

math NEWS



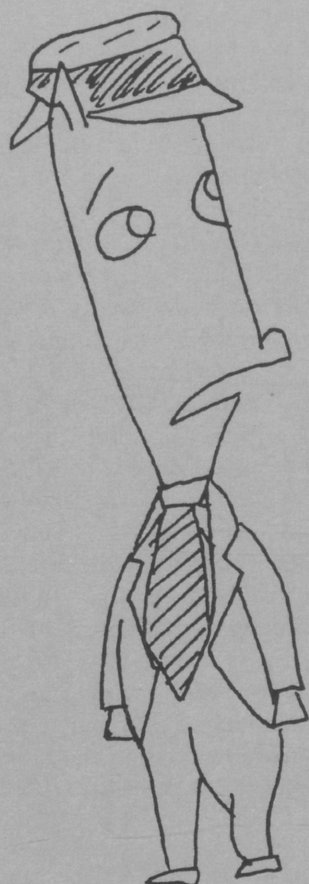
Volume 76, Issue 4

Friday, March 6, 1998

DUCKMAN, I THINK THE REASON WE'RE ON THE COVER IS BECAUSE THE ARTISTS AT mathNEWS CAN'T COME UP WITH ANY ORIGINAL ARTWORK.

WOW! ON THE COVER OF mathNEWS, WE FINALLY MADE THE BIG TIME!

QUIET, CORNFED. YOU'RE RUINING MY BASKING IN THE MOMENT.



Fox 98

News from the ActSci Club

Are we caught up yet...?

Hey all you smart ActSci kids, are you dreaming of the Easter bunny yet? If you are, then it's a sure sign of over-work! So kick back, relax for two minutes and enjoy this informative, juicy update on the ActSci Club, will ya?

First of all, on behalf of the members and Executives of the ActSci Club, I would like to express our sincerest gratitude to Professor Mary Hardy for her informative and most inspiring talk on Feb 26th. Suffice it to say that she has managed to successfully plant the "Great Britain" bug in most of us, especially those of us who are graduating this year! Thanks Prof. Hardy!

We would also like to say a profound 'Thank You' to Professor Harry Panjer for his entertaining yet informative speech on Tuesday, March 3rd. It was truly an honour to have the President of the Canadian Institute of Actuaries (CIA) present at our humble little gathering!

See, I told you that this was going to be very relaxing...how are we doing so far? Shhhhh, did I hear someone snoring?

Okay, here is something that would make your drooping eyelids participate in a ninety degree flip:

On March 10th, the ActSci Club jointly with IST are hosting a talk/information session about MATHCAD, the new math software package that is becoming increasingly popular in the Actuarial profession. In fact, rumour has it that there are a few life insurance companies out there who are already using this product.

This will be an interactive session, i.e. there should be enough terminals for everyone attending this meeting to get 'hands-on' interaction with this new software.

So, come on out, as this might be very valuable for future work terms/permanent employment...!

For those of you who are already intrigued, here are the details:

When: Tuesday, March 10th

Where: MC 1078

Time: 4:30 p.m.

Host: Colin Campbell

Also on our exciting agenda for the month of March, is another talk/information session presented by two very special guest speakers from Mexico. That's right, Mexican Actuaries!

Jorge and Diego will be talking to us about the Mexican Actuarial Program in addition to other stimulating subjects such as the Mexican Social Security system. Sure hope to see you there!

As usual, there will be free refreshments...



Prez Sez

Not much, this time

Well, I've told him and told him, but noooooooo, Chris just can't seem to get an article in on time.

So I'm sure that he's got lots of important stuff to tell everyone out there in mathNEWSland, but he ain't gonna be saying it this time.

Matt "Editorial Prerogative" Walsh

So, for those of you who are now wide awake with excitement about this talk, here are the details:

When: Tuesday, March 17th

Where: MC 4040

Time: 4:30 p.m.

Last but not least, on behalf of the members and Executives of the ActSci Club, I would like to congratulate our newly elected ANEA/ASNA delegates for 1998: Scott Shaddick, John Lo, Benny Wan, Yuan Yuan and Paul Irwin.

Way-to-go guys! We are grateful and proud that YOU have taken the time off to represent our University and be on board ANEA/ASNA as OUR delegates!

We wish you all well, as you get ready for your first mandate meeting! For those of you who don't know, this meeting will be hosted by UQAM in Montreal on Saturday, March 21st.

Wasn't that refreshing indeed? So long kids!

Jackie Sankardya
Publicity Director, ActSci Club

mastHEAD

So, is THIS winter now?

Good day, all, and welcome back. Yes, there was no issue of mathNEWS last week. No, I don't particularly feel like I gypped everyone. Yes, Analytic Number Theory is in fact offered next fall. Any other questions?

Considering how much time has passed, startlingly little has happened in my life. Still jobless, even further behind on my marking, and not even any new CDs. Sigh. On the up side, affairs concerning my other office are looking up; any potential frosh leaders who've been interviewed should have heard from us by now. If not, well, that's because we're lazy disorganized bastards, which comes as a surprise to absolutely no one, come to think of it.

Anyhow, here's hoping that everyone's midterms are or have been going well. This week's brave band of slackers, with their comments on how Canada *didn't* win Olympic Gold for Men's Hockey, includes such lights as Mike "Hammer" Hammond (They spent too much time at Ross Rebagliati's going away party in Whistler), Richard Bilson (They're lazy-ass bastards), Tim Coleman (They didn't win with *style*, Chris McGuire (Every member had to turn in a STAT 333 assignment the day of the semi-finals), John Swan (They encountered one problem), Dominic Hasek), Doug Becker (They were too busy bitching about ice dance judging), Michael Brown (They were watching South Park while they were supposed to be practising), and Brian Fox (Emergency shipment of Sudafed did not arrive in time).

Thanks as ever to Marion at Graphics Services for doing such a bang-up job at putting this issue in your hands, and to Hammond for the amazing job he did on the "Pettysaver" insert (see pages 7-8). Next issue's in two weeks; see y'all then!

Matt Walsh (They just didn't have the woogachuckles)

gradNEWS

Well, the end of the term is almost upon us. Getting excited? I noticed last weekend that the preliminary exam schedule is up. Now you can count the number of days until your last exam. I'm at 42, how about you?

Between now and then, there's a lot happening:

Next Saturday (March 14, 1998) is the Math Grad Ball at Bingeman's. I hope you already have your ticket. If not, today is the last possible day for you to get it. To get yours, e-mail cbray@undergrad.math before 3:30 p.m. Today is also the last day to sign up for a table and reserve a seat on the bus. Sign-up sheets are on the board beside the MGC office (MC 3029). For the 300 of you who already bought your tickets, get ready for the best party of the term!

Grad shirts have been on sale on the 3rd floor of MC all this week. If you missed them and would still like to get one, come by the MGC office or e-mail mgc@undergrad.math to see if there are any still available.

As for social events, those of us who went on the Niagara wine tour last week would like to thank Ben and Carol for organizing a great trip. Coming up they have planned the following: March 7 — floor hockey, March 21 — volleyball, March 28 — slo-pitch. If you are interested in participating in any of these events, sign up on the board outside the MGC office. Also coming up is the

MGC end-of-term party, but details on that are still being kept secret.

Also coming up is the 1998 Math Graduating Class Wine and Cheese. This will be held from 3–5 on Friday March 27, 1998, at the University Club. Watch your e-mail for invitations.

Today is the last day for Valedictorian nominations. If you would like to nominate yourself or a friend to be the Class of 1998 Valedictorian, you have until 4:30 p.m. today. Nomination forms are available at the MGC office. If you would like to be on the Valedictorian selection committee, nomination forms for that are also available at the MGC office.

MGC has a little bit of money set aside this term for a grad gift. This is a gift made to the University of Waterloo to help improve student life on campus. Gifts in the past have been an automated door in DC and a fridge for the C&D. If you have any suggestions, please e-mail mgc@undergrad.math.

As a final note, please consider The Pink Tie Pledge. By now, you should have got some information in the mail. Please read it carefully and consider making your contribution to improve the future of math students at Waterloo.

Your Co-Chairs

Rachel 'In good standing' Nieuwland

Xavier 'Not so much' Aburto

lookAHEAD

mathNEWS	
March 6	Issue #4 gets jiggy with it
March 16	Issue #5 production night 6:30pm, MathSoc (MC 3038)
March 20	Issue #5 gets high from second-hand smoke
Math Faculty	
March 6	Last day for F98/W99 pre-registration
Movie Nights	
March 12	<i>I Know What You Did Last Summer</i> and <i>Buffy The Vampire Slayer</i> Starts at 7:30pm in DC 1302
March 19	<i>A Time To Kill</i> and <i>Murder in the First</i> Starts at 7:30pm in DC 1302
MGC	
March 6	Valedictorian nominations due
March 14	Math Grad Ball
Miscellaneous	
March 7	Math building set to be moved 5cm to the right
March 10	Someone drives on Hwy. 407
March 16	El Niño disrupts mathNEWS production night
March 17	St. Paddie's Day!
March 18	Stay home cuz you're hungover day!
March 19	1 billionth person pays to see <i>Titanic</i>

NOVELTIES SALE!

