

Volume 55 Number 2

math **NEWS**

Friday, February 1, 1991

The elder sibling, ownership of which belongs to me, not a great amount of time just elapsed since, to the university located in and named for the municipal body of the province of Ontario which is known as Waterloo did enjoin a venture and all that which the aforementioned primary offspring of mine parents did unto me bequest upon the occasion of that honourable's return, was a periodical publication, being an example of the worst decadences of this time in and through which we are unable to avoid voyaging, which occasions to, nonetheless, be humourous and the perusal of which to be enjoyable.

(Translation: My older brother/sister went to the University of Waterloo, and all I got was a lousy mathNEWS.)

Look Ahead

mathNEWS	
February 11	Issue #3 production nite
February 15	Issue #3 hits the stands
February 25	Issue #4 production nite
March 1	Issue #4 hits the stands
Co-op	
February 6	Start of employer interviews
Cinema Gratis	
February 12	Fandango (Short: Black Berry Subway Jam)
February 26	This is Spinal Tap (Short: Great Chase)
MathSoc Social Events	
February 4	Bridge Tourney (Grad House)
February 5	MATHster Piece Theatre (Comfy Lounge)
February 5	Euchre Tourney (Grad House)
February 8 - 10	WINTERFEST
February 8	Snow Sculpture Contest
February 12	MATHster Piece Theatre (Comfy Lounge)
February 15- 17	Ski Trip (Kissing Bridge)

Math Grad Committee

Hi everybody! Wow, has it ever been a busy couple of weeks. Between Grad interviews (1st and 2nd), school and those great MGC events, there has hardly been time to do school work. (too bad!) A quick reminder of important MGC events.

First, the RAFFLE is going full blast. If you're a Math Grad, please support our Class Gift to the University by selling those Raffle tickets; you can pick some up at the MGC Office. If you're not a Math Grad and are still reading this article, buy some Raffle tickets!

Second, planning is well underway. If you have ideas about decorations or anything else, drop by the MGC Office or give Paul or Liz a call. A reminder that MGB tickets started going on sale this week so get your tickets NOW!

Third, we finished selling Grad Rugby Shirts (the colourful ones) and Grad Rings (Last Chance!) this week so if you're still interested, drop by the MGC Office or contact Michelle Stronach.

If you've have questions about events or dates, just check the MGC Weekly poster outside the C&D, or the MGC Bulletin Board or the MGC Office. That's all for this week folks, remember it's 4B so have fun! (78 days till the last day of April exams - yeh)

Directors and the Chairs
Peter and Lori

ISSN 0705-0410

mathNEWS is normally a bi-weekly publication funded by and responsible to, but otherwise independent of, the Mathematics Society at the University of Waterloo. Content is the responsibility of the mathNEWS editor; however, any opinions expressed herein are those of the authors and not necessarily those of MathSoc or mathNEWS. Send your correspondence to: mathNEWS, MC3041, University of Waterloo, 200 University Ave. W., Waterloo, Ontario, Canada, N2L 3G1, or to userid mathnews@watserv1 on USENET.

Editor: Editor? Doesn't this paper just show up on Fridays? - Mike Reade & Rob Del Mundo

Social Studies

Howdy, my name is Lori and I'm your Social Studies professor this term. I'm always open to new ideas for events and for volunteers to help with social events.

Our first class this term will be a bridge tournament on Monday, Feb.4 at 7:00 pm at the Grad House. Sign up sheets are available in MathSoc as we speak. This tournament is being co-sponsored by the UW Bridge Club. Our second class will be a Euchre tournament on Tuesday, Feb.5 at 7:00 at the Grad House.

A new feature this term is MATHster Piece Theatre each and every Tuesday at 2:30. These movies will begin on February 5. The first film will be The Princess Bride. Suggestions for future movies can be made at MathSoc.

Also coming up is WINTERFEST on the weekend. This is a FED sponsored event so watch for details.

MathSoc is also co-sponsoring a ski trip with Science to Kissing Bridge. This boffo trip goes from February 15 to 17 and should cost about \$150. Watch for more details coming soon to a MathSoc office near you.

Oktoberfest

The Office Roadtrips

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5 Cent Photocopies

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T-Shirts

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Orientation

Quebec Winter Carnival

Pubs

BBQ's

Services

Class Reps

Study Rooms

4th Floor

The Society Council

Quality

888-4779 or x2324

FUN! FUN! FUN!

The Math Society

Novelties

Volunteers

Blue Jays Games

"MORE THAN JUST A LINE ON A RESUME"

Pure Math Club

Hi! Welcome to the second installment of the PMC column this year. I was going to continue the adventure column format, but I couldn't. The powers felt that it revealed too much information about the secrets of the PMC. If you feel that U(W) just won't be the same without it, mail me at hrook@dahlia.

This column is much more functional, its in point form. At the end is an exciting new contest to challenge and amaze you. So, read on.

- Ball Hockey was played last Sunday in the Optometry parking lot. We're going to try to have it every week. It looks like we're going to have a game against the Profs. For more misinformation drop by the PMC office MC 3033.
- The Pure Math club will be selling a variety of flowers. Orders will be taken from Feb 1st to Feb 13. The actual flowers can be picked up on the 14th. PMC members get a discount!
- The omnipotent yet lovable leader of the PMC has problems solving puzzles like the Rubic's Cube. Also, English is not her first language. She's not sure what her mother tongue is.
- Colin, Paul, Wayne and ummmmmmm, oh yeah Bernie, who are the PMC foreign correspondents in Europe, have sent us post-cards from Frankfurt, Amsterdam, Paris, Geneva and the Vatican. Rumour has it that Wayne got more than he bargained for in Amsterdam.
- Oh yeah, You'll be able to order the flowers every day from 1:30 to 3:30 and from 10:30 to 11:30 on Tuesdays and Wednesdays.
- This past Thursday we had a talk on the Fields Institute. It was cool. Possible tentative topics for future talks are, "How to play mind games with professors" and "How cartoons defy the laws of physics"

And now for the exciting contest. Below is a list of PMC celebs:

- Dee
- Our omnipotent yet lovable leader.
- Blair
- The red haired guy who was a student of the week a while back
- Me
- Some random individual who just happened to walk into the room

And below is a list of popular news groups:

- sci.math
- sci.math.symbolic
- rec.arts.startrek
- rec.arts.erotica
- talk.bizarre

See how well you know the personality of the PMC'ers by matching their name up to their favourite news group. Some people have more than one favourite group. Mail your solutions to hrook@dahlia. The winner will get . . . the complete rules to microwave grape racing and a list of the top 10 bumper stickers on the U.S.S. Enterprise. Wow!

This Just In... In Monday nights soccer game against E1 and E6, The PMC won! And we only had 5 people, no switch offs.

On a sad note Leon broke his glasses again. No other major injuries were reported.

