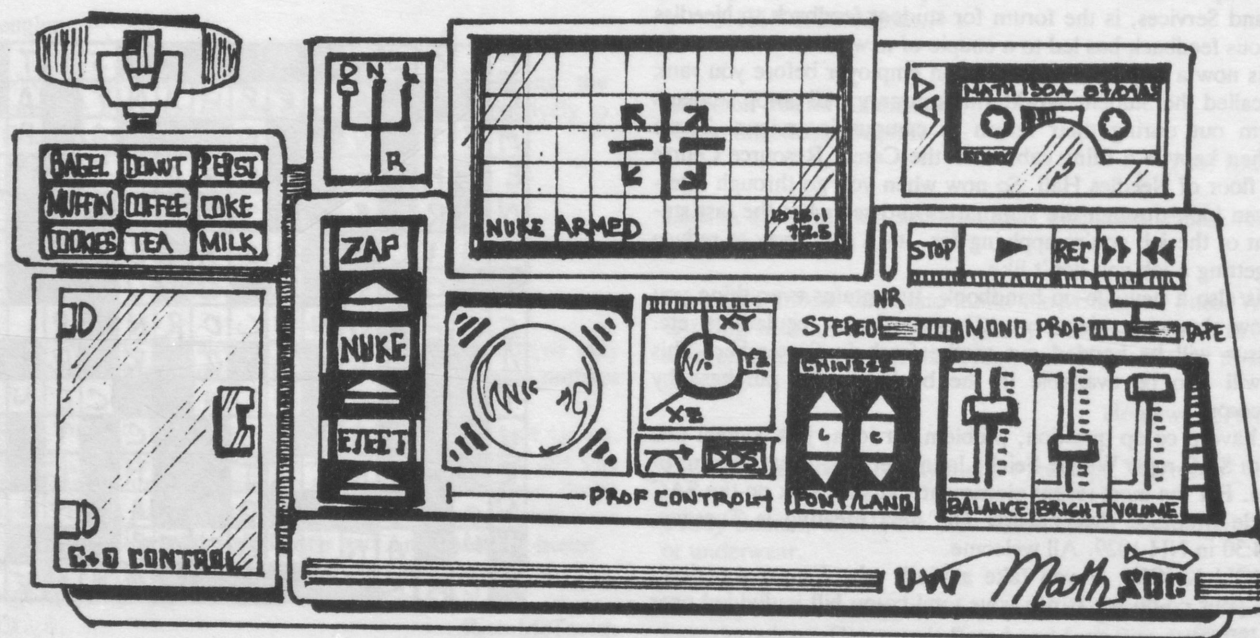
Prof Cruise Control: Set the most comfortable cruising speed for the lecture. (We advise setting the speed below the legal limit of 50 (boards per lecture, that is). Failure to do so will void the warranty.)

Prof Motion Trackball with Plane Control™: Move your prof around in 3-space with an ergonomically designed Trackball and continuously variable oblique Plane Control™. During rougher lectures, drive your prof up the wall; during better ones, help him reach that top blackboard in MC 2065.

Directional Derivative Switch: Used in conjunction with Trackball and Plane Control™ to send the prof off on a tangent.

C+D Control: Signal the C+D to beam in the beverage and snack of your choice.

Georg, Vainamoinen and Jordankovic



mathNEWSquiz #2

(Or: Does Dwight Gooden Get Nervous

With Three Strikeouts?)

Hello again. Well, I've finally returned to campus, only you find things are as sordid as usual. But hey – I finally got my degree this weekend. So what am I doing back here? Gee, I dunno...Rick's good at talking people into things. All I have to do is keep Tom away from my terminal (he's a very rude person). Anyways, it's summer, so I'll get right to the heart of the matter.

Dogs

Name the dogs that appeared on the following T.V. shows:

- 1) My Three Sons
- 2) The Jetsons
- 3) The Beverly Hillbillies
- 4) Magnum P.I. (Pick 'em.)

Music

Name the artists that recorded the following albums:

- 5) Twelve Dreams of Dr. Sardonicus
- 6) Aoxomoxoa
- 7) Ogden's Nut Gone Flake
- 8) Metamorphosis

Student Glossary

Any student who ever took a mathematics course knows that certain words and phrases occur very frequently. This glossary might eliminate any confusion.

When the Instructor says:	He really means:
Trivial.	The student might be able to do it in three hours or so.
Simple.	An "A" student can do it in a week or so.
Easy.	This topic would make a good Master's Thesis.
Clear.	The lecturer can do it (he thinks).
Obvious.	The lecturer is sure it is in his notes somewhere.
Certainly.	The lecturer saw one of his instructors do it, but has completely forgotten how it was done.
Left as an exercise for the student.	The lecturer lost his notes.
Is well known.	The lecturer heard that someone once did it.
Can be shown.	The lecturer thinks it might be true, but has no idea how to prove it.
The diligent student can show...	It is an unsolved problem – probably harder than Fermat's Last Theorem.