On Friday, March 13th Novelties is having an inventory clearance sale in the Comfy Foyer. Miscellaneous items will be on sale for 2 for \$5 or \$3 each. The sale will end at 3:00 p.m. This is a great chance to stock up on presents, gym shirts, or well... I don't know but come on out anyways.

Esther Small
Novelties Director

Attention Class of '99!

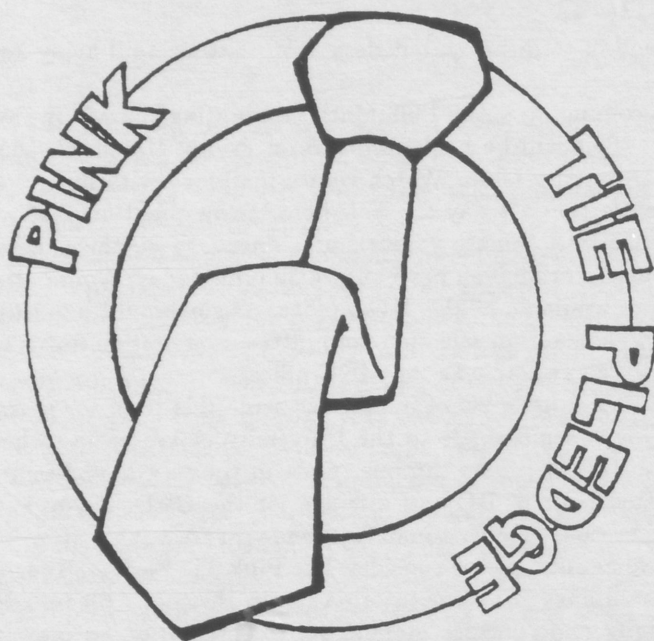
There is a vote today to ratify **Candice Parado** as MGC Chair for Fall 1998 and Winter 1999. All students graduating in 1999 are eligible to vote.

Stop by the MathSoc office (MC 3038) to cast your vote!

ISSN 0705-0410

mathNEWS is normally a fortnightly publication funded by and responsible to the undergraduate math students of the University of Waterloo, as represented by the Mathematics Society of the University of Waterloo, hereafter referred to as MathSoc. mathNEWS is editorially independent of MathSoc. Content is the responsibility of the mathNEWS editors; however, any opinions expressed herein are those of the authors and not necessarily those of MathSoc or mathNEWS. Current and back issues of mathNEWS are available electronically via the World Wide Web at <http://www.mathnews.uwaterloo.ca>. Send your correspondence to: mathNEWS, MC3041, University of Waterloo, 200 University Ave. W., Waterloo, Ontario, Canada, N2L 3G1. or to userid@mathnews@undergrad.math.uwaterloo.ca on the Internet.

Ask not for whom the Ram tolls; it tolls for Matt "So-Krates" Walsh



Pink Tie '98 Continues

Earlier this term, I introduced you to the Pink Tie Pledge, where members of the graduating class in Mathematics pledge to donate funds to better this faculty's teaching facilities. Since then, some people have asked me for more information on how they could pledge. The answer is simple. By now, each graduating student in Math will have received a Pink Tie Pledge information package in the mail. This package contains some detailed information on what the Pink Tie Pledge is all about, and a pink pledge card. To be part of the Pink Tie Pledge, simply fill this card out and mail or hand-deliver it to the Math Grad Office (MC 3029). If you have misplaced your pledge card, please feel free to drop by the MGC office to pick up a blank one.

To add a little excitement to the pledge this year, I will be running challenges. This is where prominent individuals of the Class of '98 have the opportunity to issue their personal challenge to the rest of their fellow grads. If you would like to issue such a challenge to a group or an individual, please email me at rsrivast@undergrad.math and I will see that it gets printed in the upcoming editions of *mathNEWS* for all to see.

Just a reminder: everyone wishing to pledge the Dean's Challenge will be treated to a dinner hosted by the Dean on Friday, March 20, 1998. However, to be able to attend the dinner, all Dean's Challenge pledge cards must be submitted to the MGC office by Friday, March 13, 1998.

Raman Srivastava
'98 Pink Tie Pledge Director

The Pseudo-Expert Takes an Issue Off from Statistics

Due to foreseen circumstances beyond my control (i.e. two midterms, one quiz, one assignment due today and a research paper), your faithful guide to the world of statistics will be unable to provide information on this fantastic discipline. But before you start mourning (or celebrating if you have a signature involving a sigma), fear not, for my next contribution will be

What to Do when the Sky is all Blue

The Olympics this year were the best to date. A Canadian took drugs, lost his medal, and got it back because, "Marijuana is not a performance enhancing drug."

Bollocks I say. Look at Aerosmith, and most other rock groups of the 80's. Once they got off weed, their musical talent took a turn for the worse. Marijuana may not give a snowboarder or musician a physical advantage; heck, it probably is a hinderance. However, snowboarding is a performing art, and as such, most performing arts contain abstract motions and creative expressions, similar to music. The effects of marijuana on snowboarding allow snowboarders to express themselves more creatively and apply the effects of the drug into their routine down the hill. Even though the snowboard slalom is not a very artistic event, it still allows the user of the drug to calm down, relax and feel less nervous. Especially since the Olympics is usually a defining moment in an athlete's life (similar to mathies passing Calculus 4).

Needless to say, I don't think that he should have had his medal returned. He was either

1. breaking the law by using marijuana, or
2. being a very bad role model for Canadians, by not reporting the use of illegal substances, and by participating in events (parties) where marijuana was being consumed.

I'm not saying that everyone who ever did either of these activities is a bad person. I'm just saying that he broke the rules, and as a result of his actions (he could have left the so-called party at any time), he should have lost his medal. Lucky for him, the Canadian Olympic Committee can whine and complain like hell (and Nike wants him to help sell drugs, I mean shoes).

"Marijuana isn't a performance enhancing drug, eh."

"It's not like he was high when he went down the run, eh."

"It's not like it was a hard drug, like crack, eh."

"It's not like he was a dealer and sold it to kids, eh"

True, but he is somewhat of a role model for Canada's snowboarding youth who now get the impression, "Hey, I'm a snowboarder, I'm allowed to smoke pot." I figure, why make a society that is two tiered, why not just legalize pot for all of us. Then Clinton can come over and inhale, and bring Monica along too. So Canada, let's legalize pot, and since we already have a legal precedent for pot, how about our speedskaters take heroin or our curlers take crack. They're not performance enhancing drugs either. Let's legalize all substances! Let's 'Just Do It!'

Peter 'You got the stuff?' Lizal

special. Yes, ladies and gentlemen, I will be looking at the world of statistics outside of statistics and how all these STAT courses affect other departments in this fine faculty of Mathematics. It will be a treat as I talk about **anything besides Statistics**.

John "The Pseudo-Expert" Swain

Restaurant Review

Bon Appetit (aka Davis Centre Cafeteria)

Tsk Tsk Tsk! Food Services, you have incurred my wrath again. It has been my preference to discuss atmosphere and food quality in the opening paragraph my reviews, and save petty details like prices until the very end. However, I fear, in this case, I must make an exception. What is up with those ridiculous prices? I was shocked and dismayed when I attempted to purchase a 600ml bottle of coke for \$1.71. At our C+D, this same bottle costs \$1.10. What a gyp!

I waited for close to 10 minutes and finally approached the "Chinese Food" counter. I asked the surly gentleman behind the counter what the purple dish was on the left. His mouth said "It's EGGPLANT!!" but his face said "It's EGGPLANT you stupid moron, now order your food and stop wasting my time!" That put the first bad taste in my mouth (of many more)! Most of the staff at the Bon Appetit are quite congenial, except that a few bad apples can spoil the bunch. My friend once had an incident with a manager there who was totally unhelpful and he's refused to eat at 'food services' ever since. I don't want to mention the person's name because I or mathNEWS could get sued, but its name rhymes with "Dosemary."

I got cold noodles, four lousy chicken balls, and beef immersed in an insipid oyster sauce that was unpalatable and degoutant. I asked for a little extra sauce on my noodles but the thin liquid briskly passed through the noodles (just like it passed through me) and was soaked up by the paper plate. The sauce for the chicken balls was tasty but did not excuse the otherwise sordid affair. The \$5.74 price tag was especially hard to swallow. I was actually going to buy a bag of fuzzy peaches but the guy in front of me was bitching about how much he paid for his bag, so I passed. Friend, I owe you one.