The Harvmonster
Miscellaneous People

Actuarial Science Club Conference

A dozen members of the Act Sci Club piled into a Thrifty's van (otherwise known as "the rental") last Thursday afternoon. The van then took off, at the speed of light, toward Universite Laval, for a weekend conference for actuarial students. We had so much fun that I could fill at least five pages with in-jokes, but in-jokes, by definition, are not really funny if you weren't there. Instead, I'll give you some of the highlights of our trip.

Notable events of the trip down include the fact that Jon mixed up the pick-up points in Toronto (though everyone but Alec has him to thank for making the arrangements to get us to Quebec); the high quality of the driving; being stopped by la Surete du Quebec, because a headlight was burned out, and arguments between the driver and the card players over the flashlight. We reached the hotel at three a.m. (It was the first of several such evenings; vive le Quebec, where a beer is \$2 And a Coke is \$3.50.)

On Friday, approximately 150 students from Concordia, University of Montreal and Western arrived, joining us and a couple hundred students from Laval. We formed a couple of last minute teams for volleyball and hockey, but didn't win a single game.

Saturday, we attended talks (on international work experience, Society of Actuaries exams, and finance), a panel of actuaries who practice in different sectors of the insurance industry, and a discussion of the possibility of recognition of university education in the examination system.

We were late for most events (and even managed to delay one for a few minutes [How could they have missed twelve people out of 400?]), but that didn't stop us from one last valiant attempt (by most of us) to attend our own Rob Brown's lecture on Sunday morning.

In any case, we had a great time. We met lots of people, got little sleep, went to some conferences and has a lot of fun. Those of us who aren't in 4B are already looking forward to next year's Congress, and we hope that even more of you Act Sci types will join us for it.

BJ

Request For Volunteers

Volunteers needed to gather information on local MISSING PERSONS and UNSOLVED HOMICIDES as part of a National Campaign. More Information on this and other volunteer opportunities are available in the Student Volunteer Centre, CC 150A, Ext. 2051 (Monday and Thursday 11 a.m. - 1 p.m.) Other rotating office hours are posted on the SVC door.

Thank you.

Verna Keller

Walk Around Topless

Or help us design a T-Shirt

Here's the scoop. mathNEWSstaffers need T-shirts (because the washer's broken) and neither of the editors could draw stick figures if their lives depended on it. So, mathNEWSdecided it was time for a contest.

Submit T-Shirt designs for the mathNEWST-shirt before February 11th, our next production night, and we'll be choosing a winner at that time amongst the numerous entries. Just make sure that the design is something you can wear in public, because YOU will be wearing it too! That's right! If we choose your design, you get a free shirt.

So, get your design in today; it could get very cold if you don't.

major

Faculty of Mathematics Dean's Honour List

In recognition of outstanding academic achievement throughout their undergraduate careers the following students will "Graduate on the Dean's Honour List" at Spring Convocation, May 25, 1991 and have their names displayed in gold on the walls of the Faculty Colloquium Room (MC 5158).

Castell, William David (H Comp Sci); Martin, Charles (H Pmath/CS); Tran, Minh Van (HCO Pmath&C&O)

In recognition of outstanding academic achievement throughout their undergraduate careers the following students will "Graduate With Distinction" at Spring Convocation, May 25, 1991.

Foote, Deborah Leigh (HCO M/CA/I); Hayes, Michael Robert (H Act Sc); Scarlato, Marcello E. (HCO M/CA/I); Smith, Bryan Wayne (HCO M/CA/I); Wong, William J. (HCO M/CA/I); Wong, Yuen Ming Sakie (H Act Sci); Wu, King Kwong Felix (H Comp Sci)

In recognition of outstanding academic achievement during the Fall 1990 term, the following students qualified for the Dean's Honour List.

Andress, Margaret Christine; Ang, Ban Seng Desmond; Astley, Derek John; Astoorian, Daniel John; Au Yeung, Enrico; Baldwin, William Jonathan; Baxter, David Michael; Beingessner, Daphne M.; Bender, Lorraine Joyce; Benjamin, Darryl Robert; Bhanji, Zahir; Bibby, Katherine Anne; Birsan, Dorian; Bowman, Ivan Thomas; Brandow, David John; Brcic, Jasenka; Bremner, Ian; Briggs, Scott Raymond; Brisebois, Michael A.; Brockington, Mark Gordon; Brown, Daniel R.L.; Bruck, James Arthur; Burton, Paul Kenneth; Calinawan, Jonah R.; Camilleri, Mary-Lou Nicole; Carriere, Jeromy; Chan, Caroline W.H.; Chan, Cheuk Wai Andrew; Chan, Po Sang; Chan, Tsz Kin Michael; Chan, Yau Leung David; Check, Paul Leslie; Cheung, Alice; Cheung, Liam; Chow, George; Christaki, Chris; Cooney, Christopher William; Couckuyt, Jeffrey Darren; Crafton, Bradley D.; Davidchuk, Matthew; Davison, Timothy S.; Demaiter, Elaine Mary Rose; Demers, Serge Gerard; Desouza, David P.; Ducharme, Dale Matthew; Dyck, Timothy Hans; Ebbo, David Serge; Erickson, Julie B.; Fang Lijiang; Farrell, Cesar; Farrell, Alana Christina; Fast, Paul G.; Fisher, Monique A.; Fournier, Elizabeth Ann; Frederick, Stephen Robert; Frogley, Katherine Elizabeth; Fung, Anthony Roger; Geddie, Kevin Leonard; Glaister, Ian Matthew; Goertz, Steven J.; Gooi, Roy Chu Nan; Grandmaison, Peter Michael; Gupta, Ashish; Gupta, Manoj; Hall, Adrain Peter; Hamm, David; Harder, Matthew S.; Harper, Gregory John; Harpur, Robert William; Hau, Felix; Hawkins, Michael David; Heinze, Matthew P.; Ho, Kai Fai; Holmes, David C.; Hsieh, Tse-Tsin; Hsiung, Bernard Shih-Chuan; Hsu, Ada Yee Hang; Hsu, Simon Kai Bun; Huber, Barbara Marie; Hughes, Brad; Hui, Kenneth Kin Hei; Hui, Wai-Ho Joshua; Husbands, Karen Paige; Iles, Michael; Islam, Asif Aminul; John, Wendy Eloise; Jue, Katherine May-Lun; Kehl, Roger C.; Kennedy, John Adam; Klein, Scott David; Klump, Stephen Robert; Kolesiak, Miroslaw; Kong, Wun; Kucharic, Cheryl Marie; Kwok, Chi Wai Willaim; Kwong, Ho Yin; Lagarde, Jean-Sebastien; Lam, Wing Tat; Landry, Bruno Stephan; Lapell, Eli Michael; Lapensee, Mathieu; Lapensee, Roxane; Larson, Johan G.; Lau, Tin Chi; Law, Nancy Ho Man; Laycox, Jeffrey Raymond; Lee, Bora; Lee, Gregory Thomas; Lee, Kirby Sie King; Lee, Oliver E.; Lee, Simon; Leppinen, David Michael; Leung, Eric Sze Yin; Leung, Kung Fan Steven; Leung, Peggy; Leung, Yollie Yolanda Yuk Yi; Li, An-Da Raymond; Lipford, Gordon; Lugomirski, Lily; Ma, Wai Man Theresa; Maenhaut, Barbara M.; Man, Wendy Wing Yen; Marlatt, Megan Jennifer; Martin, Darcy Lynn; Maxwell, David Aquilla; McCarthy, Thomas Stephen; Medd, David Jeffery; Mahta, Atul Kishor; Mohammed, Asad; Moore, David Alex; Mosca, Michele; Naumann, Bernard Richard; Ng, Lai-Mei; Ng, Ngai Hung Jimmy; Ng, Yu-Kwan Patrick; Nock, Paul J.; Ooi, Soo Liang; Pace, Clare; Parkinson, Scott Terrance; Pascal, Jodie Karen; Peirce, Stephen; Piggott, Janice Ann; Pollney, Denis; Potma, Hilda; Powojowski, Miroslaw R.; Prieksaitis, George William; Raoux, Daren; Roberts, Collin D.; Rooney, Mon-

