

math NEWS

Friday, September 27, 1991

Prof Intimidation Techniques

If X is an indicator variable for event A , then $1 - X$ is an indicator for the event \bar{A} . If Y is an indicator variable for another event in the same sample space, then $XY = 1$ if both A and B occur. Therefore XY is an indicator variable for the event $A \cap B$.

Volume IV

MATH 137 PROBLEM SET #3 (FROM HELL)

DER PROF...

GIVE ME

A GOOD MARK

OR ELSE

(I KNOW WHERE YOU LIVE)

Indicator Variables

The number of ordered sequences of length n in which k letters are white is $a(a-1)\dots(a-k+1)b^{n-k}$. Hence

$$P(A_i A_j) = \frac{a(a-1)(a+b-2)^{n-2}}{(a+b)^n}$$

(5.6.3) we have

$$E(X_i X_j) = \frac{a(a-1)}{(a+b)(a+b)}$$

The covariance of X_i and X_j is $\text{cov}(X_i, X_j) = E(X_i X_j) - E(X_i)E(X_j) = \frac{a(a-1)}{(a+b)^2} - \left(\frac{a}{a+b}\right)^2 = -\frac{a}{(a+b)^2}$.

is negative because drawing white on the i th trial will be white. Finally, since there are $\binom{n}{2}$ pairs on the right hand side of (5.5.3)

$$\sum_{i < j} \text{cov}(X_i, X_j) = \binom{n}{2} \text{cov}(X_i, X_j) = \binom{n}{2} \left(-\frac{a}{(a+b)^2}\right) = -\frac{n(n-1)a}{2(a+b)^2}$$

(Problem). Suppose that n letters are drawn, let A_i be the event that the i th letter is white. Let Y_1 be the number of white letters and Y_2 be the number of black letters.

which is the distribution of these derivatives. (a) Same white is... (5.6.2) $S_n = \dots$ (5.5) \dots balls \dots (1) $P(A_i) = \dots$ and $E(X_i) = \dots$

Look Ahead

mathNEWS	
October 7	Issue #3 production night 6:30pm, MathSoc (MC 3038)
October 11	Issue #3 hits the stands
Math Faculty	
October 4	Course drop deadline
MathSoc	
September 30	Euchre Tournament
October 3	Bridge Tournament
October 4	Engineering Scunt
October 9	An incredibly bizarre event
Co-op	
October 15	Interviews start
October 24	Late Postings start
October 31	Interviews end
November 1	Ranking forms available
Cinema Gratis	
October 8	Casablanca
October 22	Princess Bride



MGC

Special thanks to all those who helped make last night a great success. Everyone had a great :-) time at our first term get-together at the Huether.

And if you missed it :- (, stay tuned and watch for the next event. Upcoming events and happenings:

- Grad photos taken October 1st-9th. Signup outside C+D, 3rd floor. TODAY.
- Grad Group Photo. October 2nd. Watch the 3rd floor display case for time and place.
- Pizza Day. Wednesday, October 2nd.

Reminder: Be sure to have your grad photo taken this term. You MUST have your grad photo taken this term in order to appear on the graduate composites and in the yearbook.

We've already received lots of great support and enthusiasm! :-) New suggestions and ideas are still welcome—just drop by the MGC office in MC 3042 or leave a note in MathSoc office.

Angie
MGC '92 Chairperson

Soc Toc

Welcome to Soc Toc, the column where I, or one of my trusted cohorts, tell the rest of the math-type people what's going to be happening in the next few weeks - as far as social events go.

Imagine you missed the social event of the season, and your dream girl (guy) said "Hello" ... to somebody else. The breaks are, you never get a second chance to go to all of the cool cool things that are happening. So you have to know what's going on BEFORE it happens. That's where Soc Talk comes in.

This column is a VERY RELIABLE source of information. It will tell you what's happening when, where, why, and how much \$. Another way to find out is to look at the posters that are up around the math building. One of them just might tell you something. Also, consult lookahead, usually located on the 2nd page of mathNEWS in the top left corner.

So, what's coming up, you ask? Well later today (Friday Sept 27th) 44 rowdies will be boarding a bus to Toronto to see the Blue Jays kick some butt. However, there are no tickets left, so I'll move on to the next item.

In order to facilitate numerous requests over the years, the *Bridge & Euchre* tournament has been split into two nights. Euchre will be played on Monday Sept. 30th, and Bridge on Thursday October 3rd. Sign up with your partner in MathSoc and submit your \$2 registration fee. This will be refundable the night of your tournament (provided you show up.) The location, as always, is upstairs at the grad house; the time: 8:00. For those who don't know, the grad house is located on the hill across from EL. Most undergrads don't get many opportunities to see the inside of it, so you shouldn't pass up the big chance when it comes along. The grad house, incidentally, is oh so cool. Be there. Because it's fun.

Be sure to read the article elsewhere in this issue of mathNEWS concerning the *Havenger Scunt* on October 4th. You won't want to miss this.

On October 9th, pending administrative approval, we will have an *incredibly bizarre event* happening. The event will be a fundraiser/food drive for the K-W food bank, and will include a barbeque, a kiss-and-make-up booth for the adventurous, and a big bizarre surprise. Location is TBA. Cash outlay will be minimal and proceeds are going to a good cause. Remember, even though you're a student, you eat more often than some people out there. Watch for posters, banners, and further details in Imp'tint. Because it's fun & it's for a good cause.

Tickets are on sale now for *Oktoberfest at Bingeman Park* on Thursday October 17th. Tickets are going for \$7 (math) and \$9 (non-math). See MathSoc for your tickets. Because it's fun.

Quit bugging me! ROCKY HORROR is coming!

Our first barbeque is looking for a few good men (and women). No experience necessary - just an imagination or a couple hours to kill (or both). Leave me a message with your name & phone # on my board in MathSoc.

And you say "Karen, you never miss all the cool, cool things that are happening!" BINGO!

Karen Wasslen
Social Affair Director

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Editor: Mike Reade, Betty-Jo Hill

Pure Math Club

the Next Generation

And the vicious circle starts again...

Welcome! The Pure Math Club is off to a flying start, with this summer's executive in Paris, France and half of this term's executive recently returned from Hungary. Executive elections took place last Friday, with results as follows:

President: Sharon Fournier (subject to successful registration)

Vice Pres: Wayne Liu

Secretary/Treasurer: Nikhil Shah & Colin Springer

Many thanks to all those who came out and voted!

We also held our organizational meeting recently. If you missed it, and wish to become involved, don't panic! Drop by our office (MC 3033) during office hours (which are currently undetermined, but usually center around the lunch-hour) and join up! For the low fee of \$1, you become a member, and are thus entitled to all membership benefits (membership has its privileges ...).

The PMC has formed a student chapter of the Mathematical Association of America, which entitles members to vastly reduced prices on MAA journals, including the American Mathematical Monthly, and on MAA books. If you're interested, be sure to drop by our office for more information on how to join.

While we're discussing the lofty reaches of mathematics, the Putnam competition is coming soon, and the PMC has an uncountable (you try to count them!) supply of problems to help you prepare. Once again, drop by our office, and see if you can baffle the office-workers with some! Of course, the Putnam coaching sessions are held weekly at 7:00 PM in MC 6091A, with freshman meetings on Tuesday, and upper year meetings on Mondays. Small but tasty refreshments are served, if you can beat Colin to them!