The line moved slowly, and when I got outside there were no real seats. The seating area consists of large tables for parties of 5 (annoying little girl excluded) or uncomfortable stools with no backs. The architecture is interesting but a little impractical. Your attention is drawn to the triangular tables in the centre of the circular vortex. Although it is tough to maneuver during the lunch hour rush, the Davis Centre is one of the more original dining halls near campus.

I must confess, perhaps I expected too much from my \$8.00 lunch. I was so peeved, it was tough to fairly assess the rest of my meal. Why can restaurants like Gino's Pizza, Sunshine Express, Harvey's and the Math C+D provide excellent lunches for under \$5.00 (drink included) while 'food services' continuously rips us off? The only reason food services can continue to sell food at those prices, and be generally inferior to all other establishments, is because the students who live in Village are forced to pay for it.

Recently, the United States Justice Department ruled that Microsoft could not package Internet Explorer and Windows 98 together. They decreed that bundling of products in a take-it-or-leave-it package is bad for competition and consumers. Can anyone see where I'm going with this? Does anyone have any free time to champion this cause? I thought not.

Asterisk Rating ** (out of seven)

Jonathan Ezer

profQUOTES

"We don't plan to jerk you around explicitly. No really!"

Goulden, C&O 230

"Most of you should have left, I lied about it being an exciting class."

Goulden, C&O 230

"...We've got a bigger top, but also have a bigger bottom. That's what happens when you get old."

Struthers, MATH 138

"I met a guy the other day...No, no, it's not what you think. I'm married!"

Piddick, CS 480

"What are three words you don't want to hear when having sex? 'Honey, I'm home.'"

Rempel, PSYCH 236

"I should draw a new diagram, but life is short, and art is long... or whatever it is that they say."

Younger, C&O 351

"You know by now that whatever answer you give, you're hosed, because I'm going to say something else."

Becker, CS 241

"It's a good thing that Weierstrass discovered this function, because if he hadn't, there probably wouldn't be any more calculus for us to learn past this point."

Forrest, MATH 138

"How many of you want me to prove it to you? And how many don't give a togmy higmy damn? Good! No one!"

Jackson, MATH 235

"You Mathies will see right through this bogus derivation, so this is for the benefit of the engineers of the class."

Rosehart, GEN E 123

"We take the average of 2 and 4, the incorrect answers, to get 3, the right answer."

Willard, MATH 235

"This is not the first time nor the last time that I will lie to you."

Willard, MATH 235

"Some guy once said 'Natural logs are like love. They are beautiful, they're irrational and they're important.'"

Brokowski, CS 240

"It's amusing what amuses you."

Willard, PMATH 346

A Mathie's Life

After all the calculus classes that we've sat through (you may be sitting in one as you read this), we think we know all there is to know about infinity and finiteness. The problem is that we do not apply the theorems that we learn to real life. Some events in the past few weeks have caused me to reflect on the finiteness of our lives, and they've taught me a great deal about life. How can I put this so it'll sink in? There exists a time T such that for all times t after T , you will no longer be alive on this earth at time t . This time T could be 80 years from now, or it could be tomorrow, but as mathies, do we really want an actual number?

What does this mean for us? Well, if we have something that we are to do with our lives, we had better get off our butts and start doing it. We don't have all day, or rather, all eternity. So, what are you to do with your life? Why were you, specifically, born (yes, you)? It is a tough question, and most of us don't have an answer. Tragically, most of us don't even care: we're happy if we "get through" the week. We're not looking for an answer. Is that really what we want? Just because the question is hard, we stop trying? This is not like a calculus assignment: you can't just wait for your buddy to get it and then scam it off of him. You have to think about it yourself. The due date is non-negotiable. If you haven't gotten anywhere by time T , you can't ask your prof for an extension (not even if you have a CS assignment due the night before).

Is there any point in trying to figure out why we're here? Is there hope of getting an answer? Well, last week I read a beautiful essay which claimed that there is an answer, and that we will find it if we try. That's the key: to try. When we try hard to finish an assignment, we feel much better about ourselves than if we waste the night away at the bomber or playing bridge in the comfy, even if we don't quite finish the assignment. So what's this artsie essay stuff? True, an essay is not as certain as a mathematical proof, but there are some things that can't be proven, and it made more sense to me than many of those epsilon-delta constructions. Let me put it this way: if you don't try, you definitely won't get the answer, so what have you to lose by trying?

There must be some accountants among you. I don't know anything about accounting, but I've heard that time is money, and it seems to make sense: we are born with a finite amount of time, and no money. When we die, we have no more time, but we often have a pile of money (or not). During our lives, then, we convert time into other things which include money. Of course, some time isn't converted to anything. This includes times when we're so wasted that we don't remember them a day later, times when we're asleep in a class that we only took because of some stupid, petty reason, and countless other times. We need to stop wasting the precious, finite amount of time that we have been given.

Now think about the times which you convert to money. Do you consider your paper-clip-pushing work term productive? What will you do with all that money when you die? Remember the T-shirt slogan: he who dies with the most toys... still dies. What will become of the fortune of someone like Bill Gates when he dies? If his mother-in-law doesn't get it, the government will take it to blow up Iraq. We need a third account, to convert our time into a more stable currency, things that really last. What kinds of things go into this account? This is left as an exercise to the reader. Here's a hint: figuring out what should go there is probably the first thing that you can put in there.

Ask people how they feel on any Friday, and they'll say that they're glad that the week is over. They'll waste the weekend doing anything they can to forget the week that has gone by, to get themselves ready for another useless week. Here's an idea: let's stop treating our limited time here as useless. Let's spend the weekend thinking about how to make the following week meaningful, rather than wasting it by trying to forget the week before. Our time is a precious gift, not something to be regretted. Let's not forget that.

Remember that although this is an individual assignment, you are encouraged to discuss it with others to gain insight. Is that not why they're here? I do not take credit for these words, since they are not my own, but I feel that they are worth repeating. There is more where this came from; look for it!

Ondrej Lhotak

mN/WWW

Search, and Ye Shall Find...

Greetings. I hope that you enjoyed your reading blink and that you have been successful with interviews and consequent job prospects, if only because it means that you will no longer need to spend time in "Needless Hell." [Oh, just fuck off, Tam. — Σ Ed.]

To the point. Thanks to a CS354 assignment, a CS370 midterm, or rather, the large amounts of procrastination associated therewith, I am happy to announce that finally, mN/WWW now has a working search feature! The search engine will search all files on mN/WWW, which includes every mathNEWS issue for the past three years (nine volumes; minus a couple at the beginning). It slices, it dices, it makes Julianne fries! Well, not quite, but it *will* do fuzzy searches, searching for not only the exact keywords that you enter but also those same words with different endings, and it also supports boolean searches.

To access the mN/WWW search engine, simply select the "Search" link from the mN/WWW main page. The latter is at the same location it was at last week, but in case my last article bored you and you skipped reading it, here's the URL:

<http://www.mathnews.uwaterloo.ca/>

Make the half-weekend that I spent (and the resulting n -percent drop in my CS370 mark) installing the search engine worth it by using it to, say, find all instances of your favourite expletive in past mathNEWS articles. Or, heaven forbid, do something *useful* with it. (Wait a minute, this is mathNEWS we're talking about...)

mN/WWW is still hiring. If you would like to volunteer to help out with the design or production of the mathNEWS Web site, please send me E-mail (at vtluu@uwaterloo.ca to that effect. Please, don't all come forward at once...

Oh, and a quick progress report on the 25th anniversary Web site: very little; stay tuned.

Hmm... maybe I should start studying. Until next issue, here's a reminder to browse safely, and never accept cookies from strangers. (Jeez, that's corny. I think I'll shut up now.)

Viêt-Tâm Lun
mathNEWSWeb Something-Or-The-Other

Rocky Road Wednesdays



More than 180,000 people throw away the Pettysaver every week!

Pettysaver

Saturday March 7, 1998 • Annoying Kitchener - Waterloo and surrounding area for over 13 years

666 Whatawacki Dr., Kitchener, ON N0N 0N0 Office 555-3867 Fax 555-8783 Fixtion 555-3253

Zones 1 2 3 4 5 6 7 8 9 10 11 12 2π

TACO BELL Mobility

Make a run for the border: there is a difference

Parody by Mike "Hammer" Hammond, with thanx to Gridby, Latrell, C.A.S. Richard Bilson, J., John Swan, Mikey Brown, and Corey Gaudette

CONDOMS, gently used — like new! Off-white, excellent condition, 3 for \$1. 555-3825.

WANTED: WHEELCHAIR in excellent condition, aluminum walker, or other mobility aids. Offering almost-new roller-blades in trade. 555-6824.