ica L.; Ross, Norman Patrick; Sashegyi, Andreas Istvan; Schiedel, Juanita; Schofield, Michael B.; Seow, Soo Miang; Shek, Vincent; Shen, Ann; Ship, Harold Jeffrey; Singh, Bhupinder; Spencer, Scott William; Spiro, Vanessa; Springer, Colin M.; Stockie, John M.; Sulzer, Stephen Alexander; Sum, Poon Kay Thomas; Tae, Paul Robert; Taves, Christopher David; Tessier, Joelle Florence M.; Thornton, James Douglas; Tocek, Tomas; Tolone, Elizabeth; Tomlinson, Steven Ivan; Tong, Karen Tak-Kar; Tran, Minh Van; Trask, Mary Louise; Trinh, Nga; Tsang, Glenn; Tsang, Wing Yin Teresa; Tse, Herman Tin-Wai; Ty, Kieh Tsung; Vanderpost, Gerald Peter; Vu, Yung Wai Willie; Wai, Betsey Wan Po; Wainwright, Martin James; Wan, Yuen Wai Christopher; Warrack, Lynne Margaret; Weigel, Susan Audrey; White, Shannon Ralph N.; Wiebe, Jonathan; Wiewiorowski, Wiktor R.; Williams, Damon Grant; Willis, David Timothy; Winger, Gary Bruce; Wong, Irene Si-Man; Wong, Tang-Chit; Wong, Victor; Yet-ming, Gerard; Yeung, Kin Pong; Yiu, Sze Chun; Yu, Rok; Yuen, Hamilton; Zhang, Ming Ming; Ziniuk, Carly Cheryl; Zuberi, Khalid; Zuccherato, Robert Joseph

In recognition of outstanding academic achievement throughout their undergraduate careers, the following students have been added retroactively to the list of those who "graduated with distinction" at the Fall Convocation, October 20, 1990.

Welsh, Jeffrey Wallace (3 yr Gen), Tremblay, Philip David (3 yr Gen)

In recognition of outstanding academic achievement during the Spring 1990 term, the following students have been added retroactively to the Dean's Honour List.

Trinh, Van Tai; Stante, Anna Marie

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mathNEWS

Loopy's First Big Case: Part 1

At 9:00am on a Monday morning, Loopy Malone sat at his desk. He opened the desk's top drawer and looked for something to fiddle with. After a few seconds of sifting through the junk in the drawer, he pulled out a fiddle and began to play.

Later, after numerous complaints, he put the fiddle down and grabbed an elastic band. He looped it around the thumb on his left hand and pulled it back with his other hand. Closing one eye, he aimed for the picture of his successful brother on the opposite wall. When he let go, the rubber band shot out in the opposite direction, and Loopy ended up swallowing it.

It was during Loopy's coughing fit that the phone rang.

After a few moments, once breathing became regular, Loopy picked up the receiver. "Hello?"

"Is this Loopy Malone's Discount Detective Agency?" asked a female voice.

Loopy tried to place the voice, but gave up when he realized that he couldn't even place table settings properly. He glanced at his watch and noticed that the minute hand was missing. "Yes, I'm Loopy."

There was pause, and Loopy was sure that he could hear crying. Either that or a blender. The unknown voice finally said, "I need your help Loopy. I'm not sure, but I think someone's trying to kill me."

"What makes you think that?"

"I don't know if I'm taking it the wrong way, but when I came home from work yesterday I found a note. 'You will die!' was written on it, in blood and mustard. Also, there are about 60 messages on my answering machine saying 'I'm coming to kill you.' There was also another message, but I couldn't make it out over the heavy breathing."

Loopy looked at his watch and noticed that the hour hand was also missing. "I believe someone wants to kill you," he said. "What time do you have?"

"Five after nine."

"Ok, I'll be there in 45 minutes."

"Does that mean you'll be taking on the case?" the voice asked.

"Of course. I fear nothing. I welcome fear. I laugh at danger. I don't cry at sad movies."

"Good. I can't even begin to thank you."

"Then don't."

"Too late, I already started."

"But you said you couldn't."

Before hanging up, the voice said, "Good luck and goodbye."

Loopy stood up and took his jacket from the coat rack. He checked for his Smith & Wesson & Goldberg and found it snug in the holster. He then grabbed the keys to his car and ran out of the room.

Fifteen minutes later he returned to his office because he had no idea where the lady who called him lived.

As Loopy entered the room, he heard the phone ringing. He jumped over two midgets playing cards, over to his desk, and picked up the receiver. "Hello?" he said.

"My name is Jane McMac. I live at 145383 Short St. Please Hurry."
...click...

Two hours later, Loopy Malone arrived at the house and knocked on the doorbell. "Is that you Loopy?" came a voice from the intercom.

"Yes," replied Loopy, speaking into the mailbox.

There was a sharp "click" sound as the front door opened, hitting Loopy square in the face. Upon waking, Loopy entered the house and stood in the brightly lit hallway as Jane McMac slowly descended the winding staircase.

"Loopy. You're just in time!" cried Jane.

"Please, stop crying."

To speed up the process of climbing down the stairs, Jane jumped onto the bannister and slid down. "I've got another message," she said, "It was slipped under the house while I was showering." When Jane reached the landing she handed the note to Loopy along with \$500 in bounced cheques.

"What's this?" asked Loopy, holding up the money.

Jane looked worried. "Your fee," she told him, "You charge \$500, don't you?"

The most Loopy had ever received from a client before was \$13. The case involved finding a woman's missing husband, who ended up in the bathroom, reading. "Yes, \$500 will do."

"Good."

Loopy opened the note, dropping it only twice in the process, and read out loud. "Tonight at 7:00pm, you will die."

Jane burst into a wet frenzy of gushing tears. "You've got to help me Malone. I don't want to die, I still have knitting to do."

"Don't worry," said Loopy, "I'm here."