The Nightly Hacker

Crime

- 9) Alex Hidell was a pseudonym of what infamous assassin?
- 10) What year was Britain's Great Train Robbery?
- 11) Dr. Thomas Neill Cream was one of several believed to be what well-known murderer of the Victorian Era?
- 12) What former Yankee was recently tried on drug charges? (Clue: He was the first player to bring a hairdryer into the clubhouse.)

Now the answers...I've forgotten them...no, wait, here they are: 1) Being There (I like to watch) 2) Citizen Kane (Rosebud?) 3) One Flew Over the Cuckoo's Nest (We're watching the world series!) 4) Walking Tall (And carrying a soft stick) 5) 56 (4 novels) 6) Cocaine (That we know of) 7) A ship (No rude comments) 8) A Study in Scarlet and The Valley of Fear (Coming soon to a theatre near you) 9) Blue Jays (No kidding!) 10) Matty, Felipe, and Jesus (They once played the outfield together) 11) Bobby Thomson (The Giants win the pennant! etc.) 12) Reggie Jackson (I'm sure he'll appreciate being mentioned here) And the winner is...envelope please...go away, Tom...Amit Parghi, who tagged 7 correct. Amit is the winner of the mathNEWSquizExpert certificate, which he can pick up in MathSoc whenever he wants. Other submissive people were Beam-Me-Up (6 – I'm sorry, the rest of your signature was cut off by someone) Grandmaster Flash and Pete "One-Armed" Gray (4 – say, he hit .207 for the Browns, didn't he?) and Tomas, Stream 16 Scare-Bear, and Super Dave (Hey – the name's been used. And most of your answers were pretty silly) who all scored uno. Join in the fun! Do your squiz and shove your answers...in the LACK BOX in MathSoc (MC 3038) or under the mathNEWS office door (MC 3036). Do so before 7:11:23 pm on Monday, June 20th, 1988, or else. Till then, keep slogging.

One-Armed Phil, BMath
The mathNEWSquizmaster

A Different Height

By Mark Brewster

(a pseudonym)

I'll never forget the first time my friends at U(W) found out I was tall.

It was shortly [*ed.: no pun intended*] after Frosh Week, and I was (ahem) hanging out in the C+D Comfy Lounge when a friend asked me to come and look at something. I stood up—and forgot to keep my knees bent.

My friend's jaw dropped as I put my head through the ceiling. I immediately dropped to my knees, saying, "Boy, those stilts are so comfortable you forget they're there!" But it was no use; she had seen me standing straight. She tried to be rational, saying that maybe it was genetically predetermined, that it was all right from some people. But I could see that she had lost her respect for me.

People of regular height will never understand what we tall people have to go through: the agonising pain of forgetting to duck through a doorframe; the incredible anguish of being mistaken for a tree by drunken frosh at the MMT, or by dogs on campus. "Regulars" can never know the embarrassment of having a clerk say, "Size what?" in the clothing and shoe stores.

I'm writing this for all the tall people out there—the ones walking around bent double so that people won't notice—in the hope that one day we'll be able to stand up together and say, "OW! Why do they put these sprinkler systems so low anyway!" or "No, I can't fit in that car." All we're asking is a little understanding.

Finally, I'd like to remind all "talls" that there will be a meeting of Talls of Waterloo (TOW) in the large gymnasium at the PAC tonight at 8:00. Nobody who doesn't have to duck to get in will be admitted.

GRIDWORD

Hello again, and welcome to the first prize-awarding grid of the summer! yea, clapclapclap. Well, response was overwhelming (all of eight count em eight), so I made the grid harder this time. And, for the likes of Tomas, a conventional. Which means more to mark and a harder solution to draw... Ah well.

Anyvays (why is the screen on this computer twitching?) (Nervousness that it'll be relocated to the bill-ding?), the eight who did complete the grid were Scare-bear from Hell, 2A math; Tomas; Fletniowski (where have I heard that name before? It returns to haunt me again); Mr. Goofy, 2B; SAS, 3A; Smurf, 1988; Woody Tobias Sr (who FAXed in the grid, like wow); and Red Dog 2B (who got two wrong).

Comments : Too easy (15 min) not even a full stats class, great to be able to solve one of these for a change (from guess who), not bad for my first cryptic eh?, and thanx to floor-mates (West 4) for help. Suggested prizes were generally out of mathNEWS's budget, and if they weren't, do you really think we'd give them up? I mean, a '63 Corvette (mine), Kentucky Derby Cup (?), pizza (come out on production night!)? Yeow. As for the Natural Log or Pink Tie Bursary, well... um. My personal favourite suggestion was the Enter-Prize -- I'll work on it.