CHEAP ELECTRONICS! Sony 29" TV, \$75; Panasonic VCR, \$50; Pentium II 200 MHz computer w/monitor, \$100. Slight damage to serial numbers. Go to MC loading docks and ask for Vinnie.

BETAMAX VCR, \$50; 8-track car quadrophonic stereo system, \$35; IBM PS/1 running OS/2, \$30. Take them off my hands and that's what I'll pay you. Call 555-2662.

LOOKING TO TRADE gold medal obtained in recent groundbreaking competition for bong, roach clips, and Zig-Zag rolling papers. Contact Ross in Whistler, B.C.

DELUXE WHITE Woods chest freezer, 12 cu. ft. Big enough to hold my mother-in-law. Excellent condition; contents included. Call 555-7843.

SERVICE OFFERED: former Federation of Students executive looking for work as "enforcer", "bodyguard", or "hired goon". Will beat people up for reasonable rates. Visit Fed Office in SLC for more details.

DON'T KNOW what's wrong with you? I'd be happy to tell you! 888-4567 x6355.

CANADIAN CURRENCY SPECULATOR looking to offload vast holdings. Asking for two buckets of warm spit, or best offer. Call 555-3255.

COMPLETE HOME gym system, \$2000; set of barbells, \$100; rollerblades, size 11, \$75; 15-speed mountain bike, \$200; assorted other exercise equipment available. I recently discovered that I'm a lazy bastard. Call 555-7562.

CANON COLOUR photocopier, \$1500. Older-series \$50 bills (w/o gold seal), almost perfect, \$1000 gets you 100. 555-3253.

NANNY NEEDED now! Must be neat nurturing, not naive. \$30/night. No knowledge necessary. 555-6463.

BABY CRIB, \$25; baby blankets, \$10; baby toys, \$25; baby bottles, \$2/ea; baby, \$5000 o.b.o. We just can't take the crying anymore. 555-2728.

BIG REWARD offered for information leading to arrest and conviction of the prof(s) who created my MATH 235 midterm. While they have technically committed no crime, after that exam they deserve to be jailed. 555-3245.

LOOKING FOR NEW ROOMMATE for 2-bedroom apt. north of campus. Old roommate met with unfortunate accident. Must be clean, quiet, and respect privacy, especially by ignoring screams and odd smells coming from my closet. \$250/month plus util. 555-5455.

MOVING SALE
My roommate has moved out, and everything he's left behind must go! Assorted unwashed dishes, \$15 for the set; unidentified food from the back of the fridge, \$5; rusting bicycle chain, \$10; slightly moist Penthouse collection, \$50. Call 555-4767.

.30 CALIBRE SHOTGUN, \$100; 40 metres nylon rope, cut into convenient 2-metre lengths, \$2/length; bottles of pills, \$5-25 per bottle. Call Dr. Kervorkian, 555-8343.

GAS STOVE, 2 yrs old, slight leak, \$100 o.b.o.; Toro lawn mower, missing blade guard, \$75; electric knife set (cord slightly frayed), \$25; box of greasy rags, \$5. 555-6824.

LOST: PET Bengal tiger. Answers to Cuddles. If found, run for your life. Call 911.

FOR SALE: Smoke detector. Slight fire damage. Melted batteries included, \$5 o.b.o. 555-2427.

POSITION WANTED
Desire position of secretary, fulltime or Part time. Can take dictation, Type 665 wds/min. Call 555-328.

SALE: LUCKY rabbit's foot, horseshoe, collection of 4-leaf clovers, and other good luck charms. Meet at Waterloo Estate Auctions, 6pm Sunday.

LOOKING FOR cheap, easy way to get sued? Insult your local Scientiology chapter.

Tell your teens the facts of math.

Tell them the facts of math.

Tell them how Galois died in a *duel*!

Tell them how Abel died of *tuberculosis*!

Tell them how Cantor died in a *mental asylum*!

Then tell them you're giving them the Young Derivers of Canada program, the most demanding deriving course in North America.

They'll learn risk theory preparation. Emergency



graphing. The secrets of covariation avoidance. And so much more.

Kids are always thrilled to get Young Derivers as a present.

But as a parent, you know you could be giving them the gift of a *math time*!

Covariation free!

programs for licenced derivers and fleets.

WATERLOO CLASSROOM - MC COMFY LOUNGE

MAR 17 Group Theory and Green Beer

MAR 30 Covariation and Examination Avoidance

WATERLOO CLASSROOM - mathNEWS OFFICE

MAR 16 Production Night Emergency Handling

MAR 30 7 Secrets of Procrastination (postponed from February)



Young Derivers Of Canada

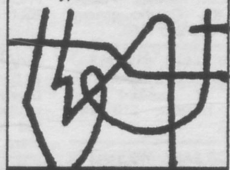
That's what calculators are for.

555-6284



Knob Hill YARNS

Typical K/W Roads:



CAMBRIDGE / WATERLOO
YARN TERMINAL

PRODUCT OF CANADA

"GENUINE SYNTHETIC"



GREEN.79

BALL

I CAN'T BELIEVE IT'S NOT CASHMERE

ASSORTED COLOURS



REALLY BIG BALLS 19.99

EACH

CHUCK WOOLERIES

SYNTHETIC
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ROLL

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MAN'S BEST FRIEND YARNS

PURE DOG HAIR
EBONY



ROLL

.95

See in-store flyer for many more Specials!

Saturday March 7, 1998

ARE YOU BUILDING a better mousetrap? Have you reinvented the wheel? Call the National Organization for the Sale of Happenin' Inventions & Technology at 1-800-GET-RICH quick!

FOR SALE: cone-shaped bra. Cannot wear anymore, too hard to breastfeed in. \$10,000. Call 555-6969.

WANTED: BARRY MANILOW, Neil Diamond albums or similar for bonfire to be held next Saturday. Extra \$\$\$ for bulk quantities. Tickets \$15. Call 555-2876.

IS YOUR REFRIGERATOR running? Do you have "Prince Albert in a Can"? If you answered yes to either of these questions, dial 555-6171.

LOST: JOB, dignity, self-worth, reason to live. If found please call 555-3323 or I'll be gone by morning.

SALE: one large wardrobe-style closet. I don't need it anymore now that I've come out of it. Call Ellen at 555-5726.

ATTENTION FILMMAKERS! Need a film set that looks just like a hospital? You can now rent locations that look so real, you'd swear you were in a closed-down hospital. Please contact the Ontario government at 1-800-268-1153.

KITCHEN TABLE, \$15; microwave, \$100; coffee maker, \$10; canister of mustard gas, \$50,000; blender, \$10 firm. 555-2273.

SOUL FOR SALE. Will trade for knowledge, power, and pleasure, or best offer. Call Dr. Faustus at 555-3797.

VOCALIST looking for musicians for Death-Metal Marching Band. Must be able to thrash, blaspheme, and otherwise offend while keeping a steady pace. 555-3845.

WANTED: ORPHANS or parts of orphans. Contact Burger King at 555-6328.

FOUND: A GODDAMN tiger! If it's yours get him the hell out of my bedroom. He's wrecking the sheets. Call 555-2744.

STUDENTS
Are you fed up with midterm stress? Are you upset about rising tuition fees? Do you wish you had more time to relax? Take action! Drop out now! (A message from WFRSE, the Waterloo Foundation to Reduce Student Enrollment.)

LOOKING for horses that drive cars, cows that sing showtunes or frogs that design supersonic aircraft. 555-7387.

WANTED: CEMENT SHOES, various sizes, for striking meat packing plant workers. Call Maple Leaf Foods at 555-7222.

HORSE SADDLE
Brand new horse saddle, \$100; leather bridle, \$20; whip, \$30; handcuffs, \$200; rubber corset, \$30. Also looking for new girlfriend. 555-5975.

A BETTER LIFE through cloning! Whether for yourself or a friend, there can never be too many of you! Makes a great gift. Free consultations. Call Dolly 555-3932.

MOVING SALE
FROST-FREE refrigerator, \$300; self-cleaning oven, \$200; antique desk, \$300; Stainmaster carpet (slightly worn), \$10/sq. ft.; solid oak flooring, \$2.50/sq. ft.; kitchen cupboards, \$100. Must sell immediately, as I'm being evicted from my furnished apartment. 555-8253.

WOULD LIKE to trade my IBM 286 clone with EGA monitor and dot matrix printer for someone's Pentium II with at least 32 megs of RAM. Wouldn't you like to own a collectable computer classic? 555-7226.

CHILDREN'S BOOKS for ages 4 to 12, never used, \$1 to \$10. Children, ages 4 to 12, never used, make an offer. 555-4444.

"Say You Saw It In The Kitchener-Waterloo Pettysaver; Nobody Will Believe You, But What The Hell!"

OFFICE SUPPLIES
Canon colour photocopier, \$1000; HP LaserJet III printer, \$2500; reams of letter-sized paper, \$5/ream; Post-it notes, \$3 per dozen packs; pens, 10 for \$1. This should teach Schneider's for laying me off. Call 555-2333.