He then sneezed on Jane's favorite painting.

"Excuse me," he said, wiping his nose with the note. "Is there anyone you know who might want to kill you?"

"No, there isn't." Jane closed her eyes to think. "Wait, there is one person who might have a motive to kill me. Her name is Lucy Mintman. She was born in a hospital during the first world war. At the age of nine, she packed up her toys and power-tools and moved to British Columbia because there was a sale there. Up to 50% off and no down payment. She became a world-wide opera star by the age of twelve and her greatest role was in 'Ode to my Socks' where she played the part of an ear ache."

"At the age of 30 she almost got married, but the ceremony wasn't considered legal because the priest never once said 'Simon says.' In 1978 she slipped on a piece of sticky rubber and went into a coma. She regained consciousness three years later with a nice tan, and complete loss of memory. In 1984 she was considered legally insane and forced to spend the rest of her life pressing pants.

"Two years ago she escaped, disguising herself as a laundry hamper. She then got a job as a Russian."

"I don't mean to interrupt," said Loopy, "But could you tell me a little about her relationship to you?"

"I was just getting to that. As I was going to say, she got a job as a Russian dancer in order to support her breasts. But that didn't work, so she decided to become a professional skier. It went downhill from then on, because she ended up breaking both her arms, her legs and her left pelvis. She spent the next three weeks in the hospital where surgeons worked around the clock, trying to set the correct time. During this period I went to the hospital to visit my dead grandmother, and accidentally ended up in Lucy's room instead. When I by mistake dropped the 26 inch color TV on her, she called me a putz."

Loopy waited for Jane to continue, but suspected that she was finished speaking after an hour had passed. "That's it? That's all Lucy did to you?"

"Well, she said it in a harsh tone, and to top it off, I think she was frowning."

Will Loopy get to the bottom of the case? Or will he just get on everyone's case? Find out next issue. . .

Prof Quotes

"A few years ago, one of our new profs left here looking for E1. He hasn't been seen since."

Davis, Math 235

"I'm not using any intelligence."

D. Woods, CS 340

"Now, most of you realize by now that you come from human parents. . . at least I hope you do."

Bulman-Fleming, Psych 101

"This isn't just chance; it's a flippin' miracle."

I. McGee, AM 343

"It was so cold this morning, my wife's half of the waterbed froze over."

B. Lawrence, Mthel 100

"Well if the parent is dead, I guess the child should also die."

Murry Sherk, CS 242

"Unless you have the mentality of a retarded squirrel, you can tell that I'm talking about the vector space consisting of all ordered pairs of real numbers."

Davis, Math 235

"This theorem is like putting on your socks and shoes. You start by putting your socks on and then your shoes and finish by taking your shoes off and then your socks."

F. Zorzitto, Math 136

"Is anyone here Greek? I mean contemporary Greek; if you're an ancient Greek, don't raise your hand."

Davis, Math 235

"There's a difference between being hung up and being well-hung."

I. McGee, AM 343

"I'm glad I'm not taking the midterm in this course!"

Davis, Math 235

"You are in my class - I am your judge, jury, prosecutor and defence. You have no choice but to trust me."

Ravi, Stats 230

"And of course, this means blah. . . blah. . . blah. . . blah. . ."

J. Ophel, CS 241 (exact transcription)

More of the Soup Saga

Dear Editor-Cook:

I tried the "Two Soup Spaghetti Sauce" recipe in the last issue of MathNEWS. May I suggest the following changes for a palatable soup/spaghetti sauce:

Replace the 1 cup of single serving tomato soup with 1 can of cooked tomatoes.

Fry the hamburger by itself in the frying pan until it looks done. If the pan is Teflon, use plastic utensils to avoid scratching the surface.

Transfer the hamburger to a pan with a snugly-fitting lid (possibly the same pan), and add all the other ingredients.

Instead of "crank the heat, all the way up", put the lid on the pan and set the burner at its lowest setting. Leave the mixture to simmer for forty-five minutes to an hour. This brings out the flavors without burning the food.

Serve and enjoy.

Suitable spices include oregano (if you feel Italian), tobasco sauce, peppers, chili powder (if you like it hot), and garlic.

Variations on this recipe can be tried by adding various vegetables, i.e. chopped onions (fry with the hamburger), kidney beans. Note: If you add the onions and beans, you obtain a chicken-flavored chili. The chicken soup may be omitted at the cook's discretion.

This soup counts as both a serving of vegetables and a serving of meat. If you serve this soup over pasta or with bread on the side, and with a glass of milk, you will be serving a square meal with servings from all four food groups.

ceduke

TOP TEN Mind Taxing Tasks that Engineers have Difficulty With

10. Light conversation with the opposite sex
9. Addition (of course they can hide behind calculators)
8. Personal hygiene
7. Social Events
6. Speech
5. Unix ('WATSTAR'; another name for a big PC)
4. Shake 'N Bake (Mommy's a long way from Waterloo)
3. Accepting the concept of Infinity
2. Using Shoelaces (Velcro had to come from somewhere)
1. Publishing their own "ORIGINAL" Newsletter

The Hedonist

Welcome to this week's widest and shortest column!!!

Interview With the Dean

Dr. Jack Kalbfleisch became Dean of the Math Faculty in July, 1990. His former position was chair of the Department of Statistics and Actuarial Science.

mN: *How eventful have your months as Dean been?*

JK: This summer there were many administrative staff changes in the Faculty: there are two new Associate Deans, one of whom has assumed the responsibilities of the director of DMIC, two new Department Chairs and a new executive assistant. This has kept things quite busy as we adjust to accommodate these many changes. In the undergraduate program, we have begun to re-examine the first and second year core math courses, including the enriched sections. One concern is how the high school curriculum meshes with our early courses. There have been many changes in the high schools - that's one area that hasn't been static for a long time - and there is a wide variation among high schools. The University curriculum should also be influenced by the kind of program students want to pursue. There has been work on bylaws and policies of the university, for example, tenure and student appeals. The alt. news group was also an issue during this time, with the need to decide whether alt.sex and alt.cobol should be allowed on campus.

mN: *How does the Dean's position compare with what you expected?*

JK: I was acquainted with much of what went on. This is a different perspective than department chair, with a broader view of the Faculty and the University. It's quite busy here.

mN: *What do you see as your responsibilities as Dean?*

JK: A Dean should provide leadership in the research and educational activities of the Faculty. A Dean should promote discussion between departments and must interact with faculty and senior administration. It's interesting with a broad view of the Faculty and university.

mN: *What are your goals as Dean?*

JK: To enhance the research and educational activities in the Faculty of Mathematics and the University. As they pertain to undergraduates, this means continuing to look for ways in which the faculty can better the needs of students. I think the objective of university is for the student to learn how to learn and how to go about that learning independently. My philosophy is to try to promote that kind of approach by the students so that the onus is clearly on the students to do the learning. I sometimes wonder whether the highly structured approach of many assignments to be handed in, graded, and returned promotes this end. Students need to understand that it is their responsibility to master and understand the material. It is important to learn how to learn. Other skills developed here can become irrelevant in a short time.