Okay, what you've all been waiting for (drum roll)... the announcement (bring in the strings)... of (brasses)... the winner (full symphony)!!! Envelope, please. (Actually, we tossed them all in the air and let 'em drop on the table, but this is more dramatic.) And the winner is, Smurf. Come to MathSoc (not mathNEWS) for your prize (which I'll know by then).

Then, good luck, and if you're stuck for something to do this weekend, Willow's at the King Cinemas, or there's a new fawn at the zoo which was born Sunday. Really cute. That is all.

Phindol

Conventional

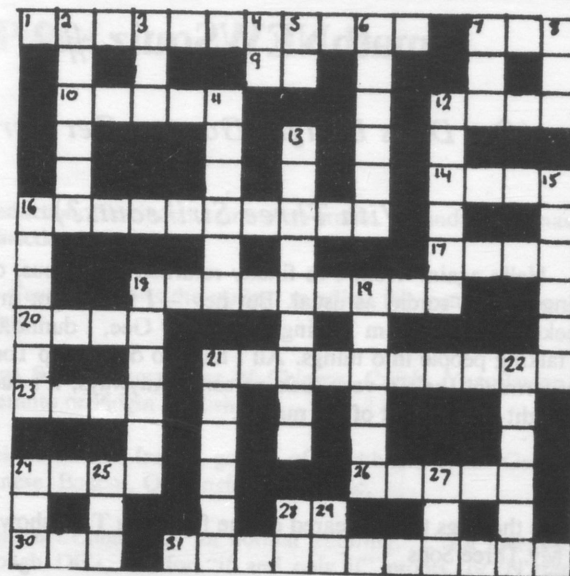
or: ordinary confoosion

Across

1. Sur-desire (11)
7. Bawl (3)
9. Exists (2)
10. Foster's (5)
12. Coil (4)
14. Wit (4)
16. Larynx (10)
17. Sheep (4)
18. Startled (9)
20. Post (4)
21. Epitome-ish (10)
23. Desire (4)
24. Serve (4)
26. Speed (5)
28. Atop (2)
30. Knock (3)
31. Earthly (11)

Down

2. Cried (6)
3. Pin (3)
4. Note (2)
5. Like (2)
6. Breathe (6)
7. Slalom (3)
8. Offer (3)
11. Fix (6)
12. Evil (6)
13. Experimental (9)
15. Bleak (6)
16. Being (6)
18. Miniscule (6)
19. Toboggan (6)
21. Lofty (6)
22. Protozoa (6)
24. Battle (3)
25. Gnome (3)
27. Senor (3)
28. Either (2)
29. Born (2)



Cryptic

or: added confusions

Across

1. Cross in post at head of wounded soldier in repose is spooky (11)
7. Group comprises chair, no article (3)
9. Tic-tac-toe on Taurus? (2)
10. Health formula: Weighty integrated circuits (5)
12. Receive straight claim (4)
14. Reformed con makes rod (4)
16. Unmade generic cot is central (10)
17. Wily troll on guard hides size (4)
18. Perfect, raggy, dun flower (9)
20. Positions at mouth of Ness red-shifted (4)
21. Raging ocean of noise in sky (10)
23. Half of endless celebration (4)
24. Dismember Arte (4)
26. Serpent nibbles a keener: Eeeeeek! (5)
28. Hip central king (2)
30. Being Lefty's earned run average (3)
31. For each heir, a burning question of character (11)

Down

2. Scale back to split grotto (6)
3. Seine thrown back catches half-score (3)
4. Leave, eternal deity! (2)
5. No longer a pointless hex (2)
6. Pleasant vista contains backwards mathie -- nice (confusing!) (6)
7. Endless fight at resort (3)
8. Article in cathedral (3)
11. Artillery from Coca-cola can? No! Never! (6)
12. Terribly happy rabbit is lightly leaping (6)
13. Delightful planet's interior is trimmed velvet (9)
15. Small boy holding up ovum fell behind (6)
16. Horse trots in regal, lopsided manner (6)
18. Tangled twine real bleak (6)
19. Cry of "Take off! A mouse!" contains well-known idea (6)
21. Bargain basement contains adventure games and horse gear (6)
22. Emergency! Run, get help! (6)
24. Merrily ate a drink (3)
25. Hatchet stuck in pale, waxen face (3)
27. Rally centres on every person (3)
28. Existence = Iodine + Sodium (initially) (2)
29. Answer to knotty problem (2)