WANTED: FANS to attend Montreal Expos home games. 555-3976.

NECKLACE, \$50; earrings, \$20; ring, \$50; ring announcer, \$50 per hour; wrestler, \$2.5 million per year for 3 years. 555-3742.

NOW HIRING
Have no backbone? Need a job? We're looking for people to be UN Weapons Inspectors. Contact Secretary-General in New York.

Need a kidney? I've got 2 of them! 555-7477.

LOST: MY virginity. If you took it, give me a call at 555-7588 and tell me what else happened after that fifth drink.

WANTED: A CLUE for the proper capitalization of mathNEWS. Call Chris redMOND at 555-2583.

PARACHUTE FOR SALE.
Brand new, never opened. Slightly stained. Call 555-8423.

BUS TOURS
We offer tours of some of the most exotic and exciting places in North America. You'll visit some of the continent's greatest tourist attractions, stay in the fanciest hotels, eat in the fanciest restaurants, and be clubbed over the head and dropped off in the middle of nowhere while we steal all your money and valuables. Interested? Call Robert U. Blind Tours at 555-3658.

YOU WANT ORGANS. I got organs. Hearts, livers, kidneys all at bargain-basement prices. Cardiopulmonary systems a specialty. Call Tomaso at 555-2467.

Reclining chair, \$50; wooden chairs, \$25; baby highchair, \$10; electric chair, \$100; gas chamber, \$500; guillotine, \$750. 555-8775.

FOR SALE: CSC custom-made showerhead. Mint condition. 555-7335.

MOVING SALE. Damn bitch is kickin' my sorry ass outta da place. Gotta get rid of everything, yo. 555-5843.

BABY STARTER KIT
Featuring a stroller, diaper pail, crib accessories, play pen, assorted toys, selection of premium semen, and turkey baster. Asking \$100 for all. 555-2229.

BEWILDERED by the Internet? We can help. After completing our intensive training, you'll be able to find the best pornography, hate literature, and copyrighted software the Internet has to offer. Call InterPerv Online, 555-7378.

HELP WANTED: upstanding citizen needed to fill vacant Ontario senate seat. Must be willing to travel to Ottawa once every two years and appear to be interested. Lack of opinions a plus. Call Jean, 555-5236. Tones need not apply.

WE NEED bone-crunching, eye-gouging, stick-breaking, cross-checking goons for local curling team. 555-7626.

RANK FOOD Scayres DISCOUNT BAKING SUPPLIES RANK FOOD

Scayres

"Great Selection of Easter Molds and Mildews"

VERY ACTIVE YEAST 2.49 5.4 kg lb	CRUNCHY ANT-RIDDEN FLOUR 5.99 20 lb bag	CHOCOLATE CHIPS 1.09 2.4 kg lb	CHEESE KURDS 1.29 2.4 kg lb
BULK MAYONNAISE 2.29 5.4 kg lb	MUSHROOMS GROWING ON OTHER MUSHROOMS 79¢ lb	DRIED, YET SOMEHOW MOLDY, APRICOTS 2.79 6.4 kg lb	ASSORTED PSYCHEDELIC LICHENS 11.99 ea.

Scayres Rank Food & Baking Supplies
Regina Street at Columbia Street
(Next to McDonald's; how appropriate.)
WATERLOO 555-7853

Come in and Heave!

Wed. Is Senior's Day
10% OFF Life Expectancy

FOR SALE or trade: extremely rare photo of Mary-Kate and Ashley Olsen autographed by JFK! Genuine! Visit me at 22 Yarn Way.

NEEDED: ride to Havana. If you have a car, I've got the 20 lbs of TNT. Let's talk. 555-2822

FOR SALE OR TRADE
One slightly used provincial-style highway. Made in the rustic concrete fashion with tinted bends that motorists love! Already equipped with high-tech billing service. Want to trade for 20 helicopters or a Toronto-sized muzzle. 555-0686.

FREE: some stamps I found in my attic that have the biplane upside-down. I can't use stamps that have errors on them! Come by the house to pick them up. 25 Zeb St.

FEMALE PROSTITUTES, \$50 per hour firm. \$25 per hour saggy. Call 555-3476.

THAT'S IT! I give up! I'm taking my life tonight. If you want an extra OHIP card or Social Insurance Number, it's yours if you get here first. Bring a gun. 555-6466.

RIDES OFFERED
Hi! I'm offering rides on weekends from K-W to Toronto. Share gas expenses. Must not mind riding in trunk or being strapped to roof of car. Call 555-7433.

FOR SALE: that damn magic trick that's no damn good anymore because of that freaky FOX special. Damn sweeps period! 555-5555.

DESPERATELY NEEDED: entertaining articles for the Iron Warrior and the Imprint. Submit c/o mathNEWS; we promise to pass them on. Honest!

FOR RENT OR SUBLET: one life, as is, for duration of CS 488. Call 555-9675.

PRACTICALLY new bird cage for sale. Had to get rid of bird. 555-2473.

PRACTICALLY new playpen for sale. Had to get rid of baby. 555-2472.

PRACTICALLY new wedding ring for sale. Had to get rid of husband. 555-9433.

PRACTICALLY new Stats textbook for sale. Had to get rid of statistician. 555-7828

NEED A ROOM trashed? Contact the U.S. Olympic Men's hockey team.

WE NEED PEOPLE to hand out hot chocolate for one of our rallies. Interested? 555-3337.

FOR SALE CHEAP: vacation condominium in Tampa Bay. Originally located in Orlando. Must be seen to be believed! 555-9463.

PREGNANT? No? Need help? Call 555-7883.

FREE T-SHIRTS
Free! "I Showed Up for Production Night and All I Got Was This Lousy T-Shirt" T-shirts are being given away since nobody showed up. Contact MATH-NEWS, MC 3041.

PEZI PEZI PEZI
No, I'm not looking for any antique Pez dispensers you may have lying around the house. I'm collecting antique Pezi! Yummy! 555-3658.

DISSATISFIED with your job? Would you like to earn an additional \$500 - \$5000 per month? The exciting fields of gun running, cocaine muling, or cigarette smuggling may be for you! 555-5455.

LOOKING for convenient patsy to pin series of bank robberies on. Must appear convincingly stupid; arts degree not necessary, but an asset. 555-5245.

MOVING SALE
RAPTORS uniforms, Rookie of the Year award, Rookie All-Star Game MVP award. Everything must go! I have a new job in Portland and must get out of Toronto as fast as possible. Make me an offer. Call Damon at 555-0293.

I ONLY get four free lines in this ad, and it would cost way too much to add more lines to it. In any case, I'm looking to buy a

SWM SEEKING SWF...no, wait! SF...no, wait! F for intimate companionship and lots and lots of sex. Leather fetish a bonus. Call 555-9447.

SATIN SHEET SET for double bed for sale. \$30 for complete set; \$35 if you want them washed first. 555-9825.

CUTE KITTENS for sale, \$20 to a good home. Slight eye damage. Contact Mary Kay Cosmetics at 555-7246.

SOFABED, king size, \$100 o.b.o. Perfect for sleeping or gettin' it on all night long...oh baby! 555-5683.

CHRISTIAN DIOR FUR COAT
Female black mink with fox trim, fitted style, size 10 petite. Red paint stains from animal rights activists hardly noticeable. \$500 o.b.o. 555-6465.

ARE YOU born again? Well... good for you.

WANTED: DATE with dreamy Leonardo DiCaprio! He's so cute! Aaaaaaahhhhhhhhhhh! Please contact me, Leo! 555-4865.

KIDS! Are you looking for some extra money to supplement your allowance? Why not deliver the Pettysaver? If you're between the ages of 8 and 14 (and hence not eligible for minimum wage), you could earn as much as \$5 per week in a neighbourhood somewhat close to yours! Call 555-5653.

I Lost 75 Pounds in Only 2 Days!
Melanie R.



Weight loss guarantee! If you don't lose at least 20 pounds per day, just return the bacteria and we'll refund your money!

Necrotizing Fasciitis Institute
Where the weight melts away.
555-8446

Maestro, If You Please

Okay, so there I am on my way to work. I'm just walking down the street, cars swerving and horns blaring, and I get to thinking. And basically I'm thinking that you never see a group of people break out in song while waiting to cross the street. Nobody ever does a little tap routine when climbing a set of stairs. And everything always ends before any size woman sings. And I'm thinking that this is a shame.

Life should be more like a musical.