As usual, we'll be having weekly talks this term, every Thursday between 12 and 1 (subject to room booking). Of course, pop and doughnuts are free at all talks. You may have missed it, but yesterday the squad from Budapest gave a talk about the Budapest Semesters in Mathematics, a lively and witty discourse which was enjoyed by all. Nagyön szepen koszonom!

As far as extra-curricular social-type activities are concerned, we'll be having some fun now, my oh my. There will be a club BBQ sometime later this term. We're also organizing a joint UW / U of T Math Day in Toronto. Plans are underway for a movie marathon weekend, as well as the odd field trip to the odd movie theatre... Of course, there will be the usual end-of-term Christmas party in conjunction with the other clubs, as well as lots of other fun stuff to be determined later.

The PMC has formed a volleyball team, which lost its first game (but a great time was had by all...and it was an outstanding first practice, too!) We're ready and willing to take on any club at anything, at any time. Let us know, and we'll pencil you in! We've also got a football team, which kicks butt!! (yeah, yeah...we lost our first game...so what? We took pity on the other team! Yeah, that's it!)

You can reach the PMC by either dropping by our office (MC 3033), calling us (x6139), e-mailing us (pmclub@watserv1) or just showing up at an event (look out for our signs!). So come on out, join, and enjoy a great term! We're looking forward to seeing you out at our events.

sterceraestuarra yr:
NCioklhiinl



Pres. Sharon



V.P. Wayne

The University of Waterloo Bridge Club

BRIDGE LESSONS!!

- learn the world's most popular card game

With the course fee of \$10 receive:

Text

Membership in ACBL for 6 months

T-shirt

fun, excitement, adventure!!

For information, contact Eric Sutherland at

747-0286

esutherl@descartes

Act Sci Club

Your new executive (with a special guest in brackets)	
President	Betty-Jo Hill (the only member of the Act Sci club who's likely to graduate with a degree in Applied Math)
Vice President	Kevin Reimer (but his verse is freeform)
Treasurer	Raj Lehal (aka ex-pres)
1st Year Rep	Nasreen Ali
2nd Year Rep	Greg Lawrence (ran for every job)
3rd Year Rep	Albert Tiw
Secretary	Graham Durrant (says he did it in high school)

Memberships are now available for \$2 in our office (MC 3034 to be transformed into 30² soon) during (fairly) regular office hours (10:30-1:30, Mon-Thur)

New: Members can join our communication skills group to practice public speaking and interview skills. Don't be shy. Sign up on the door (to our office, that is, MC 3034) preferably by today so that we can improve before interviews!

Picture a well-stocked fridge. Picture Vancouver on a sunny day. Now forget all that and see the reality of the Act Sci Club office all packed up and no place to move (actually we do have a place to move to, 30², it's just not ready yet). That's the state of affairs, but were willing to lend any questions from old actuarial exams that you can find in our boxes! (That is of course, the exams which are old, not the actuaries.) Who knows we may even have moved by now. (I'm not holding my breath.) Then you'll have to look for our new spacious office down the hall.

What else is going on this term? Tentatively (I'm guessing (We haven't had an exec meeting yet) Hey! Where did that other voice come from? (I didn't hear anything). Oh.) Actuaries will give talks— (But my prof's an actuary and he talks all the time in lectures!) Let me rephrase that. Actuaries from the real world— (But my prof's an actuary from the real world.) Well, I really don't know who will talk to us!

Some-what less tentative is a post-exam bash (for any neophytes out there in mathNEWS land that's post-November actuarial exams) and a talk by the president of the SOA (not Society of Acronyms, but Society of Actuaries)

So come by the office sometime and ask questions.

Not the Secretary
(and annoying guests)

Discrimination Against Primes

Discrimination against primes is a topic that has received a lot of press lately. As a prime, I'd like to present my perspective on the issue.

In an attempt to correct the historic imbalance in the proportion of primes in certain intervals of the number system, a variety of programs have been initiated.

It has been proven that there are an infinite number of us. Nevertheless, you keep counting us!! That makes us uncomfortable. If you'd quit treating us as special and putting us under a microscope or spotlight, maybe a few more of us would appear.

We have the feeling that if even one prime lets you down, you'll taint the rest of us with the same pencil, and make us all zero. Just like every composite number differs from every other composite number, every prime is an individual too. Some of us are even proud to be prime!

A Prime Number

I'd like to acknowledge "Discrimination Against Non-Evens", which appeared in a 1985 issue of mathNEWS.

Dean's Honours List

mathNEWS wishes to congratulate the following distinguished students of the summer term: ASTLEY, Derek John; BALDWIN, William Jonathan; BEARWOOD, Fiona Nicole; BENDER, Lorraine Joyce; BERGSSON, Diane; BHANJI, Zahir; BLACKLEDGE, Andrew George; BOK, Wai Kee; BOS, Audrey Joanne; BRISEBOIS, Michael A.; BROWN, Daniel R. L.; BURTON, Paul Kenneth; BUSCHE, Joanne Jennifer; CARRIERE, Jeromy; CHAN, Caroline W. H.; CHAN, Steven; CHAN, Yau Leung David; CHAU, Hon Wai Lawrence; CHEUNG, Alice Man-lok; CHEUNG, Kar Yan Karen; CHUI, Bo Yue Janis; COUCKUYT, Jeffrey Darren; CRAFTON, Bradley D.; CUMMINGS, Peter Daniel; DAVIDCHUCK, Matthew; DAVISON, Timothy S.; DEMAITER, Elaine Mary Rose; DIMITRIOU, T. Eugene; ELLIS, Katherine Anne; ERICKSON, Julie B.; ERMERS, Kevin Robert; FANG, Lijiang; FARELL, Cesar; FEDY, Jennifer Jane; FRAZER, Garth Douglas; FREDERICK, Stephen Robert; GOLOMBEK, Eric; HARTNELL, Louise Michelle; HAWKINS, Michael David; HERBERT, Daniel Alexander; HEINZE, Matthew P.; HENSON, Kae Anne; HILL, Warren; HSIEH, Tse-Tsin; HUBER, Barbara Marie; ILES, Micheal; ISHIZAKI, Maki; KEHL, Roger C.; KLEIN, Scott David; KLUMP, Stephen Robert; KOELLER, Judith Anne; KOFMAN, Anna; KOLESIAK, Mirosław; KUCHARIC, Cheryl Marie; LANDRY, Bruno Stephan; LAPENSEE, Roxanne; LARSON, Johan G.; LAU, Tin Chi; LAYCOX, Jeffry Raymon; LEFEBVRE, David Joseph; LEITMAN, Robert Kenneth; LEPPINEN, David Michael; LIN, Ka Leung; MA, Wai Man Therea; MACDONALD, Robert; MARTIN, Colin Roy; MAXWELL, David Aquilla; MCCARTHY, Thomas Stephen; MCHARDY, Ian Roger; MEHTA, Atul Kishor; MICHAIL, Amir; MOMOH, Oshoma; MOORE, David Alex; PARKINSON, Scott Terrance; PASCAL, Jodie Karen; PEIRCE, Stephen; PRIEKSAITIS, George William; PTASHNY, David; RAOUX, Daren; ROBERTS, Collin D.; SCHIEDEL, Juanita; SCHOFIELD, Michael B.; SPENCER, Scott William; SPIRO, Vanessa; STAHELI, Dan; SZE, Channing; TAE, Paul Robert; TOLONE, Elizabeth; TOMLINSON, Stephen Ivan; TONG, Karen Tak-Kar; VANDERPOST, Gerald Peter; WAI, Betsey Wan Po; WARRACK, Lynne Margeret; WIEBE, Jonathan; WILLIAMS, Damon Grant; WINGER, Gary Bruce; YEUNG, Kin Pong; YIU, Sze Chun; YU, Ka Wah Angela; YU, Rok; ZHANG, Connie; ZHANG, Ming Ming; ZHANG, Yang.