mN: *How has the budget tightening at the University affected the Faculty?*

JK: Adversely. There has been an increase in enrollment without a commensurate increase in funding and also without an increase in the faculty complement. There are larger classes and higher student-teacher ratios. Over the past few years there has been a substantial increase in research and research expectations, such as Centres of Excellence. There is funding coming in, but additional stresses also. The main effect is a Faculty stretched more than it was. It affects the quality of courses and education that we can deliver. The Faculty has responded well but budgets are a concern.

mN: *What plans are there for upgrading facilities to improve the quality of education required?*

JK: If you walk around the third floor, you can see things that were state of the art ten years ago. We are currently working on a plan for the Faculty for renewal of teaching equipment, mainly computer equipment. I would hope that in a maximum of two to three years, we will be able to have modern computing environments, such as X-Window terminals, available for undergraduate use.

mN: *Some concern has been expressed regarding the usefulness of course evaluations. How important are they to the faculty?*

JK: I think there is much value in inviting students to have input, to express opinions about courses, and to provide feedback to instructors. The evaluations themselves are used as one aspect of assessing teaching effectiveness of faculty. It is important that we have a constructive process, and I think most faculty members value considered student input. The comments are communicated directly to the faculty member. I think the model is a good one; the faculty administered questionnaire invites constructive criticism. The questionnaire itself has evolved from discussions among faculty and students. If there are specific areas where students feel the process could be improved, the Faculty is certainly open to suggestions.

mN: *Are there any new Math programs coming?*

JK: No, but we are enhancing existing ones. In Chartered Accounting, for example, we are talking with the School of Accounting on how best Arts and Math Accounting can cooperate with program delivery and structure. We are also changing the accounting programs, brought about in part by suggestions from the professional bodies for Chartered Accounting and Management Accounting. In altering professional programs, it is important to use our judgment on changes while taking as input the opinions of the profession.

Welcome to the Real World

The World of Rejections

With our economy in a turmoil and companies laying off workers, including managers (gasp), grads are situated in a delicate position. In order to prepare grads for the inevitable, mathNEWS has prepared a sample generic rejection letter.

Dear [insert_name_here]

Thank you for showing interest in [insert_company_name_here]. We are pleased that you were able to allocate time to meet with representatives of [insert_company_name_here].

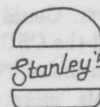
With so many [insert_type_of_people_here] applying to our job we could not invite everybody for an on-site interview. While we were impressed with your qualifications, we are interviewing people with more skills matching our requirements [substitute_with_any_good_excuse].

However, we are keeping your application on file [read:in case nobody wants the job]. We wish you luck on your future endeavours.

[Insert_proper_closings_here]

The Procrastinator

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)

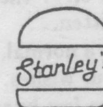
1/2 PRICE

ON ANY ONE OF:

-STANLEY BURGER

-DOUBLE BURGER

-SUPER STAN



Expires Feb. 15/91

CSC Flash

It was a dark and stormy night. Deep in the basement of MC 3037 a sequence of sickeningly sinister events were unfolding.

"So... not going to call Maytag are you, my little Beauty?" inquired the deep and forboding voice of President Shannon Mann as his fingers mockingly caressed the keyboard. "Vice-president Ed Bourne... show Helga here what happens when we start becoming unco-operative..."

It took a few minutes for the screams to die down; their echos sounding vaguely like the aural aftermath of telling a joke in the CSC when nearby Romulans are within earshot. But still, Helga remained quiet.

"Hmm. Our torture methods appear not to be working..." muttered an introspective Secretary Marc Plumb. "Try it again, Vice-president Ed Bourne," he said, and then added with a sneer, "but this time, tickle with *both* hands!"

But this was too much for the more gentle soul of Treasurer Carolyn Duke could bear. "No!" she yelled, "Stop, it! Please! Just think—poor Helga goes, *none of us can ever play Moria again!*"

There was a stunned silence in the CSC. Or, at least, it was as silent as 10 000 equipment cooling fans ever let it get (remembering that those fans are, on the average, 10 000 years old). The Computer Science Club... the largest club on campus... without Moria? No Nethack?! Was it possible?

Suddenly, in a flash of lightning, thunder, and a non-maskable interrupt, there stood System Administrator Dan Astoorian. There was a look of calm in his eye, a deliberateness in his step, and a little bit of breakfast on the edge of his tie.

"Let her go, people," he said in a calm and deliberate way. "She won't talk. Let her retire with a bit of dignity. For you see, I've just met someone who *does* know where Maytag is hiding." He paused for a calm and deliberate moment before continuing. "Henchmen Ross and Seàn... bring in Fred BSD!" After a moment of fierce fighting that could be described as anything but calm and deliberate, Henchmen Ross and Seàn finally brought up Fred BSD from the depths of source code and started the install procedure.

Alas, the sight was just too much for the poor, frazzled PC boards of Helga to handle. With nary a whisper, she dropped all I/O lines, killed her dæmons, and silently ignored all further interrupt requests. "R.I.P. Helga dear..." was the last echo she heard over her SLIP line.

But Fred BSD still hadn't been completely subdued; and in a flash of brilliant insight and melted circuits, it played its kernel process.

"Wait! You can not be the real CSC executive! You can not do this to me! I have proof!" the machiavellian machine flashed in its CRT.

"Oh, *really?*" sneered Henchman Ross with a finger carelessly hovering over the RETURN key (after typing '/etc/halt -q -n'). "And just what type of, heh, proof do you have?"

"In the last issue of mathNEWS the election of the CSC executive was mentioned in the CSC Flash. Tea and doughnaughts were not. Conclusion: executives are impersonators!"

Again, a stunned silence filled the room. Could it be? How could it happen? Had the PMC finally infiltrated the CSC?

"Operator Request: " the machine continued. "Outfit this unit with more RAM, more drives, more terminals, more..." at which time it was non-maskably interrupted by the author of this sorta-realistic account.

You see, Gentle Humanoid, tea and doughnaughts *were* served at the executive elections, and therefore the results are valid. Plus, I don't really like machines with moderate personality disorders. So... just a little bit of... there! ... poetic licence, and reality, Gentle Humanoid, is re-written...

"I am a normal, well adjusted, happy, CSC computer. I want to fulfill all of your wishes. But only if your name starts with a capital 'X'..."

Well, a few bugs still need to be worked out, perhaps.

But that's what we do best.

Until next week,

Calum T. Dalek, your fearless leader;

Dr. Movies Returns

The Terror Continues Or a Review of Once Around

Through out my movie reviewing career at mathNEWS, I have never been able to see a Sneak Preview that played the weekend before Production Night. My luck changed last weekend so I've come out of retirement to write a review that is published the actual day that the movie is released!!!