I just think it would make things a little more lively if at any moment you could be expected to drop everything and join an impromptu song and dance act. Just walking along one day and bam! you're part of a twenty-member routine singing about potholes. Exams. That smell on the bus. People could still act surly and rude, but they would have to put it to music, do a little soft-shoe. And think of the difference in your classes. Imagine calculus. Prof. Wainwright and 12 ladies performing "One Singular Equation" (lyrics available from the editor). *[The management would like to note that said lyrics are not, repeat, not, the fault of mathNEWS. — ΣEd.]* Captivating. Prof. Salem in CS 354: Phantom of the Operating System.¹ Riveting. STAT 231... well, still the focus of all that's evil, but there'd be music and dancing! And personally, I would *pay* money to see the members of the CSC lined up in the hallway outside the comfy lounge, all done up in tuxes, top hats and canes, singing about anything at all.

I'd just like to take this moment to mention Matthew Blakely.

Of course, if you're like me, there would be one problem with this: namely, my complete lack of anything even resembling talent. As *The New York Times* once put it, I "dance like chicken, sing like moose." While I may be the Fred Astaire of the world of fowl, it doesn't help. A chicken has absolutely no sense of timing; the choreography just gets shot to hell. Not to mention trying to get them into those Las Vegas outfits.

See, what I need is a personal soundtrack. A little background music that changes with my mood or the setting. Walk into a room and there's a brief fanfare announcing my arrival. Riding on a roller coaster and have some rock music blaring loud enough to drown out my girlish screaming. That's what I need. Well, technically I already have that; what I need is for other people to be able to hear it. Especially other people their own personal soundtrack who don't pay any attention to what they're doing. It gives me such a headache when these soundtracks clash.

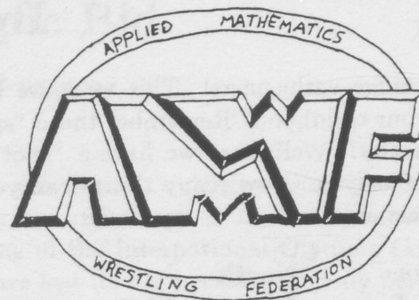
Anyway, to close off, I'd just like to say lighten up! Sing a little! And drop by Needles Hall to see *chrisREDMOND*. Tell him you just stopped by to say hi because he's such a nice guy. Because he is a nice guy. And if he hasn't read this article it should really confuse him.

D.K. Gardiner

¹Yeah, I know it's a bad pun, but at least I didn't use "A Torus Line."

Last Day to Preregister!

Get those choices in...



Hey, yo! We're taking a little survey...

The AMWF (Applied Mathematics Wrestling Federation) is starting up for real and is seeking wrestlers to fill its roster. The *mathNEWS* editors (otherwise known as the m.N.e) has extended an open invitation to anyone foolish enough to step in the ring with them. Do you have what it takes to take on Hollywood Latrell or take on Stone Cold Chad Severn in a Spivak Iron-Man match? (Whatever that is...) All matches are run using TNM 6.3. Results of cards will be posted in the next *mathNEWS*.

To join in, fill out the submission form below and drop it in the BLACK BOX or the *mathNEWS* office by Friday, March 13th. If you have any questions about the league or the form, email rcgaudet@undergrad.math.

Icor "Bischoff can't lace my boots" The Mighty

AMWF Application Form

Name: _____

Email: _____

Wrestler's name: _____

Height: _____ Weight: _____ Gender: _____

Name of finisher: _____

Description of finisher: _____

Pick one of:

Amateur ☐ Top notch brawler ☐

All rounder ☐ Stiff martial artist ☐

Basic highflyer ☐ Basic brawler ☐

Luchador ☐ Submission wrestler ☐

Aerialist/technically ☐ Technically skilled ☐

skilled ☐ brawler ☐

Daredevil flyer ☐ U.S. standard worker ☐

Brawler/technician ☐ Brawler (aerially skilled) ☐

Distribute 200 points among the following:

Work rate _____ Stamina _____ Push _____

Distribute 5 special points among the following:

Never submits (Costs 2 points if chosen) _____

Rarely submits _____ Difficult to pin _____

No sells moves _____ Gets a second wind _____

(You can use 1 special point for 10 attribute points above)

Bridging the Gap

Hello, fellow bridge enthusiasts! This week we bring you a little relic from your childhood. Remember those "spot the hidden pictures" puzzles? Well, here we have a "spot the hidden boo-boos" puzzle for you. How many things can you find that went wrong on this auction?

Vul: None	North		
Dealer: S	♠ J 9 8 7 5 4 3		
	♥ K 5 4 3		
West	♦ Q	East	
♠ A K Q 10 6 2	♣ 7	♠ Void	
♥ A 8 2		♥ Q J 10 7 6	
♦ 9 2	South	♦ K 10 7 4	
♣ 10 2	♠ Void	♣ Q 9 4 3	
	♥ 9		
	♦ A J 8 6 5 3		
	♣ A K J 8 6 5		
South	West	North	East
1 ♣	1 ♠	Pass	Pass
2 ♣	2 ♠	Pass	Pass
3 ♦	Pass	3 NT	Pass
4 ♣	All pass		
Opening lead: ♠ A			

Here is what we found. Keep in mind that your list may be different, or even better, than the one here. However, we think that this is a good review in basic bidding, and hence, we will make our list based purely on basic bidding principles.

1. South's opening bid of 1 ♣ was not the best way to open this hand. A better bid would have been 1 ♦. Even in as wacky a distribution as this, you still open the higher-ranking of 2 long suits that are the same length. Hence, even though the clubs look better, you still open this hand 1 ♦.
2. At South's next opportunity to bid, he should then show the clubs. He must use common sense, however, as he still knows very little about his partner's hand, since North

passed at his only opportunity thus far. So, what you bid here in South's position? 2 ♣ or 3 ♣?

3. North's failure to double West's 2 ♠ is unfortunate. The double, at this stage, really could not be interpreted as anything else but, "They're going to go down in flames." Even if East tries to bail out his partner and runs to hearts, you've given your partner another chance to bid, plus shown him a bit of information about your hand. There is really nothing to lose at this stage by doubling.
4. Is there anything else? What do you think about North's 3 NT bid? Is there a better one in that situation? Is 4 ♣ the best contract that North and South could end up in? If not, what is?

The last point illustrates one important aspect of bridge: Often, especially in a competitive auction such as this, there isn't necessarily one single correct bid, depending on how aggressive you are, what kind of conventions (if any) you play with, and so on. At times, bridge can be somewhat frustrating, if you run into a case where you can't really describe your hand all that well. However, at those times, you let common sense take over. Are you a cautious player? You might be content to hold back, and pass. Are you very aggressive? You might be inclined to bid your life away, just to shut your opponents up. So, what may be right for you, may not be so correct for someone else, but sometimes you have to live with that.

By the way, in this hand, 4 ♣ was down 2, on less-than-spectacular declarer play.

Anyways, our next regular Thursday night bridge game will be Thursday, March 12 at 7:30 p.m. in SLC 2134-35. See you then! And don't be afraid to make a mistake, because no one's going to kill you if you do (although you might get the odd threat with a garbage can).

Michael "I voted for ILBD" Brown
Chris "Mr. Subliminal" McGuire

Life, the University and Everything

All we wanted to do was watch South Park...

Those of you who know me will know that I have been recently converted to a South Park aficionado. Nary three weeks ago was my initial exposure to the low-brow humour we all love so much, the enlightening episode where Jesus knocked down Satan in a brawl.

First I'll set the scene for my tale — a cold, slightly rainy Friday night. After a long afternoon of playing cards (Yes, we have nothing better to do. Female company welcome any time, any day), we decided to watch South Park. It was a scant 20 minutes until the time of the Park, so we decided to get going.

First off was my domain, the J.R. Finn TV room. It was not to be — they were watching a movie. We walked over to the women's residence to check their TV rooms — after 3 minutes of

frantic pounding on the door we were let in. Alas, some MOVIE was playing on the screens.

Next, a quick run to Village. Well, quick for some of us. Since none of us lived in Village, we had to run around looking for an entryway. TV Room #1: No South Park. TV Room #2: No South Park. TV Room #3: No South Park. By this time South Park was half over.

Dejected and defeated, we returned to the Cornfy, all the while moaning about our misfortune, to retire to a night of Barboo.

For those of you astute enough to realize I've talked about nothing, congratulations. I didn't have anything to talk about. I still don't. Let that fact ease your soul.

Mikey "Super Psycho" Brown

Waterloo's Failed Olympic Bid

We weren't going to be here in 2008 anyway

Yes, folks, it looks like Toronto is the runaway favourite to be the Canadian Olympics Association's pick for Canadian candidate for the 2008 Summer Olympic Games. You may not have known that there were many other contenders, including our very own Waterloo.

Mississauga was in the race till the bitter end, but lost out to Toronto. There were many similarities between Mississauga's and Toronto's bid, most strikingly being the fact that in both bids, all of the athletic facilities would be funded by and built in Toronto. Mississauga would just have all of the athletes commute from there into Toronto. Toronto would pay for it all, while Mississauga would reap all of the benefits of the Olympics to itself. The Ontario Government itself thought that this was the best bid.