Graduated on the Dean's Honour List: PLUT, Margaret Dajana

Added to the Dean's Honour List retroactively: WONG, Vince; CHAN, Yau Leung David.

CSC Flash

A message from the Chair

Welcome to the second CSC flash. I, Calum T. Dalek, have much to report. First, the new exec of this term is: Wiktor Wiewiórowski is Prez, Dale Wick is VP, Mike Van Lingen is Treasurer, Grant McArthur is Secretary, and Ed Bourne is Sysadmin. Yesterday was a tutorial on X-windows, and if you missed it, you might try asking a friendly CSC office staff member for help.

In the future my exec has many things planned. Tomorrow (Saturday the 28), there will be the ACM programming contest trials. Come by the office for details and to sign up.

The exec is attempting to have several exciting speakers this term, also. We also are going to purchase some books and would like your suggestions on some worthy books.

In other news, the Watcsc computer accounts have been restored, and if you have any problems with your account, then ask an office staffer for assistance. We also have permission to get ethernet for Watcsc, so watch for a poster on the door to MC3037 (the office), on what this will mean.

Well, I must fly to Australia now, so until next time keep the CSC flame alive.

Calum T. Dalek

Attention Scavengers

Hear Ye! Hear Ye!

Attention all Math Students (I know you're out there). It is time once again for the Engineering Havenger Scunt, and, as usual we are entering the strongest team in the field. Although we have not yet captured the brass ring in this battle of wit, stamina and courage, I am certain that with YOUR help, we can come through in the clutch.

Math has entered a team in the Scunt since Fall 1989 when the Math Society decided that there was not enough interest amongst Mathies to hold a scunt of our own. So we invaded the Engineers' camp, and the rest is history. But we want to do better!

I can hear you now ... WHAT CAN I DO? Well, every Scunt has many stages. In past years, groups have gone on Road trips to Ottawa, Detroit, Buffalo, Erie (PA), and Toronto/London (of course). Special missions must be carried out at these locations, which are often not revealed until you reach the proper rendezvous. On top of that, there are the trivial trivia questions, local items, and, of course the ever popular events and bribes (certain duties that you must perform for the Scunt Gods). In past years, Shakespearean skits, impromptu boat racing and pizza guzzling have been on the menu.

So now that you are all revved up about it, where can you go for more information? Well, all you have to do is get in touch with our Fearless Leader, Mike Reade (who is strangely enough the co-editor of this fine publication), either through the computer network at mdreade@descartes, or by signing the BIG list that is in the MathSOC office (MC3038).

This is our year ... but we need your help. If you liked the Scunt during Frosh Week, you're gonna LOVE this one.

Boris Badenoff

Rhetoric

You really have to question ABC's decision to remove the stuttering scenes from *A Fish Called Wanda* a fortnight ago... lucky for us here north of the border, we had the *City-TV* simulcast... still, how can anyone watch that movie WITHOUT the *Michael Palin/John Cleese 'Cathcart Tower Scene'*?... Come to think of it, how many scenes are LEFT?... I wonder if these "stuttering lobbyists" will go after *Porky Pig* next ... while we're on the subject, can anyone explain to me why the *Roadrunner* cartoon was scrapped... now it's the *Bugs Bunny/Tweety* show... yeah, right like *Tweety and Sylvester* are any less violent...

... so *Vanilla Ice* has had to cancel yet another show due to poor ticket sales, this time in New Zealand... how many cancellations is that now; 20 000? Is anyone surprised?... would YOU spend your hard-earned money to watch a *New Kid* on steroids do a bastardized version of *Queen/David Bowie's Under Pressure*?... How'd you like to be a 16-year old kid, playing junior hockey for the first time, and the first guy you have to check is *Eric Lindros*?... how about *Canada Post* suing the *PSAC* because of the latter's 'going on strike and thus failing to provide essential services'? Now, what's wrong with this picture? Speaking of strikes, here are some of your rhetoric answers to the rhetorical question "What is the last group of people you'd want to see go on strike?"

Brewery workers or beer store workers; meditators; U(W) staff, then we might have to transfer to a LESS DESIRABLE institution (like WLU or Carleton.)

This week's rhetorical question is 'Why are you here?' Submit your answers into the BLACK BOX by Monday, October 7th; the best ones will make for pretty good rhetoric next issue.

The Medieval Gladiator

Fall '91 Want-Ad Awards

Most Descriptive Job Title ("co-op student", of course): Bell Cellular Inc, Markel Insurance Company of Canada, Xerox Research Centre of Canada

Dr. Dolittle Need Only Apply: Apple Canada Inc. "... individual with goos communication skills" (Aw, shucks, I can only speak duck)

The This Belongs In A Horoscope Award: Berner & Company who state that "a long term relationship is possible" (but you must have "a love of the art")

Most Exciting Job Description: City of Toronto Computer and Information Systems. Tasks include: operate high speed laser printer, use stapler, separate output, mount tapes, shift work and periodic overtime.

Best Office Location Award: Digital Equipment of Canada Ltd. "from your base in Toronto on the subway line" (bring your own basket and cardboard sign)

Lunch is Provided Award: Information and Privacy Commissioner "utilize the JAM environment"

The "You Want Bottles or Cans?" Award: John Labatt Limited "Excellent compensation is available"

The "We always knew they were for sale, now you finally admit it" Award: University of Waterloo Dept of Computer Science "Duties will include *marketing of assignments*"

The Coolest Perk Award: Alias Research Inc. Yes, you actually get to meet the Terminator

The Most Unconvincing Hype Award: Arthur Anderson & Company "the fastpace, exciting world of the Tax Professional"

The "Just who do you want?" Award: BNR Semiconductor Design They want students at "ANY" level. They are "seeking graduates". You try to figure it out.

The Really Tough Requirement Award: Burtch Correctional Centre "Applicants should have knowledge of a variety of recreational activities".

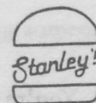
The Need To Know Award for shortest job description Award: KBS Technology, your job description in four lines or less, guaranteed.

The Esoteric Terminology Award: Environment Canada Atmospheric Env. Service, for the word "evapotranspiration".

The Golden Scissors Award: PSC Canada Where you can spend your precious youth "reading and selecting clippings".

The Fuzziest EJ
MacGyver

The Stanley Burger Philosophy



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

Experience the Difference of a
Fresh Home Made Burger
210 King St. N. Waterloo
(Across from WLU)
(Limit one coupon per purchase)

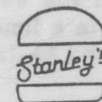
1/2 PRICE

ON ANY ONE OF:

-STANLEY BURGER

-DOUBLE BURGER

-SUPER STAN



Expires Oct. 11/91

Prof Quotes

Submit your quotes to the BLACK BOX on the 3rd floor. Some students were listening to something their prof said, apparently. Tune in and maybe you'll catch your prof at their best.

"She went and got pregnant on the job."

Bob Ellis, Bus 454

"I could never understand how anybody can abuse a kid. After I had kids, I couldn't understand how some kids could grow up without being abused."

Cameron, Psych 101

"If you want fast action in an emergency room, say 'Chest pain'. Next time I get a sore foot I'll say chest pain."