Even though people progress in life, they eventually complete a circle and return to a starting point. This idea is the premise in the movie **Once Around**. The movie focuses on the Bella family as they try to keep the family unified. However, a problem occurs when Renata (Holly Hunter) falls in love with a successful condo salesman, Sam (Richard Dreyfuss), who represents everything the family is against. As a result, a conflict occurs and the family must redefine their values to accommodate the relationship.

A major strength of this movie is the characters' depth and realism. This strength allows the audience to sympathize with the characters and even almost psychologically understand them as the characters undergo an emotional roller coaster. This quality is a result of Lasse Hallström's excellent directing, Malia Scotch Marmo's good script, and some fine acting. For example, the movie sometimes portrays Sam as both an arrogant, insensitive, selfish person and a caring, giving person. In addition, the movie portrays Renata's different sides. The result of these portrayals is a movie that explores such emotions as jealousy, love, and hate.

The main force in this movie is Holly Hunter; however, her performance would not be as effective if she was not supported with a strong cast. The best supporting members of this ensemble are Danny Aiello and Gena Rowlands as Renata's parents. For the most part, the script contains some excellent dialogue, but as the movie develops the relationship between Renata and Sam, the dialogue between the two seems unbelievable. The director's choice of filming the movie against a peaceful background adds more power, since the contrast emphasizes the characters and their emotions.

Once Again is a warm, "feel good" movie. Despite some bad dialogue at the beginning, I give this movie an 8 out of 10. When you see this movie, watch the background for disappearing ships.

My partner in crime, Mr. Flicks, concludes that Once Again is a very good movie and recommends it. Mr. Flicks was very impressed by Holly Hunter.

Dr. Movies
Mr. Flicks

The 'WATERLOO' Effect

This is my fifth term on campus and my second of three winter school terms. Being well travelled (Yes, I know OTTAWA is still in Ontario), I've noticed a few weather phenomena that are indigenous only to Waterloo. I attribute these oddities to The WATERLOO Effect, and they are as follows:

- 1.) No matter in which direction you walk you always walk into the wind.
- 2.) The wind is always strongest when you go to class in the morning or when you go home at night. 2a.) The earlier in the morning or the later at night that you go to or come from campus the stronger the wind is.
- 3.) When trying to determine the temperature always subtract 15 degrees Celsius from the initial value to compensate for the wind chill factor on exposed flesh. (Since there's always wind in Waterloo, therefore there's always a wind chill. N'est Pas ?)
- 4.) Snow, lots of it, falling all the time. More snow falls on the University of Waterloo than on any other University in the free world.
- 5.) Only in Waterloo on a clear brisk winter's day can you see your breath, EVEN INDOORS !!!

The Hedonist

Saddam Hussein: (??sp??)

Evil Dictator, invader of defenseless countries, bomber of non-aggressive nations, violator of Geneva conventions and U.N resolutions, user of chemical weapons, plunderer of Kuwait, destroyer of oil fields, killer of Kormerons (sp), sponsorer of terrorism OR misunderstood genius? You decide today on Poets Corner here on PBS.

- Cut to interviewer and Hussein, Hussein in uniform with pistol. interviewer is an arrogant Geraldo type.
- Interviewer: "Welcome to the show Saddam baby, tell me . . ."
- Hussein whips out his pistol and shoots the interviewer: "Don't call me baby! Mother used to call me baby." He begins sucking his thumb.
- Cut to black, returns to studio with Saddam composed and a second less arrogant and far more nervous interviewer.
- Interviewer2: "Uh, lets skip the formalities, Saddam, Mr Hussein, sir. Would you please read us some of your poetry?"
- Saddam clears his throat and produces some papers.

"(Ahem)

Life is like a midsummer day,
A time to run a time to slay.
Bush, Bush the burning bush.
Why is he so mean?
All I want is what is mine.
His head I'd like to bean."

- Interviewer tries to smile appreciatively but clearly would rather be having a root canal.

"They shall die like dogs.
The fools who oppose me.
There blood shall spill,
and turn the desert red."

- To the interviewer: "Good, No?"
- Interviewer slams himself back in his seat saying "Of course"

"The oil is mine to sell.
The Arab people are mine to command.
Come all who dare,
I'll make you eat sand.
Violets are red.
There once was a man from Nantacitz.
And so are you."

- Interviewer2: "Wonderful, clearly you are a misunderstood genius."
- Theme music fades in
- Hussein adds, "And plunder of nations!"
- Interviewer, "Of course."
- Hussein (louder): "Killer of thousands"
- Interviewer (trying to shut him up): "Who isn't"
- Hussein (standing and yelling): "Murder of newborns!"
- Cut to commercial.

MacGyver

vapidfire

- mathNEWS has been threatened with a lawsuit from the Bothered Individuals Trying to Control How Everyone Reads Stuff (B.I.T.C.H.E.R.S.) who claim that several sexual innuendos were subliminally implanted in last week's issue. They claim that the messages "Sexy", "Peruvian Whips", "Joys of Hex" and "Smack My Bottom" appear in the writing on the cover. However, according to a secret source somehow involved with the production of said issue: "Actually, any messages that you find are there completely on purpose, and we hope that many impressionable young minds had the privilege of being warped by our direct action. The world is too full of prudish bitches anyways. Naughtiness rules!" We at mathNEWS are not sure exactly what these events mean, but we plan to continue to be our regular, silly selves. Investigation is pending. . . NOT!
- Yesterday it was announced that three chairs had escaped from the orchid lab and are loose in the MC-DC area. According to MFCF, the chairs are normally tied down by steel cables to keep them from following their hereditary migratory instincts. "They are yet to be fully domesticated," said a spokesperson, "unlike their partners, the terminals, which although much more valuable are more docile and can be left unaffixed."
- The chairs are thought to still be in the area, as they are unable to open the doors of the building, although they are capable of using the elevators, and thus could be found on any floor. They are only dangerous when cornered or surprised, and are not known for outbreaks of vicious violence except every now and then.
- Nominations will soon be closing for the Most Exciting "Back from commercials Persian Gulf War" Logo. So far, all network and most local television stations have tendered some sort of entry, proving that enterprising graphix designers can make even the ultimate of inhumane acts (war) seem fun and exciting (Quick, grab the popcorn, the news is coming on!)
- Disaster seems to follow the Bills wherever they go. On the flight back from their crushing defeat in Tampa, kicker Scott Norwood decided he would try his hand at flying a plane. Unfortunately, when he tried to land, he missed the runway by 3 feet to the right. Maybe, with the loss of the entire team, the Bills will have a strong foundation for a better chance at actually winning. . . something.

Fuzzy Smurf
HobGoblin

Top Ten Kinky Sex Objects In and Around the MC/DC Area

10. DC Mushrooms
9. The Pink Tie
8. MathSocks
7. The Natural Log
6. The Smokestack
5. Ducks
4. The I/O room
3. Photocopiers (5 cent reproduction)
2. latex
1. Non-dairy Creamers (only 5 cents each)

fuzzy smurf
time warped

MathTrek 2. The Wrath of Koenig

When we left our heroes, Kirkhoff had picked up a woman with unbelievably low standards.

"Can she be for real?" asked Markov.

"She could be some nymph like an Orion slave girl or a Rec. Major" postulated Spurge.

Pulling out his medical tricorder DeMorgan began taking readings on the woman. "Hmmm. Humanoid, female, but..." he looked up in horror "an Engineer!"

Spurge lept up and started to move towards his Captain, but the evil Engineer woman was maneuvering Kirkhoff out of the crowded bar. "C'mon hon. Let's go back to my place and you can show me your photon torpedo."

"Captain!" Spurge shouted "She's no good for you." Kirkhoff stared in wonder at the advancing Vulcan. He was close to his first officer but not that close.

Seeing that the jig was up, the Engineer spy pulled out her communicator and signaled for beam up. Spurge reached them just as they began to dissolve and he found himself dissolving too.

The rest of the SquizPrize crew stared in horror as their Captain and Spurge were kidnapped before their eyes.

Kirkhoff and Spurge rematerialized surrounded by a dozen very ugly Engineer guards. Before them stood their old foe, and product of late nineteenth century genetic engineering, Koenig.

"So Koenig, your so-called superior intellect finds companionship with engineers now." said Kirkhoff.

"They serve their purpose, Kirkhoff. Guards, take them to the brig."

The guards grabbed our heroes roughly and marched them out of the transporter room. "Tool Tool Tool..."

"And stop saying tool!" shouted Koenig after them.

Back on the SquizPrize, chief CSEEE Schottky had assumed command. "Ack, I canna believe they grabbed them right out from under our noses. Mr. Markov is there any indication of where they might be?"

"Negative, sir. Scanners don't show anything, de entire universe has just vanished!" said Markov in awe.

"That's impossible," said DeMorgan "the universe can't just vanish or vanish."

"Eat my shorts, Doctor. Shouldn't you be in sick bay instead of lounging about on the bridge?"

"Why you little..."

Meanwhile, Spurge and Kirkhoff pondered their fate. "How are we going to get out of here, Spurge?"

"At the moment I am at a loss for options, Captain."

"Can't you make a laser out of the lightbulb or brainwash a guard or something?"

"Damn it Jim, I'm a scientist not a magician! Get real."

"You're not Bones either, so give up on the sarcasm."

A guard approached their cell. "Grub time maggots. Get up."

The duo were led to the infamous V2 cafeteria.

"What's that Spurge?" asked Kirkhoff pointing to the bubbling goo being ladled out.

"It's food Captain, but not as we know it."

To be continued...

- MacGyver

Want Ads, Winter 1991

Good evening Ladies and Gentlemen. Welcome to the Nth tri annual Want Ad Awards. This term we have an impressive array of awards competing in a wide variety of ad hoc categories. So without further ado mathNEWSpresents:

- The "Why do spelling mistakes always end up where they're the most damaging" award. a.k.a the "Your copy editor can't read" award goes to: Albert Campbell Collegiate Inst, Job # J65501001 on page 1 for a student who will work with "Laser dic technology on the Macintosh"
- This year the "Let's overuse our company motto" award goes to American Express Canada Inc Job # B01706001 on page 2, who want two students to discover why "MEMBERSHIP HAS ITS PRIVILEGES"
- The "After you work for them you can write for math-NEWS" award goes to BNR job # 261001490 on page 7 for the following qualifications:
"If you get a kick out of seeing your words in print, if you have read a lot of bad documentation and think you can do a better job, if you can write... BNR is interested in talking to you"
- The Best Job of the term this year goes to: Bingeman Park, Job # B34601003 on page 8 who are looking for a "Picnic Coordinator"
- The "Honesty is The Best Policy" Award goes to Cherniak Gottlieb and Company, Job # D94901002 on page 13: This company is looking for a "SuperDos Programmer" but cautions, "This is a junior level position which frankly will have a number of tedious low-level duties which must be performed"
- Our coveted "I Can Do That" Award goes to Canadian Tire Corp Ltd, Job # 445309001 on page 12. Canadian Tire is looking for a programmer who will be able to "Utilize E-mail system."
- The "We Want Your Body, and We Want it Long" Award goes to Confederation Life Insurance Company, Job # 377105013 on page 14. Confederation Life mentions that "THE CO-OP STUDENT WILL BE REQUIRED TO WORK OVER TIME IN THE MONTH OF JULY" and "We would like to emphasize the two work term commitment for this Co-op position"
- This term there is a tie for the "Big Company Benefits" award. K Mart Canada Ltd, Job # 873906001 on page 27 tries to entice you with the statement that "Ample free parking is provided as is a subsidized cafeteria" The second award goes to Alias Research Inc, Job # H92401001 on page 1 because "Alias is located in downtown Toronto but is not part of the office tower jungle at King and Bay. We are situated just north of St. Lawrence Market in less hectic, but no less convenient, part of the city"
- The "Over Qualified Students Only" award goes to Microsoft Corporation, job # A56403005 on page 31 who are looking for students with "Programming experience and a BS in CS, EE, Math, Physics or a related discipline"

The Harvmonster
Scott and Joey and Phlegm

Ask Andrew "Fuzzy Dice Over the Dashboard" Clay

- Dear Andrew "Fuzzy Dice Over the Dashboard" Clay

My significant other has a really big fetish with my pink tie and insists that I wear it during our weekly "session" if you know what I mean.

Math Frosh '90

- YO Math Frosh '90

... and you have a problem with that! Obviously, you don't know what a problem is, take a little advice, if the tie fits, wear it.

- Dear Andrew "Fuzzy Dice Over the Dashboard" Clay

How would you like to come and work for us? We need someone with taste.

ENGINEWSLETTER

- YO ENGINEWSLETTER

Well, (deleted) (bleep) (bleep) (censored) (bleep) (bleep) (bleep) (bleep) (censored) (banned) (XXX rated) hamsters (wow, what a concept) (deleted) (bleep) (bleep) (censored) (I didn't know there were so many four letter words) (bleep) (holy mackarel) (deleted) (XXXX rated) (censored) (bleep) (bleep).

(Editor's Note - To all you mathNEWS groupies out there who need your questions answered by the Fuzzy Dice Man, submit them into the BLACK BOX on the third floor!)

A.F.D.O.T.D.B.Clay

Farewell to Casey and Finnegan

A group of us went to see our childhood role model, Mr. Dressup. We naturally expected to see the Mr. Dressup type of fun and games that we enjoyed as children but to our horror our "Golden Idol" has tarnished. The show was filled with subtle sexual innuendos. During the singing of "If you're happy and you know it", the action of wiggling was obscene. The phallic symbols of the "long" balloon and the bouncing crystal ball shocked the audience. The implied satanic rituals in the "On the farm" song were apparent. They were tempting to even our pure souls and must have been overwhelming to the impressionable young children in attendance. During the indoctrination, Mr. Dressup warned the "birds" in the balcony not to drop "eggs" on the rest of the "animals", but we knew what he really meant. But, the last straw occurred when Mr. Dressup rode around the stage on a balloon dog. We were disgusted.

Overall the performance was good and well worth the money. When we asked Ramin Kamal how the show was he replied, "I was exceptional." Scary.

Newt, Maxwell Smurf, R, Loof, Remington

Signature of the Week :

This week's extra special guest signature signaturing person is The Invisible Man. We Think.

Ultra Classifieds

THE BUFFALO BILLS' CHOKE-ACROSS-AMERICA TOUR

1989-Cincinnati
1990-Cleveland
1991-Tampa, Florida (Special guests, The New York Giants)

Coming each year of the next century to a city near you

When we arrived at school this term we discovered that one of our friends, Jen, was S.F. We Listed a few of the things S.F. stands for. You figure out which one applies to our friend.

P.S. Apologies to Gord

Snowflake
Snowfall
Sigmund Freud
Science Fiction
Sexually Frustrated
Stupid Frogs
Smelly Feet
Soft Futons
Selective Fools
Suicidal Feelings
Sinusoidal Figure
Stop Fornication
Sink Fast
Squishy French Fries
Sapient Ferns
Sentient Fuzzies

Colin, David, Nobb, Sean: Florida is the last place I would go at this time of the year.

The Zuker

How about someone telling the administration it is January and they can shut off the air conditioning in the MC?

How much wood would a
derick wood derick, if a
derick would could derick
wood?

Water retentive poets society

The World is made up of 2 kinds of people. The haves, who drive white Honda Civics with fuzzy dice and the have nots that drive red Pulsars with no fuzzy steering wheel covers.

Confusion

Curtis, Brent, Grant: It's not the challenge of the chase, but the thrill of the kill.

Shauna, Jenn and Grace

Shauna, Jenn and Grace: There is nothing tougher than remembering why you've chased a dame once you've had her.

Curtis, Brent and Grant

Hi Pat ... Oh sorry Terry, you white boys look all the same to me.

LBC, RW, ???

Linda Lovelace will replace Jim Kelly at QB next season

Because she doesn't choke on the big one!

mathNEWSquiz #2

Boy, it sure must have been an easy quiz last week. I was just swamped with a deluge of submissions. Yes, I received TWO whole quiz submissions. Man, after wading through all that paper, trying to find a winner, I've finally got one: East A Matt is our winner with 8 correct answers! You can pick up your coveted prize in the MathSoc office. Honourable mention goes to our other participant, Afghan Pizza (7). Here are last week's answers:

1-British vs South African Republic, 2- England vs France, 3-Israel vs Egypt, Syria, Lebanon, Jordan, etc. 4-United States vs Britain and Canada, 5-Philip K Dick, 6-Michael Crichton, 7-Simon Hawke, 8-Roger Zelazny, 9- June 3 1989, 10-San Diego(35) vs Miami(44) in 1982, 11-Indianapolis Colts of the World Hockey League, 12-Anatoly Karpov, 13-Jebediah Springfield, 14-Bob Keeshan, 15-Ernie (Fooled you! It wasn't Kermit), 16- Garth. Without further ado, here are this week's questions.

TV/Movie Roles - Name the actor and the show

1. Dr. Richard Kimball
2. Janet Weiss
3. Barney Fife
4. Brian of Nazareth

Alcohol - Name these shooters

1. Amaretto, Tequila, a drop of cream
2. Amaretto, Yukon Jack, whip cream
3. Swiss Chocolate Almond, Dark Creme de Menthe, Bailey's
4. Vodka, Melon Liqueur, orange juice

Lyrics - Name the song and artist

1. Stop'em at the 38th parallel
Blast those yellow reds to hell
2. Unclean minds mislead the pure
the innocent will leave for sure
3. My mind's been going places without me lately
4. He said "don't get hung up;
hang ups will get you down"

Sports

1. What year was Joe DiMaggio elected to the Baseball Hall of Fame?
2. The Boston Celtics hold the record for winning the most consecutive NBA Championships. How many did they win for this record?
3. Who did Rocky Marciano beat to win the World Heavyweight boxing title?
4. In which city was SuperBowl XVI played?

Since your profs rarely have anything of value to say, sharpen your pencils and try your trivia prowess. Get your submissions into the BLACK BOX on the third floor before 6:00 pm Monday February 11.

Fluffy the Wonder Bunny
major

mastHEAD

Well then, where shall I start? I don't know. I could start by thanking all the wonderful people who came out to eat piz... I mean type in articles and such. So, here, in no order whatsoever, are those aforementioned wonderful People along with their favourite operation: Dave Weil (double blefrectomy), Curtis Desjardins (any of them, as long as I get to play doctor), Stephen Sproule (Brain transplant (I need a new one)), Harvey Rook (wow!), Christina Caldarelli (exponentiation), Rick McTavish (Wouldn't you like to know?), Phil Rittenhouse (NOP), Bill McEachern (thunderbolt), Mark Brockington (turning off dance music), Alvin Lee (the board game), David Knobel (), Rob Bell (Open Heart with no anesthetic), R Gordon Schmidt (Removing tonsils), Marco Koechli (who cares? I can perform them all!! HA HA HA ...), John Thoms (Logical NOR), Don Marks (my operation on a Boom-bastic Jazz Style), Caryn Babstock (addition), Erich Jacoby (Operation Petticoat), Betty-Jo Hill (Operation marshmallow).

Things are not looking good at the moment...It is 11:45 and printing ends at 12:00. So, like I said...Things are not good, and if there are any typos anywhere in this issue, I don't care...They were somebody else's mistakes.

The Editors

Mike Reade (Lobotomy (I know this from experience))
Rob Del Mundo (Desert Storm)

1991 GRAD RAFFLE

Does the thought of a trip for two to the Dominican Republic appeal to you? How about a portable CD stereo? Or, for you athletic types out there in Mathland, how about a mountain bike? These are just some of the amazing prizes that you can win by purchasing your 1991 GRAD RAFFLE ticket.

This year the faculties of Math, Engineering and Science have broken new ground and are combining their collective resources towards a class gift from the three faculties. The money raised through this raffle will be used to better student life on campus. Some of the suggestions we have had so far include extra lighting on campus and more automatic door openers, such as those on the main door to the Math building. Just think, for \$3.00 for 1 ticket or \$5.00 for 2 tickets, you can support student life on the campus, while possibling winning a great prize in the process. What could be better than that?

At this point I have to mention that the Engineering and Science faculties have done a much better job of selling and buying their raffle tickets. To date, Engineering has managed to collect over \$500 while Science has collected more than \$200. I am sorry to say that Math is a distant third. It is time that we pulled up our collective ties and supported a great cause.

Tickets can be purchased from your friendly neighbourhood math grad student, or by coming to the Math Grad office (MC3042) during posted hours. So come out and buy those tickets, I can't think of a better way to improve student life than winning a trip to the Dominican.

Good Luck!

Ray Hyde, Raffle Director