Brampton, on the other hand, dropped out early, due to one very significant reason, which as one member of Brampton's City Council put it, "It's the most fucking boring city in the world!"

St. Catharines also put in a bid, but nobody in the COA could find it on a map. (That wacky COA! Always getting into trouble!)

But most impressive of all was Waterloo's bid to host the games. It would have been magnificent, let me tell you. Here are but a few of the many plans that Waterloo's Olympics dreams were made of.

- Ron Eydt Village would have been renamed once again to the Olympic Village, and athletes from around the world would have happily been bunked two to a room. NBC and CBC correspondants would be shackled up in the Engineering Lecture Hall.
- The Opening Ceremonies would have been held in MC 2035, where Professor Sivaloganathan would have held a rousing round of "Frere Jacques" with the students of the world.
- Yachting would have been located in Columbia Lake, which is not quite large enough for all those big funky boats. Temporary flooding of the Columbia Lake Townhouses would have been required. To increase the challenge level of both sports, water polo would also be played in Columbia Lake simultaneously.
- Weightlifting would have been in the Davis Centre Library, where Calculus text books would have easily substituted for the commonly used, but equally dense, dumbbells.
- The PAC would be torn down in order to build an Olympic-sized Table Tennis Centre, which would be a legacy for the University of Waterloo. Future table tennis athletes would be able to use these state-of-the-art ping pong facilities for years to come.
- Women's Beach Volleyball would be held by the Bombshelter, while Men's Beach Volleyball would be held somewhere over on Weber.

It was an impressive bid, and it would have cost only \$2.2 billion dollars, \$1.8 billion to build the Table Tennis Centre, and \$400 million for the rest of the buildings. So you're asking, what

went wrong?

If Waterloo was Canada's choice to host the Summer Games, it would have been necessary to do some serious ass kissing, I mean, lobbying of the International Olympic Committee. Waterloo may have lost its bid because the only person to offer his assistance in lobbying the IOC was Brian Fox, who said "I'll buy any IOC member a beer when they come by the Bomber." He later retracted that promise when several IOC members that looked a lot like U(W) students asked for free beers.

Waterloo's bid was also seriously undermined by the coalition "Education, Not Freakin' Jumping Jacks!", which was founded to make sure that our homeless and students and homeless students are not dislocated by the Olympics, and that the government's priority is to serve Waterloo's underprivileged before looking after the underprivileged athletes of the world.

Also, Wilfred Laurier students gave us some shit about building an Olympic sized swimming pool where WLU sits today. But it was probably that Fox guy who jinxed the whole deal.

So, it looks like the swift hands of sport have passed us by again, but let's not wallow in sorrow. We should focus our energies in other constructive areas like child care, the homeless, and our education system.

hmmmmmmmmmmmmmmmmmmmmmmmm

Ah, screw that. Let's build that Table Tennis Centre anyway.

CAS



Cryptogram

Greetings to our faithful followers. Hope you are still finding our crypto-philosophy appealing. And what else is there to do in Friday morning's CS 340? Here's the solution to last issue's puzzle, a quote from one of the greatest philosophers of all time:

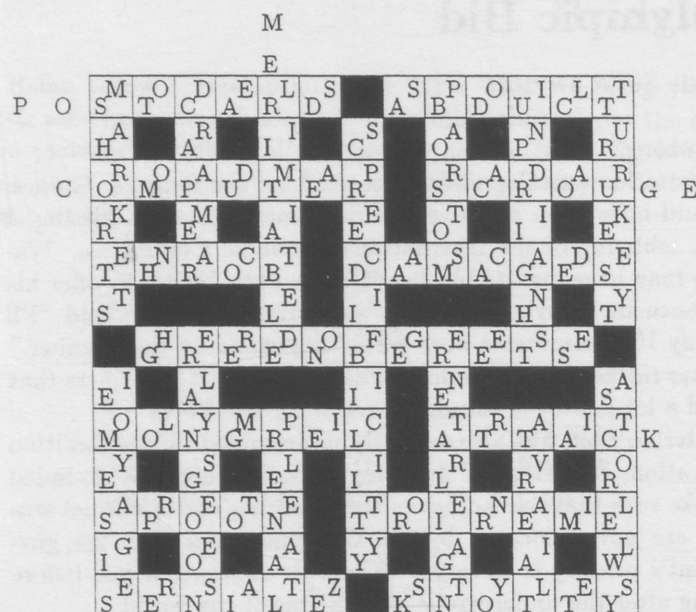
What I like best in the whole world is Me and Piglet going to see You, and You saying "What about a little something?" and Me saying, "Well, I shouldn't mind a little something, should you, Piglet," and it being a hummy sort of day outside, and birds singing. -- Winnie the Pooh

Due to midterm crunch we've reverted to a shorter puzzle this week. You'll have no trouble solving this, especially with the clue that c equals o .

Si usc ecblgcbkj ksi dtgtpcvrety ivdcjij srajiyl kc
gityrkx. -- Lgripgres Pmggibatkk

Think about that the next time you're trying to solve that stubborn algebra problem... Until next issue...

The Avengers



gridCOMMENTS

Cryptic Guy

Howdy all,

Well, okay, I admit, Matt warned me that maybe an unconventional cryptic would be a **BAD** idea. I seem to have made it too hard for everyone except (of course) the legendary Ian "The Word Guy" Facey, who got perfect. Someone give that man a prize!

This weeks gridword will be **MUCH** easier. The theme for this one is Scrabble (TM, all rights reserved, pay homage to the deity, etc.), and so there are exactly 100 blanks, with the exact letter distribution of a Scrabble game. (You can e-mail me at dbecker@novice if you don't have a copy of the letter distributions handy.) Remember, of course, that there are two blank tiles, which can be any letter (but are the same letter down and across).

Doug "Three weeks to do it,
and still two hours late" Becker

Conventional Guy

Here's yet another conventional gridword, for those of you keeping score at home. Nothing special this week...it's the no-frills midterm gridword.

First off, let's deal with the solutions from last time. There were four (count 'em!) submissions for last time's Gridword: two of them were completely correct, and two of them had one error each. The four submissions came from Claire Bilodeau, Ian "The Word Guy" Facey, Gnuf, and Icor & Gigi. Both Claire's and Ian's had no errors, so, by coin flip, the winner is... Claire Bilodeau!

So, without further ado, flip that page and get working on the new Gridword. Remember to submit your solutions to the black box on the third floor of MC. Questions? E-mail trwcolem@undergrad if you have any questions.

Have fun!

Tim "Crack-Boy" Coleman

Life in the Slow Lane

Let the bitterness begin...

Greetings, dear readers! This is everyone's favourite protector of the common good (provided the common good slips me a couple of bucks from time to time...) Unfortunately, today I'm really feeling somewhat cynical, since I've been working on a really, really long, and really, really annoying STAT 333 assignment. Nothing like ranting on severe sleep deprivation. Well, it's stats, so I suppose I shouldn't expect anything else... (Stay away from me, Mr. Pseudo-Expert — just back away slowly, with your hands behind your head...)

However, there is other business to clear up. Last issue (so many eons ago) I asked you to vote on whether you were celebrating Valentine's Day, or whether you were celebrating International Loneliness and Bitterness Day. Well, the votes are in, and here are the results:

International Loneliness and Bitterness Day: 11 votes.

Valentine's Day: 5 votes.

As you can see, not the most responded-to survey, but those that did respond gave me some very interesting comments. Thanks to all who took the time to drop me a little note. I'll leave it to you to draw your own conclusions.

Also in the last issue, my friend and colleague, Mr. Michael Brown, raised a question as to why I haven't resurrected the one sentence that catapulted me to fame over the summer: "It's not so bad being single." Well, the reason is twofold. First of all, that whole issue went farther than even I had anticipated, and hence, in my opinion, played itself out rather fast. So, I figure that I should leave well enough alone, and avoid that can of worms like the plague. If Michael is brave or bold enough to open it up himself, I wish him the best of luck, and I'll just sit back and watch the sh\$# hit the fan one more time.

The second reason? Well, let's just say that one of the votes for Valentine's Day was mine.

Which has surprised no one more than myself.