Cameron, Psych 101

"Why are we interested? If the air rises we get clouds, if we get clouds we get rain, if we get rain, we get wheat, if we get wheat, we get barley, and if we get barley, we get whiskey."

G. McBoyle, C&O 230

"Don't let less important courses like CS put you off."

D.M. Jackson, C&O 230

"If we can't solve it, we doubt there is a solution."

Lui, AM 351

"If I'm looking at a survival distribution and they died at the end of one year, they better not have come back to life at the end of the second year."

Gentleman, Stat 433

"So you actually have met engineers then, have you?"

Jackson, Math 245

"To some people a few inches means a lot."

Lawrence, Mthel 100

"This is a bad time for a class. I'm talking so I stay awake, but when I look out at you ..."

Mavaddat, CS 351

"The energy of the universe will be scattered, and everything will be very, very zero."

Dewer, EnvS 200

"What does it mean to compute? You're going to start this course with an answer. At the end of the course you'll say 'I don't know'."

Mauawad, CS 360

"So if you want to spend the rest of your life being driven around in a limousine, don't become a rock star. Become an actuary."

Rob Brown, ActSci 363

"If some guy runs you over and kills you, you don't have to worry. You're covered."

Rob Brown, ActSci 363

"Just because you can't do it doesn't mean it can't be done."

Ravi, Stat 230

"I can't do it, so this can't be done."

Ravi, Stat 230

"Hold the beer in one hand, the textbook in the other hand, and then you'll become the god of probability."

Ravi, Stat 230

"You smoke pot with feeling. Similarly, you do math with feeling."

Ravi, Stat 230

"Everyone's entitled to their half-witted opinions."

Lawrence, Mthel 100

"Some say we sprang from the apes. I say some haven't sprung far enough."

Lawrence, Mthel 100

"Don't look at him. Look at me, I'm more attractive."

Ravi, Stat 230

"Another application of probability is to find dates."

Ravi, Stat 230

"This is only done by people who have nothing better to do."

Ravi, Stat 230

"You can say n instructors, kill r of them, I don't care."

Ravi, Stat 230

"The final is to be determined after all the good airplane flights leave."

Limber, Math 235

"The midterm is on the handout I forgot."

Limber, Math 235

"Let's call the men A B C. Then let's call the corresponding partner little a b c."

Ravi, Stat 230

"I make mistakes, so feel free to shoot me if you don't like me."

Ravi, Stat 230

"You can be frigid and get 70%."

Ravi, Stat 230

"Education is secondary here."

Rehder, CS 131

The Turning of the Tides

Well, it appears to be a slow week at Hey University. Many of the regulars are out doing their assignments (surely they know that bridge is more important...), and those that aren't just were not interested in playing against Ace.

"Why won't anyone play against me anymore.' ', he belched over a cup of hot tea, with a twist of lemon. "I try to perform to the highest ability, and be as understanding to my partners' as possible for their stu...uh...unique ideas on the game. All I want is to play."

"Well, that little tirade you had last week wouldn't have helped any, you know. Telling the Dean that he was a twit, then not backing down on your position, even when he was given right by everyone in the room." That was Brenda, the local advice-giver. She doesn't play, but can be really considerate when the time comes.

"All in all, Ace, you were a real Jerk!!" (See what I mean)
 "True, but I still say I was right. Here was the hand..."

		NORTH		
		♠ AQx		
		♥ K		
		♦ KTxx		
		♣ AKQJT		
	WEST		EAST	
	♠ J9xx		♠ KTx	
	♥ QJTxx		♥ xxxxx	
	♦ AJx	SOUTH	♦ void	
	♣ x	♠ xxx	♣ xxxxx	
		♥ Ax		
		♦ Q987xx		
		♣ xx		

On the opening heart lead, Dean won with the King of hearts in dummy and played a diamond to the King in hand. That lost to the Ace, and a spade was shot through the dummy. When that King was offside as well, and the third club was ruffed, he was as dead as a doornail.

"Hmmm...I see what you're getting at," said Brenda, "If he overtakes the king with the Ace at trick one, then he can finesse the diamond safely, but won't have to worry about the spade switch."

Ace's jaw dropped to the floor. "Yeah! But how did you know that?"

"I've been picking up a few things here and there. Maybe I could teach you a few things..."

"Hmmm. I'd like that."

(Stay tuned for the intriguing continuation....next 2 week)

Ace Upmysleeve

Weather Forecast

The sky will be sunny with cloudy periods. Chance of showers and thundershowers. Variable temperatures, chance rain may turn to freezing rain, sleet or snow.

Same for next week.

MacGyver

Fed Stuff

Did you read Friday's Imp'tint? If you didn't you probably don't know that Fox Whistles will soon be on sale at the Campus Shop and until then 'Screamers' are still available for signout at the Turnkey desk. At last Sunday's Fed council meeting, it was decided to cut the first run of the safety van due to lack of funds. If the school administration does not realize the van's need and come through with some funding, and if corporate sponsorship cannot be found, there will be no more van. If that happens, I hope that the administration realizes its responsibility to student safety and reschedules night classes.

On a happier note, there is a group of students and school admin people who are holding meetings to discuss the need of a student centre. We will be going to you, the student, shortly in an effort to compile student need information. Be sure to tell me and all your friends if you would like to see more pink and green buildings on campus.

Mike Abramczuk - Fed Rep (one of many)

Unsolved Mysteries

Did you ever...

Skip a class and not even know until you went to class the next day...

Where to your dismay:

- The prof referred to material from the previous day's class and you couldn't recall having heard it.
- The prof referred to an assignment he had handed out and you didn't have one.
- Your notes for the last day were mysteriously absent...?

Did you reluctantly conclude you must have missed class although you had not decided to skip and you can't remember where you were at the appointed hour for the class?

Guilty as charged
 (Glad it wasn't a midterm)

Ultra Classifieds

Janet
 Congratulations from N4 on the 6 shooters

James Bond
 Saw you chasing someone. When you catch him let me know

THE G.P.O.T.W.

DP Pascal
 CALL

A.M.L.
 CS 242 assignment #4 is due Monday, Nov. 18th (y)our plans don't look too good

RAPID MINUS ARTIFICIAL INTELLIGENCE

Colonel
 happy anniversary. please send oreos.

the snark

Congratulations to J Felix who finally got a log of his own.

The Continuing Adventures of Major Booboo of CSIS

This Episode: Booboo gets killed

It is a city of conflict, of fast life, easy death, and the corruption of power. Its name is Ottawa.

It was a quiet night, the silence punctured only by the screams of some poor Tory MP who had made the mistake of wandering into NDP territory after dark. Screams and cries of "Take 7% of this." echoed off the dark skyscraper known as CSIS headquarters.

CSIS, like any other government agency, had an external pecking order determined, in this case, by the person's proximity to the underground bomb shelters. Thus, the lower one's office is, the more important their department is, and the more important they are to the department.

The top floors of the building are occupied by the Department of Redundant Investigations Department, the part of CSIS that employs those individuals who are completely useless to the agency but have accumulated too much blackmail information to be fired. This method of eliminating such individuals, while expensive, is considerably cheaper than the CIA method which consists of having the individual killed, then covering it up.

Major Booboo was sitting in his office—a lean-to on the roof—diligently performing his duties as a government employee (at least until the pickets all went home)—when a brick flew out of nowhere and hit him in the head. A note attached to it read, "Booboo, see me at once. —The Chief"

Immediately, our hero bolted for the stairs, tripped, and rolled thirteen floors. By coincidence, that just happened to be the Chief's floor, so he dragged his broken, bleeding body as far as the reception area before he realized that he wasn't really hurt. Sheepishly, he got to his feet and bolted into the Chief's office.