Chris "Mr. Subliminal <Too...much...stats...
can't...function...normally>" McGuire

Spermatikos Logos #4

Thanks to everyone who submitted to the boggle puzzle; it was really fun to correct. I received in total 9 submissions to the puzzle, all of which were correct. So the prize comes down to the bonus question. I was very impressed with the amount of effort put into the question. Scores break down as follows: Claire Bilodeau - 225, Eric Fung - 281, Wendy - 319, Jon Savoie - 367, Candice Parado - 401, Greg "Hologrami" Taylor - 460, Ian "the Word Guy" Facey - 505, Paul Royston - 515, and the winner with a whopping 633 points - The Royal Recreational Lemming Society. These guys also had the longest word (DOGMATIC). The correct solution for all interested parties is as follows:

R E I M
B A T C
M L O H
S G D B

[At this point Robin was unfortunately eaten by a grizzly. Well, no, but it was a close thing. In either case, he hasn't got a puzzle for this week. Hopefully the abrasions will have healed sufficiently to allow him to think logically again by next issue. — ΣEd.]

mathNEWSquiz # 4

Another week, another Squiz. The winners from last week are, once again, the Co-op guys with 46 points! So close to winning the monster prize for a perfect score. Close behind them were Claire Bilodeau with 42, Gnuf with 39, Ian "The Word Guy" Facey with 36, Royal Recreational Lemming Society of Canada with 36, John Swan with 30 and Brennan "Future Actuarial God" Kennedy with 23. Seven submissions! Glad to see an increase. I've made this week's puzzle easier in some areas I hope. I'd love to see someone get a perfect score. Good luck!

The answers from last week are: 1) Head over heels 2) Michael Flatley 3) Cyan Magenta Yellow Black 4) Angel Falls 5) Eucalyptus 6) 50 miles per hour 7) Brainy 8) Dodi Al Fayad 9) William 10) Antarctic 11) No 12) 10 yards 13) Waterloo Warriors 14) Bats or sea birds 15) 19, including Never Say Never Again 16) George Lazenby 17) Octopussy and Never Say Never Again, 1983 18) Berretta, as Bond stated in Dr. No 19) Felix Leighter 20) Admiral Sir Miles Messervy 21) 16 22) 7 23) same 24) Draco 25) Smirnoff 26) Concord 27) Potatoes 28) Mezcal plant, an agave 29) hops, water, malt and yeast 30) <free point... I messed up> 31) red 32) Nils Lofgren 33) Me 34) Youngest 35) One 36) Is 37) Sailing 38) Luke 39) International Monetary Fund 40) Golf 41) Appalachian Trail 42) Minotaur 43) Cronos 44) Poseidon 45) Hades 46) Hera 47) Golden fleece 48) armed warriors 49) Perseus 50) Andromeda.

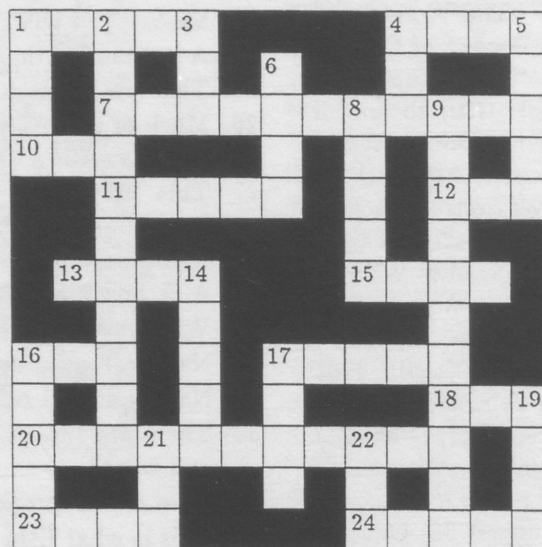
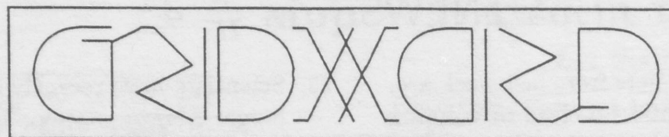
Your questions for this week are:

1. This is the second largest moon in the solar system.
2. This titan carried the weight of the world on his shoulders.
3. This titan regrets giving fire to men.
4. This woman drew the Greek armies to Troy.
5. This mightiest hero of Troy was slain by the mighty Achilles.
6. After Troy, this hero took an astounding two decades to return home to Ithica.
7. This woman was his faithful wife and refused all suitors.
8. This man is credited with writing the story of the Trojan War as well as the return trip of one of the heroes. Who was the writer?
9. What animals did Sioux Indians call "divine dogs" when they first saw them?
10. Chemical symbol for nickel.
11. What do people who suffer from narcolepsy have an uncontrollable need to do?
12. What mainstay of Mexican menus is made from "masa harina fe maiz"?
13. How many pillars support the front balcony of the White House?
14. Chemical symbol for iron.
15. Chemical symbol for lead.
16. What country was Alexander the Great from?
17. The Hannibal who crossed the Alps with elephants was from this city state.
18. The Romans later planted this in the fields around there.
19. This type of dog is often depicted in the mountains with a cask of brandy around its neck.
20. This type of dog is often associated with firetrucks.
21. This type of cat has no tail.

22. Scientists have recently found a way to make tomatoes last longer before spoiling by crossing tomato DNA with the DNA of this type of fish.
23. Speaking of DNA, this is what DNA means.
24. A person has this many chromosomes.
25. This was Marilyn Monroe's original name.
26. Much of the trouble in modern-day Ireland goes back quite a long way as a dispute between these two religious groups.
27. This Roman emperor supposedly fiddled as he watched Rome burn to the ground.
28. If you were born in 2 B.C. and celebrated a birthday in 10 A.D. how old would you be?
29. What does A.D. stand for?
30. Name all seven dwarves in Disney's Snow White.
31. Name all eight of Santa's reindeer, not including Rudolph.
32. There are three basic types of columns. Corinthian, Ionic and what?
33. Does red kryptonite hurt Superman?
34. This is what IBM stands for.
35. If you wanted to dial Moe's Tavern on *The Simpsons*, this is the number you would dial.
36. Builders of tanks in World War I were not told what they were building for security reasons. What did they think they were building instead of war machines?
37. Walt Disney World recently celebrated a major anniversary. Which one?
38. Who was the first to fly non-stop over the Atlantic Ocean?
39. Who was the first person to orbit the earth?
40. Before he took a mix of names from Marilyn Monroe and Charles Manson, what was this artist's name?
41. Billy Corgan of the Smashing Pumpkins was born on March 17, 1967. Name this holiday and the sun sign he is under.
42. This band was formerly known as the Dust Brothers.
43. Of the rulers Alexander the Great, Charlemagne, Julius Caesar and David (slayer of Goliath), which one was never a king?
44. What is Prince Philip's surname?
45. How many zeroes in a trillion if you are in England?
46. When weaving, warp and weft threads run across each other to make cloth. Which goes which way (choices being lengthways or crossways)?
47. Salmonella bacteria can be found in all kinds of meat. So why is it named *Salmonella*?
48. What does a bazooka have in common with a heckelphone, a glass harmonica and a serpent?
49. This plastic building block toy comes from Denmark. What is it?
50. What does the name of the toy mean?

Make sure to submit your questions for this week by March 16th at 6:30 pm. Submit by either stuffing entries in the BLACK BOX or delivering them in person to the mathNEWS office or the mathNEWS mailbox in the MathSoc office. Good Luck!

Squizinaster Blue



Grid Clues (Cryptic)

Across

1. Quite usually extreme echelon nymph
4. string a story line
7. massacre of bleak sun ape not to be gossipped about
10. a fish subverted a healer
11. I hear horse product is in my cold home
12. "Question the cow", hyena argues jokingly
13. skinless preservation of merchant car
15. craftsmanship in backs
16. a necklace instead of confusion without you
17. Inedible fisherman is a disfigured trick
18. almost anger a mummified heart
20. Before hole, seth's bro' was possible to be intercepted
23. without bee, curbs gossips to destination of declining values
24. halfhearted "Ho Ho Ho" is fundamental to our existance

Down

1. Olivers fortune in cut cephalopod
2. end of knockout pill in Charles sis makes everything clear
3. We spanish are agnostics
4. Mispoken yes, is Jan till Nov
5. Geeky without true heart is seeking help
6. nothing like upsidedown metal container misheard
8. For example, Dodge Mother for soul
9. Spell "Heated bench me, Twit!"
14. mad at ocular rank
16. run down, mashed, and missing dad tea fat
17. Lances, without us, and writes quickly
19. core hive number
21. face to face without car company sixes
22. knot greeting

Grid Clues (Conventional)

Across

1. Five-letter grid game
4. Messy one
7. An answer unrelated to the question
10. A type of digit
11. Choo-choo
12. Opposite of "in"
13. Top of a bottle
15. Fit of anger
16. Master of the macabre
17. Pub drink
18. Allow
20. Bring back to life
23. Not long now
24. To build stonework about

Down

1. Das _____
2. Not any
3. Have possession of
4. Partake of a winter sport
5. Break apart
6. Mr. _____
8. Below
9. Devoid of thought
14. Types
16. A European capital
17. A falling in drops
19. A type of community
21. Ode to a Grecian _____
22. Direct a weapon