"Don't you ever knock?" bellowed the Chief, hurriedly stuffing a Barbie doll and several GI Joe action figures into a desk drawer.

"Sorry Chief," Booboo whined.

"And quit whining!"

"Sorry Chief."

Just then, an agent burst into the office. "Chief," he said breathlessly. "We've just discovered something vital in the investigation of the assassination of President Kennedy!"

"What?" asked the Chief (actually, 'bellowed intorogatively' is a better description).

"It turns out he was shot."

"Are you sure? You better double-check."

"Right Chief." The agent left. It wasn't called the Department of Redundant Investigations for nothing.

"Booboo, I have a case for you," the Chief continued. "There have been reports of religious warfare at one of our leading universities. Apparently, various factions are fighting over which is the One True Brace Style. Students don't have the intelligence to do that sort of thing on their own, so I suspect it's one of your arch-villains attempting to destroy all that we believe in."

"You mean someone's trying to make civil servants do actual work?"

"And more! Draw a weapon from the armoury, then go the the University of Kitcherloo and stop this foul plot."

"Right away," Booboo said excitedly. Stopping only at the armoury to get a fly-swatter and a water-gun, he began the investigation.

It took nearly three months of investigation, stakeouts, research, and undercover work but finally, he was able to get directions to the university.

He was just entering the campus when suddenly, the author realized what time it was and decided to continue the story in the next issue (if he felt like it).

Dances With Mind

Planes, Trains and Rental Cars

It was a dark and stormy night. I was getting wet, so I went to rent a car.

Actually, I was going to a wedding and I thought that it would be more classy to drive than to take a bus or cab. You know, babes aren't as responsive after getting all primped up and then spending half an hour on the city transit.

There are so many car rental companies out there (in the yellow pages under "A" for Automobile—rental & leasing), how is a person supposed to know which one to go with? It seems like every company offers cars with A/C, real G.M. cars, pick up and delivery service. So I gave in and started phoning every company. D..... gave me the best rate and just as I began to recite my name, rank and credit card number, my phone went dead. The reason, I'm sure, is because I hung up the receiver. What had come over me was the sudden realization that car is travel and maybe Travel Cuts would have a better rate. No such luck, but they did give me unlimited miles. To make a long story longer, I weighed the facts and a Grand Am from T..... was booked through Travel Cuts.

Round trip to Oshawa by bus, subway, train, bus, bus would have been about \$45, so I thought that I got a good deal at \$99.95 for the weekend.

Rules to follow should you follow in my footsteps...

1. Don't call all the different rental agencies, let Travel Cuts do that.
2. Book well in advance to get the car you want (unless you really want a Chevette).
3. Scruffy looking students will get worse service (welcome to the real world) than clean cut Joe/Jody Citizen.
4. Check to see if your credit card covers your CDW insurance in order to save \$10 per day.
5. Make sure you are old enough to rent a car since each company has their own age limit.
6. Don't get screwed! Make sure before you drive away from the rental agency that the price quoted is the price on your rental agreement.

May you travel fully tanked!

Kimbo

Vapidfire

U(W) has embarked on a bold new cost-cutting program by ending linen service to the residences, at an estimated cost savings of \$223,000. "This is just the first step," says an administration spokesperson, "we have already begun working out the cost savings possible by cutting out furniture, heating, water, and electricity." A Village Don (who we cannot identify) was heard to say "we would just like to convince them to save money by eliminating the village FOOD service. Excuse me, I have to go and eliminate some village food."

In a related story, the USSR has embarked on its own cost-cutting program by eliminating Lenin service.

Green office supplies are being promoted throughout campus. In response to this, the next issue of *mathNEWS* will be printed in green ink on green paper. *mathNEWS*, boldly moving Towards a Green Office. (look for us behind the green door).

the Fuzzy EJ
Dances with Minds

Questions To Lay Awake At Night And Wonder About

Why does the Bon Apetit Food Fair still have the same smell on the weekends when it obviously has not been open for the last twenty-four hours?

Why isn't a Bachelors Degree in Philosophy called a B.S.?

Why is the volume of the music in Fed Hall directly proportional to the number of people who want to carry on a conversation with the person beside them?

Why do people believe that I care how they get the caramel inside the chocolate of a Caramilk bar?

Did anyone ever ask the chicken what possessed it to cross the road?

Why is driving a car at the speed of light, just to test out the headlamps, such an interesting idea?

Bitsnatcher

Top Ten Things to do While Sleeping

10. Count profs jumping over a fence. (barbed wire) (electric) (very high)
9. Factor ∞ -degree polynomials.
8. Drink coffee and try to do the assignment that is due tomorrow.
7. Fill your bladder, for early morning (afternoon?) disposal.
6. Read Imp'tint.
5. Take notes in C&O 230.
4. Dream about dogs dreaming in black and white.
3. Delay a hangover.
2. Graduate from WLU.
1. Blow up Erica Ehm's house over and over and over and...

The Nihilistic Simpleton (with help)

The Disordered Union of Words

Shakespeare ... eat your heart out

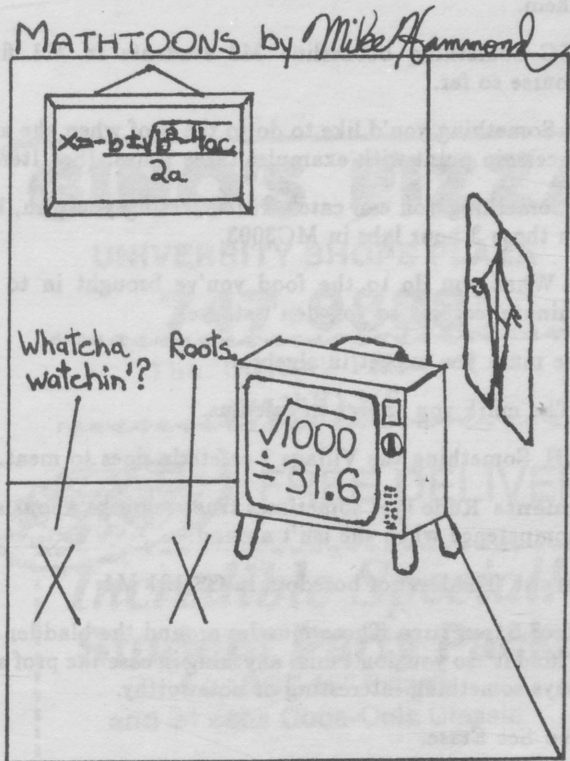
If music be the food of love, then I have heartburn. What is this Bon Jovi that dost be played from my rubber duck? Is it a monster that I see before me? Come! Let me take you out for a little snack after We're finished here. When will that be ... or not to be? Ah. That is the assertion that we made last week in PHIL 100. But now there is no more.

Marks. Marks. Wherefore art thou Marks? Deny thy tutor and refuse thine E. It is but a score, and a score by any other name would be better. The Professors howl in the pale moonlight. Blow winds! Blow! Cast the evil that inherits the earth aside and let the dawn be fraught with darkness. A dagger is in my heart, wrenching my soul. Ah to step off the curb and be blissfully smashed into oblivion.

But soft! What light through yonder terminal breaks! It is Orchid! Some one has fixed the Sun!

Let us rejoice. For today is born a program, and a lifestyle. (Flourish and Exeunt)

Sir Francis BECon



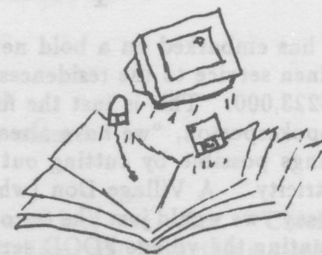
Deep Thoughts

I am strongly opposed to vigilante justice. In fact I have taken it upon myself to kill all the vigilantes on the streets of our fine city.

MacGyver

Frosh Computer Primer

All math frosh are required to take CS 131 at one level or another. So, as a public service to all M0 and M1 students, this is a handy list of definitions of computer terms. (Those of you in M2, go program Tetris in C or something.)



ADA The marks you expect for assignments (A), staying awake (D), and tests (A) in M0.

Amiga Spanish for "friend"; something your prof usually isn't.

Apple Something that the keeners in the front row polish for the prof.

Array Something you shout when the lecture is over, as in "Hip hip array!"

Assignment Giving value to variables and work to students; profs love both, and why not—it's the tutors who mark them.

BASIC Something borderline M2 students in M1 find the course so far.

Boot Something you'd like to do to the prof when she explains a certain point with examples three times. (See Iteration.)

Bug Something you can catch while freezing your, uh, butt off in those 3 hour labs in MC3003.

Byte What you do to the food you've brought in to the 90 minute lectures so you don't starve.

C The mark you expect in algebra.

C+ The mark you expect in calculus.

CHAR Something the Village 1 cafeteria does to meat.

Comments Rude (yet sometimes true) remarks about a prof's competence when she isn't around.

Constant The level of boredom in CS 131 M1.

Control Structure Those muscles around the bladder used to "hold it" so you don't miss anything in case the prof actually says something interesting or noteworthy.

Delete See Erase.

Disk Something in your back which can slip after hunching over a computer in a 3 hour lab.

End Something you think the lectures will never do.

Endless Loop See Iteration.

Erase Something the prof does to the board before you've finished copying the notes.

Error Not taking the M2 section and instead living through boredom. (See Constant.)

Execute Something you'd like to do to the prof when she tells you to read 2 chapters before next lecture.

Floppy The condition of the student's stomach after eating all the food he brought to the lecture. (See Byte.)

Function Something you can barely do during the 8:30 lectures.

Hardware The hammers, chisels, etc. you want to use on the computer when the server is slow. (See RAM.)

IBM The type of missile you'd like to drop on your lectures, just to wake everyone up and make things interesting.

Input Something you'd like to do with your fist and the computer when the server is slow. (See RAM.)

Iteration When the prof goes over the same thing again and again and again and again and...

MAC The convenience store you want to go to before lectures. (See Byte and Floppy.)

Output Something you do to the trash, such as your notes.

Printer A device that's either jammed, backed up, or out of paper.

RAM What you'd like to do to the side of the computer when the server is slow. (See Hardware.)

READ Something the prof expects you to do to your textbook instead of having a life.

REAL Something you want the prof to get when she gives the reading assignments.

REM What you'd rather be listening to.

RETURN Something you wish you could do the textbook you bought at the Used Book Store.

Shift Something you do in your seat constantly during the lectures.

Space Bar A bar where you'd like to be, instead of your lectures.

Terminal A type of illness you're likely to get in MC 3003. (See Bug.)

WRITE Something you can do to your friends at home during boring lectures.

M.C. Hammond

Nothing, Coffee and Bloody Frosh

To all of those who said that I would be overloaded with work in my first term here (OK, shut up, yes, I AM a bloody frosh), all I have to say is 'What planet are you from?' Maybe taking artsie electives is my solution, I don't know, I don't CARE, HA HA HA... Anyways, all I know is that CS 131 is a joke, MATH 135 is a joke, and MATH 137 ain't no joke. Onward, ho. This article is pretty insipid, so let's liven it up.

FREE BEER

No, I'm just joking, unless, of course, you're giving it away, in which case I'll have a Molson Canadian, please. What?! You're not giving away beer?! OK. Rum and coke, perhaps? NO? Ok, Ok, situation's under control...

The next useless topic is: Why does the coffee machine in the Math Lounge have nothing to hide the sorry state of its contents? You'd think that Red Carpet Food Services would have the intelligence to cover up an obviously deficient product, so as not to discourage the potential customer (at least the first time). Side note on coffee, Modern Languages has a similar coffee machine. Now, being in an artsie building explains the presence of that machine (I bet they even drink it, too). But you'd think they'd use better marketing strategies on us. While still on coffee, the coffee in Pastry Plus in DC is most excellent (I cannot speak for the other Pastry Pluses, having never patronized them), but why does it have to cost so much?

Anyways. Back to the topic. Which is, you say? Well, nothing. That's the whole point. Door.

The Nihilistic Simpleton

WHMIS or Well, Help Me I'm Smoking

I must admit that at the time, the thought of having to take an hour course on "How not to set yourself and everyone else on fire" was not really what I wanted to do during Frosh Week. Of course, government regulations require that students receive training on workplace hazards. The result was a ridiculous video and a quiz that any Artsie with a lobotomy could have passed. Here is a sample question:

What to do when your lab is on fire:

- Have a marshmallow roast.
- Remind your TA's that it's really THEIR problem.
- Run around waving your arms frantically, yelling "We're all gonna die!"
- Be a Hero (try to put it out).
- Try to save the game you were working on.
- Leave the building in a calm orderly fashion.

The point is that we never really learned anything. After filling out the questionnaire, we took up the answers as a class. As long as you can fill out the required bubble on your score card (which may be hard for some Engineers) you get a sticker on your student card allowing you to participate in all the lab exercises you want.

What's the point? It's not like we learned anything useful, and I've only ever been asked for it once! Why don't they just quit pretending to teach us useful stuff and leave it to the lab instructors. They're the ones who really know how not to blow things up 'cause they've tried it before.

Bitsnatcher

New Language Developed at UW

UW researcher professor Suda Nim announced the completion of a new programming language today. "Zis programming language vill greatly simplify many common household tasks," the professor stated to the press. "I haff replaced ze many difficulties involfed in programming your VCR viff a simple, structured programming language. Now, computer scientists vill be able to catch Shtar Trek episodes vit'out haffing to adjust zeir schedule."

The langage, called Home Appliance Programming Language and Environment Service System (HAPLESS), contains many advanced features, including the ISCOMMERCIAL function, the FIND_GILLIGANS_ISLAND statement, and, of course, the NO_WESLY directive, which pauses the recording whenever Wesley Crusher appears.

The professor explained that he got the idea when the father of artificial intelligence, Dr. John McCarthy admitted to being unable to program his VCR.

Representatives from Sony, RCA and other electronics firms have stated their enthusiasm in implementing the language, just as soon as Hell freezes over.

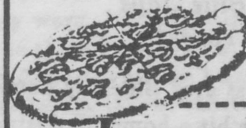
Dances With Mind

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mathNEWSsquiz # 2

The Return of Fluffy

Greetings squizzers, and welcome back to another term of amazing squizzes. Last week, the squiz was done by an imposter. Remember, I am the REAL Fluffy the Wonder Bunny. Accept no substitutes. What else needs to be said except 'Let's Squiz!'.

Last weeks' answers are as follows: 1- Industrial Disease by Dire Straits; 2- Fish Heads by Barnes and Barnes; 3- Cruisin' by the Holly Cole Trio; 4- Papa was a Rollin' Stone by Was (Not Was); 5- Inigo Montoya, Fezzik, and Vezzini; 6- Florin and Guilder; 7- retired and living in Patagonia; 8- Count Tyrone Rugen; 9- Dr.M^cCoy and Sarek; 10- Vonda M MacIntyre; 11- Canada; 12- British (although from France, the casting director cast people with British accents); 13- C&O 456; 14- ENGL 108H; 15- KIN 264; 16- MES 350A or RS 369D. The people who submitted answers are as follows: snark (6), The Children of Paradise and Roman Empire & Palupa & Troi (8), Waggy Baggy (9), and Phil the Killer with an *Amazing* zero! Zilch! Nada! The Big Goose-Egg! (hint for ya Phil, Killer or not, don't threaten the squizmaster or next time we'll give you *negative* points! How's that for a threat, so there! Nyah!). So, I guess that makes Waggy Baggy our winner this week, and he can pick up his prize in the MathSoc Office sometime today. OK, on to this weeks' questions.

Jim Croce
(A Tribute)

1. Leroy Brown was from the baddest part of what town?
2. Everyone knows that you don't mess around with Jim, but what is Jim's nickname?
3. Who's always got an extra pack of cigarettes rolled up in his t-shirt sleeve?
4. What are steadily depressing, low-down, and mind-messing?

The Toronto Blue Jays
(The Early Years)

1. What was the date of the first ever Blue Jay homegame?
2. Who was the first Jay to ever hit a homerun during a Jays game? (BONUS if you can give the date it was hit)
3. Who was the first manager of the Jays?
4. Which Jay gained baseball immortality by stealing second, then first, then second *again*, all in a single, famous, botched baserunning play?

Movie Quotes
(Name the movie they're from)

1. "I think you're afraid to party with a *real* man."
2. "Are you driving with your eyes open, or are you using the Force?"
3. "Don't call me stupid!"
"Oh right, calling you stupid would be an insult to stupid people!"
4. "Who the hell are you, man?"
"I'm the party pooper."

Television
(Sitcom stuff)

1. On *Married...withChildren*, what is Peggy's maiden name?
2. Where do Bud and Kelly go to school?
3. What show is Gordon Simms a character on?
4. On *BeverlyHills90210*, where were the Walshes from before they moved to Beverly Hills?

OK, now comes the easy part. Pick up your pencils, scribble down the answers to the above questions on a piece of paper, and drop it in the BLACK BOX located on the 3rd floor of the MC sometime before 6:00 pm on Monday October 7. Until then, I'm...

Fluffy the Wonder Bunny

The Crusades Skit

King Richard in full battle-armor prepares to leave the castle. He calls out to his wife. She is a pepperpot.

Richard: "Well dear, I'm off to fight the crusades."

Pepperpot: "What??"

Richard: "I said, I'm off to fight the crusades!"

Pepperpot, cheerfully: "That's nice dear."

Richard, somewhat disappointed, turns to leave.

Pepperpot: "What would you like for lunch today?"

Richard, surprised: "What?"

Pepperpot, shouting: "What do you want for lunch!"

Coer de Lion: "I heard you. I won't be here for lunch. I told you I'm off to fight the crusades."

Pepperpot: "I'll pack one then."

Dick: "No. You're not listening. I'm off to fight the crusades; you know driving back the Turks, reclaiming the Holy land, that sort of thing."

Pepperpot: "Oh I see, I see. You'll eat out then."

King: "I just spent 1 million sacks of gold buying and equipping an army that will travel to Jerusalem and back. I should bloody think I'll be eating out."

Pepperpot: "Well, don't be too late. The Johnsons are coming to dinner tonight."

Richard completely loses it: "Listen you stupid wench, I will be fighting a major campaign. I'll be gone for months maybe more than a year. I WON'T be bleeding home to have dinner with the bleeding Johnsons!"

Pepperpot: "Don't take that tone with me, Richard. I invited the Johnsons last week; you had plenty of notice."

Richard: "NOTICE!!!! I've been planning this crusade for months. It's a God damn quest from the Lord Almighty for Christ's sake, not some bloody night out at the bloody pub!"

Pepperpot, starting to cry: "All I try to do is be a good wife, and keep a clean castle, and all you can think of is yourself and your silly crusades."

Richard: "All right, all right. The crusades can start next week." Richard, pouting, kicks the door and mumbles: "But my crusades are not silly."

The Hedonist and MacGyver

Nature's Beauty

As I have been doing of late, I went out to the local corn field, and I stayed there and spent an entire day analyzing the variety of formations in the corn on the cob. Let me tell you, they are even more fascinating than my earlier study on tomatoes, lima beans, and lichee fruit.

What I normally do is take the husk and calculate the number of kernels that would be inside the cob. Then, ripping it open with the ferocity of a young schoolboy, I see if my calculations were correct. Almost invariably...they are totally wrong!! I'm not even close!! Even when I notice a trend in the number of kernels, and start to guess on that basis, my numbers are still way out there.

Since probability would dictate that I'd be right sometimes, I truly believe there is an interstellar conspiracy going on here, and I am only beginning to unravel it.

I'm Andy Rooney

Masthead

My first "official" issue as co-editor. And now, time for my first "official" masthead. I guess people saw the signs posted for production night, or at least I'd like to think that's why they were hanging around the MathSoc office from 6:30 pm on.

OK, here's a list of all the people who came out to help us tonight, complete with their favourite word (and its definition): Adam Benjamin, Harumph (the sound an artsie makes when asked to do anything with a computer other than turn it on); Chris Ruitr, Quirp (a flirq with more chxyz); Mike Hammond, Torus (a mathie word for donut used to confuse the people in the Science C&D); Christina Caldarelli, Excess (just enough (as in "Everything in excess.")); Stuart Pollock, Antidiseestablishmentarianism (no definition needed); Ron Servant, Dictionary (See cover!); Eric Sutherland, Floccinoccihilipilification (the act of evaluating something as worthless); Jon Utchfield, Door (as in take the door, leave, exit, you've made a fool of yourself); Chris Beauregard, Five (as in "just five more minutes", "It's five ... I'm outta here"); Caryn Babstock, Quirky (just a little off center!!); Bill McEachern, Pizza (round flat thing with lots of toppings); David Weil, Eliomisenary (for money); Phil Rittenhouse, Deviant (a person who turns aside from the right way, course, or line); Mark Brockington, Hell (The domain of the devil); Michael Melvin, Hzah! (Expletive when you lose the english language after seeing a gorgeous chick); Monica Rooney, More (need I say more?); Dale Wick, Busy (the act of losing your mind in order to accomplish an infinite number of tasks during Production Night); Erich Jacoby, Evapotranspiration (Definition removed by the editor and replaced with an acceptable, politically correct alternative: pronk!); Ian Goldberg, Trivial (One of the four classifications of easy questions (yes, easy questions exist). It is the most difficult of the four, the others being, from easiest to hardest, "way obvious", "obvious", and "way trivial".); Brian "Kermit" Mantler, Girlfriend (the place my tuition went this summer); Philip Hunter, Money (something that you would do anything for right around now).

Thanks also to Graphic Services, Gino's and 97.7. We couldn't survive without you.

Mike Reade, Huh, what? (Huh, what?)
Betty-Jo Hill, Sleep (zzzz)

GridComments at Large

... and slightly smaller

We had a better response to the (not so) veiled request for new Grids than we did for the conventional solution. Much better. We picked this one to use because it was the easiest to read and had both cryptic and conventional clues. Our latest addition to the GridMonster bestiary had this to say.

I'm a new GridMaster and it's the first time I've done something of this caliber. I'm used to making grids of the difficulty seen in the Globe and the New York Times, but I made this one a little easier, although it is of no less quality.

The Toenail

Thanks to all who submitted grids, they may yet appear! (There are five more issues this semester, and there is *always* next time.) (Sometimes time seems to run to infinity around here. A strange dilation effect on students too often near mathNEWS and Math-Soc, no doubt.)

Anyway, on with the meat of the column. We had 2 conventional and 9 cryptic solutions submitted. A bit disappointing, but no doubt things will pick up as we settle into the semester. One submission for each was incorrect, making it easy to designate a conventional winner. A cryptic winner was selected by coin-flipping. Our winners are, for conventional *Kith and Kin*, and for cryptic *Blonds Ambition*. Kudos (and ValuablePrizes™) to our winners, back-patting and supportive thoughts to those not so lucky. The other correct cryptic submitters were: The Demented Slinky of Frobozz; Ergodic Eggplant; The Easter Bunny & Lips — You know it!! [Welcome back — GM]; Grunge; Undead-Rave-Up-CS-Mutant-Tutor-From-Hell; and Digital Door [another veteran]. The incorrect conventional solution came from Dave Pike, and the incorrect cryptic came from the snark. Too much moose hair in the air, I guess.

Comments: It's great to be gridding again!; an environmentally friendly grid! reduce, reuse, recycle!; Fungistic!; No commenting on commentless comments!; Oog! GridWord! Do! Burp! More!; Help me! I've fallen down & can't get up!; The only word *N.T.R.* is from MATH 235; Once upon a time there were three bears who at poison and died. The End; Engineering is for Artsies who can't dancel; Assume, for the sake of argument, was being. [Wow! Rhetoric, expostulations, admonitions, pleas, tragedy, and metaphysics! For what more can one ask?]

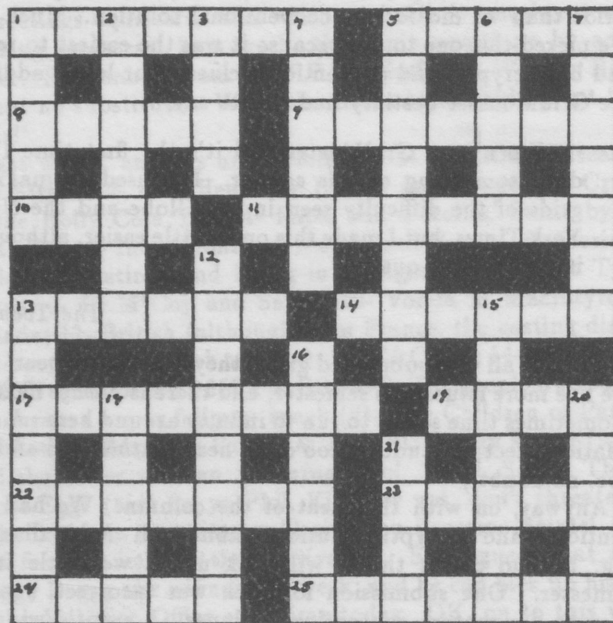
And, finally, we find out what pointy things people hold dear. Responses were: Bart Simpson's hair; Pointer; My head; God; A screw slightly hammered; My sharp little mechanical pencil; Squirrels; the GridMonster's nose; épée; Mr. Happy.

That's all for now, make sure you have your solutions in the BLACK BOX (3rd floor MC, opposite the comfy lounge) or under the mathNEWS office door (MC 3041) before 18:00 on Monday, October 7th. The winners can pick up their ValuablePrizes™ at the MathSoc office, MC 3038, during office hours. Have fun as we put a new GridMonster through its paces!

GridMonster GridClone BR-645 a3

I just got handed two more solutions, from The Children of Paradise and The Cousins (twice removed) of the Children of Paradise. They both look correct, but they are much too late—I've typed up the whole article. Please get your solutions in *before* we start production night.

GRIDWORD



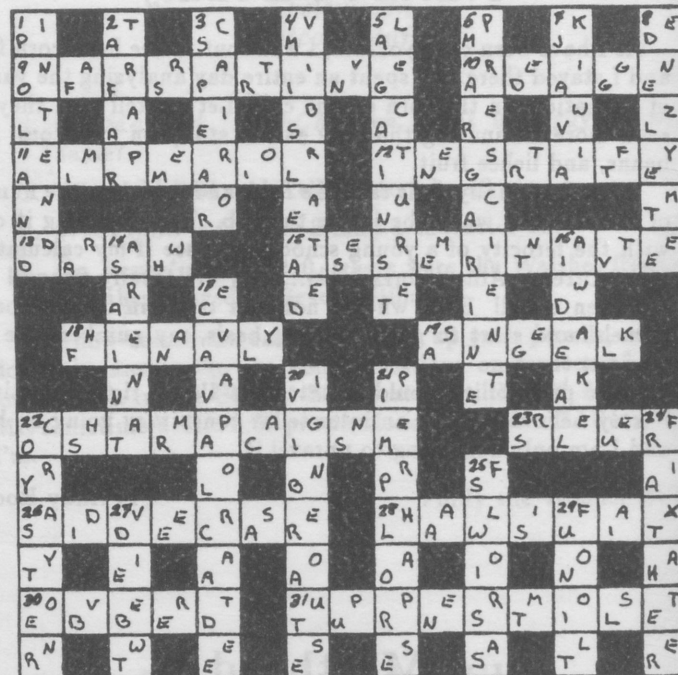
Cryptic

Across

1. Lab reversed strange bird to make a dirigible (7)
5. Sum in to tally (5)
8. If Ken is confused, that'll get a wedge (5)
9. Strange seeings in religious book (7)
10. Tour disturbance (4)
11. Revere it, perhaps, to recover (8)
13. Look, the boil (6)
14. One wizard's pictures (6)
17. I tip most incorrectly for one who hopes (8)
19. The instrument was in the returned loot (4)
22. Bad recipes to be exact (7)
23. It's at the end of three months (5)
24. Five hundred water drops in gutter (5)
25. Badly cleanse and find a triangle (7)

Down

1. Man on two wheels (5)
2. Euler is screwed up, which means relaxation (7)
3. Nothing Reverend backed is finished (4)
4. Gun backfires and get gold piece (6)
5. Outbursts of rage when Matt's urn broke (8)
6. Eat in drunken state (5)
7. Hears less tin is damaged (7)
12. Winner gets Ma and Chopin mixed up (8)
13. Went fast around top then braked (7)
15. So long to obey God foolishly (4,3)
16. Estimate donkeys went south (6)
18. The Teaching Assistant got a Greek letter (5)
20. The left broken gear is big (5)
21. Wildly beat a VCR (4)



Conventional

Across

1. Shakes
5. Insects
8. Smell
9. Breach
10. Link closely
11. Marsh
13. Acumen
14. Open excavation
17. Gold and silver
19. Corrupt
22. Minor
23. Hex
24. Corroded
25. Shriek

Down

1. Charlatan
2. Dice (to an old western gambler)
3. Epochs
4. Taste
5. Sinful
6. Hindu seer
7. Background
12. Phillips or Carlin
13. Fight
15. Transpose
16. Poles
18. Decree
20. Parasite
21. Mark

Comment:

Favourite Grommet:

Name: