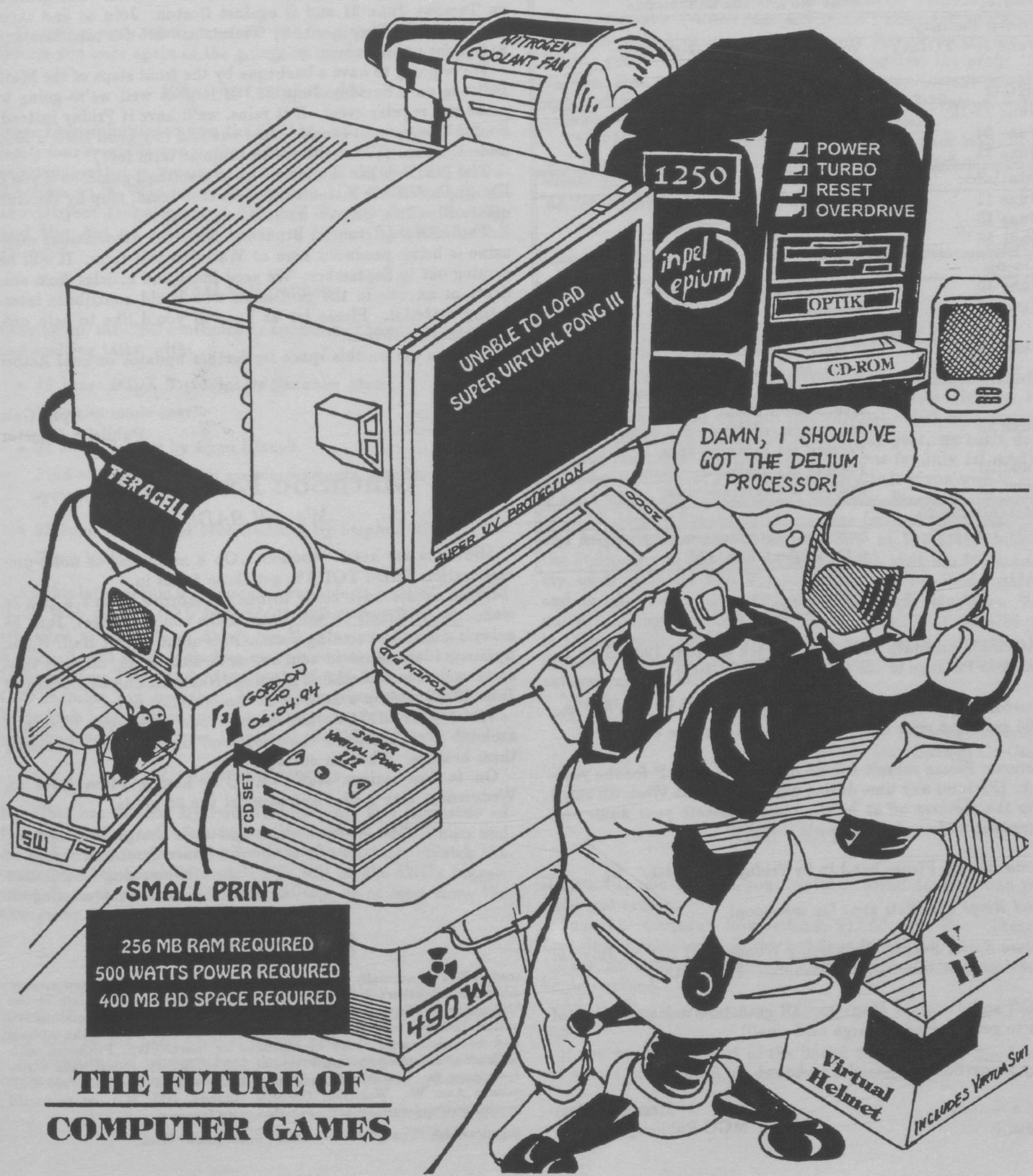


math NEWS

Volume 65, Issue 3

Friday, June 10, 1994



SMALL PRINT
256 MB RAM REQUIRED
500 WATTS POWER REQUIRED
400 MB HD SPACE REQUIRED

**THE FUTURE OF
COMPUTER GAMES**

lookAHEAD

mathNEWS	
June 20	Issue #4 production night 6:00pm, MathSoc (MC 3038)
June 24	Issue #4 smashes the stands
July 4	Issue #5 production night 6:30pm, MathSoc (MC 3038)
July 8	Issue #5 hits the bandstands
Math Faculty	
June 10—TODAY!	Winter Term Pre-Registration Due today, dammit!
MGC	
June 13-16	Yearbooks on sale outside C&D—\$30
June 24	Photo blurbs due
June 25	Car Wash
MathSoc	
June 11	Canada's Wonderland roadtrip—\$17.50
June 13	MathSoc meeting—4pm
June 26	Blue Jays roadtrip
Co-op	
June 10	End of employer interviews
June 17	Ranking Forms—Available 10am, Due Back 4pm
June 20	"Continuous Placement" Posting #1 Available 10am No Interviews, Not Ranked instruction meetings—4:30pm
June 22	Job match results posted 3pm Posting #1 expires—8pm
June 23	Posting #2 available—10am
June 24	Posting #2 expires—8pm
Miscellaneous	
July 7-9,14-16	Summer Recreation—a play written by a CS student—ooh, ah!

MGC Update

Attention all Math 1995 Grads! Pick up your 1995 Grad Information Package in the MGC office, MC 3029.

Yearbooks: On sale June 13-16th outside C+D, \$30.00. For \$2.00 extra get your name printed in gold on the cover.

Pictures: Please submit **LOTS** of pictures **ASAP** for the yearbook. (Pictures any time during university Frosh Week till now!) Drop the pictures off at MGC. Please indicate your name and permanent address for returning them!

Photo Blurbs: Please hand in by Friday, June 24th.

Grad Rings and Hats etc.: On sale soon!

Future Social Events: Organizing Wonderland trip on July 15: More details to follow. Car Wash, Sat. June 25th.

MGC and Yearbook Meetings: All grads are welcome! Lots of jobs to get involved in, large and small!

Any suggestions? Please let us know!

Megan Marlatt
MGC Publicity Director

ActSci Club

We promised an update, so here it is.

Now that we're all waiting for results, consider what you'll do with your old Actexes when you've passed. Use them for doorstops? Paperweights? No, give them to us! We always need relatively current Actexes. Donations are very welcome!

We're still selling tickets for our Blue Jays roadtrip. Come to the office (MC3030) for tickets or for more details. The game is on Tuesday June 21 and is against Boston. Join us and cheer on the Jays! (They need it!) Tickets are \$15 for members and \$16.50 for nonmembers.

We're going to have a barbeque by the front steps of the Math building on Thursday June 16. If it goes well we're going to make it a regular event. If it rains, we'll have it Friday instead. So don't bring your lunch - come out and buy good BBQ'd food and cold pop. (What else is the summer term for?)

The Biz Club has challenged us to a softball game, so if you'd like to play on our incredible ActSci club team, stop by the club office. Biz Club, prepare to go down in flames!

The ASNA (Actuarial Students' National Association) magazine is being produced here at Waterloo this term. It will be coming out in September. We need ideas and articles from students or anyone in the profession who could contribute interesting material. Please let us know if you'd like to help out. Everyone is welcome!

Keep an eye on this space for further updates on cool ActSci club stuff.

April Gale
Publicity Director

MathSoc Executive

We still BAD!

Midterms are here!! woohoo... On a more serious note, pre-registration ENDS TODAY, get those forms in.

Social events have come to life. Tomorrow there's a trip to wonderland (tickets on sale outside the comfy lounge), June 26 a Jay's game, and coming soon a Pub night at Fed Hall. If you have any ideas, want to help out or do something, dammit then come on out to a MathSoc meeting (Next meeting at 4:00pm on June 13th) or drop a note off at the MathSoc office.

Watch your LEGOs when Andrew our vice-scoob finance is around! He kidnapped the people off my raft and is holding them hostage. What an outrage!

On to less serious stuff... MGC is having Pizza Days on Wednesday. Buy a slice and support the 95 grads.

Ron Servant - Vice-Scroob in charge of everything
Andrew Goodin - Vice-Scroob in charge of
kidnapping LEGO men
Mike Arseneau - Scroob overseeing all

ISSN 0705-0410

mathNEWS is normally a fortnightly 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. Produced with *plATmN*, including the new on-line layout facility. 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 Internet.

Editor: Erich "Fuzzy" Jacoby, Dale "ñotasquare" Wick



A Student Chapter of the ACM

CSC Flash

Greetings once again, humans! It is a pleasure to be able to inform you once again of the goings-on of my ever-busy CSC.

What just happened

Since I last enlightened you, the CSC has had four events (that's right; *four events in two weeks!* Some other clubs just can't seem to get it together...), namely: **Ontario's Role in Unix**, **Introduction to X-Windows**, **Extending VX-REXX through the Object Development Kit**, and **Recycled Technology and the Art of Alife**. All were, of course, fantastically well attended.

What will happen

Coming up, the CSC continues its tradition of hands-on tutorials and exciting talks, with:

- 16 June: **L^AT_EX Tutorial** by *Shannon Mann*
Resumes made easy!
- 21 June: **Linux** by *Zygo Blaxell*
Find out all about this ever-increasingly-popular operating system!
- 23 June: **Practical Net Surfing** by *Stephen White*
Hang 10Mbps!

All this information is, of course, available on the CSC's World Wide Web server, URL <http://csclub.uwaterloo.ca/> (Bet you tried to click there, didn't you?) Also on the Web server is a lot of neat stuff, including an up-and-coming **Community Information Page** and **Member's Home Pages**, where any CSC member can put their own information onto the World Wide Web information system. This service is also available to clubs and students groups. Inquire at the CSC for more details.

Big-Name Speakers

My CSC has invited **Bjarne Stroustrup**, the inventor of C++, as well as two other big names in C++, **Max Skaller** and **Andy Koenig**, to give talks to them in mid-July. Watch the community for advertisements! This will be the CSC's biggest event since they invited **John McCarthy**, or at least since the newsgroup banning forum. :-)

doctor's coming along

The CSC's new computer doctor is desperately lacking a keyboard. If you have a spare AT keyboard, please donate it to the CSC! Thank you.

Meanwhile, I'll be busy here in Tibet, attending a one-week conference on transcendental networking. See you in cyberspace,

Calum T. Dalek
Chairbeing

PMC&OC Speaks!

Once more, with feeling

Hi there! Well, enough chit-chat, on to the facts:

Our next scheduled talk is on June 20 by Leon Hsu on an as yet undisclosed topic. But in Leon's own words, "It'll be absolutely terrific, and everyone will want to come!" The next talk after that will be on June 30 by Prof. Willard.

As for co-rec sports, our last game was on Thursday June 9, three days after I wrote this article, so I can't tell you how it came out (ah, heck, we probably won). But be on the lookout for the ever-dramatic PMC&OC match against the profs! The date for this no doubt intense softball game has not yet been finalized, but the candidates are June 23th at 2:30pm, or July 7 at 2:30pm. See the newsgroup uw.pmc for details.

The PMC&OC barbecue was also held this past Wednesday, and I'm sure a feast was had by all! Again, watch uw.pmc for events like these!

Until next time,

Peter Milley
PMC&OC ambassador to mathNEWS

Canada Day Cometh!

Canada Day is approaching fast! The Kitchener-Waterloo Canada Day Council requires volunteers to help with the festivities on the North Campus this July 1st. With an estimated 50,000+ people attending this event every year, we can't do it without your help. We need 250 volunteers for July 1st, and 40 volunteers for each of June 30th and July 2nd. If you wish to lend a hand with Concessions (food), Security, Stage, Candles, Parade, Children's Events, or Operations (set-up, takedown, general help) then please call Kate Maude at 747-2542, drop by the Federation of Students office (CC235), visit the Math Society, or drop by the UW Volunteer Centre. Free food, t-shirts, and an after-hours party (*BEvERages*) for all volunteers. Volunteer training sessions will take place on June 27th at 5:30 pm in Davis Centre 1350. This meeting is especially important for Security volunteers. No experience necessary! Just bring your enthusiasm. See you July 1st!

Thanks for all your help.

Curtis Desjardins
K-W Canada Day Council Co-Chair

Soc Talk

Hi, it's **Rachel Nickie**, your MathSoc social director, and yes, we've got events:

June 11: Canada's Wonderland, \$17.50 with Rec. (Yeah!)
Last day of sales today in the 3rd floor foyer.

June 26: Blue Jays Game against Baltimore, ticket prices to be determined.

Volunteers are needed for Canada Day: see the door of MC 3038.

If you want to be part of the Social Board, talk to me, leave me a note in MC 3038, or email me at lrnickie.

Thanxs a lot
Rachel

Novelties Report

It's summer. You were out drinking last night, and woke up naked in the comfy lounge. Well, don't worry. MathSOC has a number of stylish t-shirts for sale for the low low price of \$10/shirt. Since we don't bother to tell the government about our sales, there's not even any tax! Wow, what could be better?

Now, I know what you're thinking. "I could really use an 'e' button to go with my t-shirt, but I just can't afford the \$0.25 to buy one." Well, just bring in a copy of this issue of mathNEWS, buy a limit t-shirt, and get one 'e' button absolutely free. You know the limit t-shirt, right? If not, check out last month's copy of GQ where it was profiled.

We've also got SOMETHING COMPLETELY NEW for sale—Mathie Soup Bowls. These awesome little items can be used in the C&D as either a small coffee cup, or as a soup bowl. So buy a mathie soup bowl, save the environment, and save the lousy \$0.05 the C&D charges you for the Styrofoam cup. Soup bowls will be available Monday.

Cheat Shirts will be coming in on June 21st. This will be your last chance to get a Mathie Cheat Shirt. We're redesigning both the cheat shirt, and the limit shirt, so get them while you can. At the low-low price of \$10/shirt, cheat shirts are a steal.

If you would like to help with the artwork for the cheat shirt or any other shirt, email cbnorman@napier.

Chris 'Strunoph' Norman

Unix Tip of the Week

This week's UNIX Tip is "Never sit in the middle of the Teaching Option's row in a class." Whoops... that's not a UNIX tip. (Sorry about that.)

This week's tip has to do with changing directories. If you've ever done some serious development in UNIX you've probably had to change your directory a few times. What you may not know is that under the "C" shell (or tcsh shell) you can set up a search path for directories.

If I set an environment variable called "cdpath" with a list of directories, these paths will be searched if a "cd" command fails. For example, if I have the following in my .cshrc file

```
set cdpath=( $\text{\$home} \text{/cs454}$ )
```

and then type "cd bin"; the shell will first search my immediate subdirectory for a directory called "bin". Failing that, it will then search my "home" directory. Failing that, it will search my cs454 directory. If any of those matches succeed, the directory change will be made. Keep in mind that much the same as the regular "path" variable, the "cd" command will take the FIRST valid choice and will neglect searching the rest of the path.

Have fun.

Adam "The Bitsnatcher" Benjamin

Frisbee Gold Tournament

Students, Faculty, Staff, and other members of the UW community are invited to participate in the upcoming Federation of Students "Frisbee Golf Tournament." To be held the afternoon of Friday, July 22, the event promises fun for all.

A \$5.00 entry fee is being asked for, with the proceeds all going to charity. The Federation of Students will provide refreshments and prizes. Additionally, an awards ceremony with a cash bar will be held afterwards at the "nineteenth hole."

To register for this event, please contact Academic Affairs Office of the Federation of Students at extension 2340, or by e-mail at Fedacad@watserv1. Space is limited, so book now.

Bored Bored Bored

Rich and Bored

Dear Editor,

I'm one of the Mathies but I'm having my summer vacation at the moment. I'm positive that some of my Canadian friends are studying this term. In case they're wondering what I have been doing, the answer is getting bored, bored, and BORED. I miss my computer badly and I miss sending e-mails to my friends.

If I could access my UNIX account from this side of the world, I would probably make this more legible by posting it to the newsgroup but, ... I have not touched the computer keyboard for one month now.

I should get straight to the point. I'm looking for someone who would have the time to write to me and let me know what's happening in UW because I'm out of touch with some/most of my friends in UW.

And if this letter should be published, I'd like to grab the chance to say "Hey, Bridge, ... write soon ... please. My mailbox needs a reason to exist!"

I can be reached through this address:

No. 2 York Crescent
Georgetown 10450
Penang, Malaysia.

Ciao!

Sincerely-Bored-To-Death
Mei Yen, Ch'ng

Postcard From the Ledge

Greetings, Waterloo! Out here in the so-called "real world", it's a wonderful place, full of exciting events, good looking people of your preferred sex (if you know where to look) and unusual phenomena. What phenomena?, you might ask. Well, phenomena such as these nutty news items:

"New Math" Department:

An elementary-school teacher has been relieved of duty following a controversial math test. The problems on this test involved drug dealing, auto theft, and prostitution. A sample question: If Rufus the pimp needs \$800 a day to support his crack habit, how many "tricks" must his three "girls" perform at \$65 a trick?

"What's In a Name" Department:

A B.C. entrepreneur was not allowed to name his product "Nookie Cookies" because the name was too offensive. The second choice name for the cookies, shaped like humans in sexual poses was approved, however: "Kinky Cookies".

"How Not To Be a Fugitive" Department:

A Minnesota man escaped a work-release program and bragged through the local newspaper about the good job he was doing hiding from the police. Police found and arrested him, however, while they were checking out a complaint of loud music. I guess he knows why fugitives want to keep low profiles now, eh?

Darren "Ren" Morby
Ottawa correspondent

Did you know?

Hi ho,

Your friendly neighbourhood Resource Manager here, we interrupt your regularly scheduled programming to bring you this very important news flash. Did you know that the list of services that MathSoc provides for your use is getting longer? With more improvements coming in the near future?

Your student card is the mighty key which opens for you many doors. We have 3 Macs complete with MS Word, MS Excel, and Superpaint for your use. The MathSoc Laser writer is attached to our powerful Macs and prints are at the low, low cost of \$0.10 per page. Photocopies are just \$0.05 [*Change is available*] and are on 50% recycled 10 M paper. As well, right in our office there are novelties for sale. These include such things as rulers, pencils, shirts, pins, and reusable 16 oz. mugs. Be stylish and socially conscious, all at once. Free of charge and available during all office hours are staplers (large and small), a holepunch, papercutter, past exam papers, local calls, change, band-aids (and other minor first aid stuff), board games and decks of cards. For soon-to-be graduates we receive the Employment Network Mailings available for perusal in the office.

We also organize and support athletic teams in the Campus Rec leagues, and other social events [*like the upcoming Canada Wonderland Trip*]. Fourth floor study rooms are available for booking for study groups, and small meetings (MC 4066). Open twenty-four hours a day is the private-study room (MC 4065), which contains study carrels for one and two people.

Things which will be here in the near future are: better dictionaries, a set of maps, and many other exciting things. If there is anything that you would like to see in the office, come and see me, leave a note on my board, or e-mail me at jarnot@napier. If you happen to think that the office is not open enough, you should try volunteering for one hour a week to keep it open that much longer. Remember your student society is only what you make of it.

Jillian Arnott,
Resource Manager

"Try not to let school get in the way of your education"

Thinking about graduate school?

The Faculty of Mathematics is holding an **Information Meeting** on graduate work in the mathematical sciences:

Tuesday, June 28, 1994
3:30 pm - DC 1302

- Why undertake a graduate program?
- How do you know if you are suited for graduate work?
- Where can you find information on programs?
- What financial assistance is available?

Departmental representatives from Applied Mathematics, Combinatorics and Optimization, Computer Science, Pure Mathematics, and Statistics & Actuarial Science will be available with specific information about their programs.

All students welcome.
Refreshments available.

mastHEAD

Wow, technology forges ahead and I am writing this from the comfort of my own home while dialled-in to the account. Don't know what size this issue will be yet, but I do know that we would always love more submissions, so please keep them coming. Also, when there are only 7 folks around when the pizza arrives, that translates into 3 slices plus each. So come out and join in the feast. Folks who contributed and/or feasted this ish, along with their favourite card game:

EC (Gleek!), Kivi Shapiro (Mao), Ian Goldberg (Talking; Lying; Cheating; Saying the name of the game), Jillian Arnott (Strip Magic), Mike Hammond (9-handed Euchre), Stephen Mills (Magic: The Drinking GameTM), Karen Smith (Rummy with Tarot Cards (I got a full house & destroyed 3 nations)), Peter Milley (Mediocrity), Chris "Strunoph" Norman (Make Grandma Lick the Toad), Moses Moore (Melba Toast - "I win!"), Frank Yao (Solitaire) and Adam Benjamin (Mille Bourne).

Erich "Fuzzy" Jacoby (Spellfire... NOT!!)
Dale "ñotasquare" Wick (Woooo!(the owl game))

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Faculty of Mathematics Dean's Honours 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 28, 1994 and have their names displayed in gold on the walls of the Faculty Colloquium Room (MC 5158).

Ando, Seiji HC CSCI; Briggs, Scott Raymond H COMP SCI; Brown, Daniel R. L. H PMATH; Chan, Sze Sze Ada HC C&O/CS; Chan, Yuk Kuen Henry H C&O/CS; Chiu, David Tuen Wai H CS/INF; Coleman, James HC AM/PHYS; Crafton, Bradley D. HC ACT SCI; Ducharme, Dale Matthew HC C&O/CS; Fong, James HC M/B/CS; Gaudet, Dean H CS/PMATH; Haskins, John Charles H C&O/CS; Hwang, Robert HC C&O/CS; Kerr, David George H AM/PM; Kong, Po Shan Mary HC CSCI; Lagarde, Jean-Sebastien H ACT SCI; Ling, Chi Hung Alan H C&O; Ma, Wai Man Theresa HC CS/INF; Maguire, Andrew C. HC C&O/CS; Naumann, Bernard Richard HC ACT SCI; Ng, Yu-Kwan Patrick HC CSCI; Parsons, Kimberley Joy HC CSCI; Peirce, Stephen HC ACT SCI; Pham, Hoan Huu H CS/EL E; Poon, Stanley Ka Hung HC C&O/CS; Prieksaitis, George William HC M/CA(S); Schofield, Michael B. HC ACT SCI; Song, Charles J. HC ACT SCI; Sourelis, Constantinos H COMP SCI; Spencer, Scott William HC ACT SCI; Talib, Shams HC ACT SCI; Wainwright, Martin James H AM/PM; Weatherhead, Thomas Andrew HC CSCI; Wong, Man Kit Danny H COMP SCI; Yap-Chung, Nicola Grace HC CSCI.

In recognition of outstanding academic achievement throughout their undergraduate careers the following students will "GRADUATE WITH DISTINCTION" at Spring Convocation, May 28, 1994.

Bartha, Francesca Stephanie HC M/BA(S); Batek, Antonio C. HC CS/ECON; Benke, Stefanie H COMP SCI; Cauley, Brian Marcus HC M/B/CS; Chang, Su-Chin HC CS/EL E; Cheung, Ada Ying Dee H COMP SCI; Chiang, William Hon Chung HC CSCI; Chow, David Wai Hong H C&O/STAT; Chow, Tsz Kin Jeff H CS/OR; Eden, Michael Charles HC TEACHING; Farrell, Glen Robert HC CSCI; Gooi, Roy Chu Nan HC ACT/STA; Guenther, Lawrence Alfred HC ACT SCI; Husbands, Karen Paige HC ACT SCI; Islam, Asif Aminul H COMP SCI; Lowachee, Sean HC M/B/CS; Mamo, John R. HC CSCI; McCluskey, Christopher Connell H AMATH; Morton, David Kennedy HC ACT SCI; Noronha, Jorge Manuel HC ACT SCI; Orchard, Jeff J. HC AMATH; Patchett, Mark E. HC C&O/CS; Penner, Michael Erwin HC CS/PM; Porter, Jonathan HC ACT SCI; Shen, Ann H MATH; Singh, Bhupinder HC TEACHING; Stanley, Laura Lynn HC ACT SCI; Sutherland, Eric Ross H C&O/STAT; Venhuis, Theresa Anne HC CS/EL E; Walji, Aziz HC ACT SCI; Watters, Jennifer Louise HC STAT.

In recognition of outstanding academic achievement during the Winter 1994 term, the following students qualified for the Dean's Honours List.

Astley, Derek John; Au, Gloria Wing Yee; Barnes, Jordan Douglas; Beardwood, Fiona Nicole; Becker, Matthew William; Bell, Jason; Bender, Lorraine Joyce; Blaney, R. Kyle; Bosland, Marcus Jomo; Bowman, Ivan Thomas; Briggs, Scott Raymond; Brown, Daniel R.L.; Brown, Darren Earl; Burton, Paul Kenneth; Campbell, Blaine Edward; Carriere, Jeromy; Chadha, Dushyant; Chan, Ho Fai James; Chan, Kai-Chung Petrus; Chan, Man Pun Isaac; Chan, Peggy; Chan, Shirley; Chan, Sze Sze Ada; Chang, Su-Chin; Chase, Jason Percival; Chau, Wayland; Chen, Jason Qiang; Chen, Wing Yee Anne; Cheng, Chi Hang Henry; Cheung, Kevin King Hin; Cheung, Steve Yau Ngai; Chiu, David Tuen Wai; Chow, Kin Wing Kevin; Cooper, Patricia Lynne; Costa, Dany; Dunn, L. Michelle; Estey, Paul; Evans, Glenn Frederick; Farrell, Glen Robert; Ferreira, Paulo Fernando; Fok, King Yin Kenny; Fong, John; Fong, Yuen Fay; Gammage, Simon; Gaudet, Dean; Gauthier, Matthew Charles; Gignac, Lesley Ann; Gilliland, Mark William; Goldberg, Ian Avrum; Graham, Robert; Hamm, David; Hart, Jeffrey; Huang, Po-Chih George; Huh, Woonghee Tim; Hwang, Robert; Irving, John Charles; Joanis, Eric

Jean Sylvain; Keng, Leslie; Kerr, David George; Klinck, Ian C.; Kruk, Serge; Kry, Paul Gregory; Kwok, Raymond Ying Wai; Lakota, Darko; Lam, Cheuk Ying; Lapell, Eli Michael; Lapensee, Roxane Gisele; Lau, Oi Ting; Lau, Wai Tak; Lear, Shanda; Lee, Tai Keung Gary; Leshem, Ran; Liao, Hiu Chung; Ling, Chi Hung Alan; Liu, Qin; Lo, Siu Ming Michael; Lou, Jie Jay; Lung, Florence Sau Chi; MacDonald, Hugh I.B.; Maguire, Andrew C.; Mak, Wing Chit Raymond; Mak, Yvonne Wai Ming; Malin, James Walter; Mamo, John R.; Maruszak, Janusz J.; Maxwell, David Aquilla; Michail, Ashraf Ayman; Mistry, Chetna; Momoh, Oshoma; Morgan, James Edward Allan; Morton, David Kennedy; Mosca, Michele; Naumann, Bernard Richard; Ng, Yu-Kwan Patrick; Nguyen, Minh Duc; Palmer, Chris R.; Parsons, Kimberley Joy; Parsons, Todd Lawrence; Patchett, Sean E.; Peirce, Stephen; Piquard, Nicolas Romain; Pomykalski, Piotr Przemyslaw; Poon, Stanley Ka Hung; Posner, Marshall Evan; Prinsen, Mark Andrew; Rection, Hugh G.; Riet, Allan Cornelis; Rohlf, Katrin; Ruetz, Christina; Ruiter, Angela Theodora; Ryder, Angie; Sabourin, Lousindi Rose; Schiedel, Juanita; Schofield, Michael B.; Song, Charles J.; Spencer, Scott William; Spiro, Vanessa; Srivastava, Raman; Stastna, Marek M.; Stephen, Tamon Muri; Stevens, Warren; Surazski, Lukasz; Sutherland, Eric Ross; Takhar, Navdeep; Talib, Shams; Thurston, Lisa Naomi; To, Siu-Lun; Tomlinson, Jennifer Helen; Tsui, Wing Shan; Vandenberg, Erick Shawn; Vanderkaden, Michael Alen; Vasiga, Troy Michael John; Venhuis, Theresa Anne; Wainwright, Martin James; Walji, Aziz; Weatherhead, Thomas Andrew; Yap-Chung, Nicola Grace; Yeoh, Eng Kim; Yeung, Ka Yee; Yeung, Kin Pong.

Last Official Day to Pre-Register for Winter Term 1995

Today, Friday June 10 is the last official day to pre-register for the Winter term 1995. Course offerings lists are available in the Math Undergrad Office (MC 5115).

The Faculty will plan class sizes based on pre-registrations submitted by June 10th. If you do not pre-register, the Faculty cannot guarantee you a place in the courses required for your program.

Dorothy Chapman
Dean's Office, Faculty of Mathematics



"The end of the universe will be an off by 1 error." -PG

profQUOTES

"This is an old film so people dress funny."

Corning, PSYCH 101

"We've talked about the structure of neurons, and then we'll talk about Punky the salamander."

Corning, PSYCH 101

"Does anyone want to protest? I'll need your name and I.D."

Corning, PSYCH 101

"Nobody's poking us with a metal rod or giving us a hunk of candy for making that association."

Corning, PSYCH 101

"I was just going to do this problem. It's on your assignment."

Morris, AM 353

"You can't have your brain divided into little compartments."

Morris, AM 353

"Do you know the difference between the people who say 'isn't' and those who say 'ain't'? The 'isn'ts' control the schools?"

Dickey, PM 360

"If you pay a little more, you can get a better date."

Harling, Bus 481

"I advise you to ignore the proof in your course notes 'cause I think it's stupid."

Lewis, Math 138

"Has everyone been on hard drugs all weekend?"

Lewis, C&O 350

"I have a nice cat at home: I don't want anyone to skin it."

Hoffman, Math 148

"It's a little bit ... oh ... SOUL-DESTROYING to write it on the board."

Hoffman, Math 148

"Here I have a cos t ... and here I have a sin t ... so obviously ... I have the wrong damn integral!!"

Kerr-Lawson, Math 138

"Users are idiots. In fact, half of the users in the world are malicious idiots."

Cormack, CS 452

"I don't have to be drunk every time I write a mid-term."

Ennis, Psych 253

"If failing exams is a trend, you might think 'Maybe I should start filling out applications for Sunoco'."

Ennis, Psych 253

"It ... underlaid it? ... underlyed it? ... under ... caused it!"

Ennis, Psych 253

"Everyone picks their nose ... Do you pick it here? ... Do you pick it in the car? ... On your bike? ... Skinner would say, 'Of course. You have learned when to pick your nose?'"

Corning, PSYCH 101

"You're going to do it - it's an orifice, you've got a finger and only a limited number of openings to put it in."

Corning, PSYCH 101

"Drinking too much of this stuff probably won't do you any good. But four or five won't hurt."

Hoffmann, AM 332

"The reason I'm doing this rule like this is because there is another version that is completely different which is very similar."

Hoffmann, AM 332

"Let's say it's a hypergeometric function ... whatever the hell that is!"

Moskal, Math 235

"Now comes the Happy property"

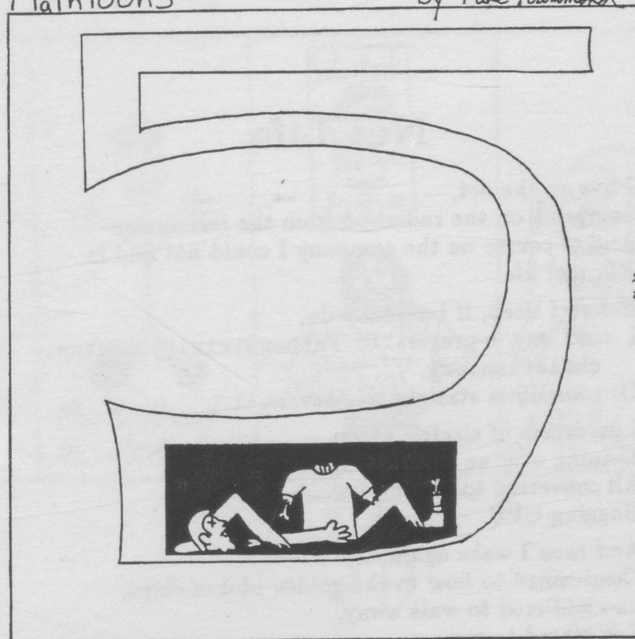
Ennis, Psych 253

"I woke up this morning and realized you could deduce theorem 13 from 15. Maybe being hungry helps your brain, maybe when you hit my age, your sex drive is lower... I didn't say that."

Hoffmann, Math 148

Mathtoons

by Mike Hammond



Charlie was cut down in his prime.

14 Uses for "The C++ Programming Language" on Assignment Night

1. Mail it to an unpleasant relative (C.O.D.)
2. Place it between two slices of bread. Sell it in the C+D.
3. Bash your X-Terminal into little, tiny pieces.
4. Wedge it under the door of MFCF Operations, and start pulling those alarm wires!
5. Bludgeon the noisy loudmouth next to you.
6. Jam it in that %&\$\$@*~ NOISY DOT-MATRIX PRINTER.
7. Repackage the book and sell it as a cure for insomnia.
8. Club yourself into a coma, and get an extension due to illness.
9. Throw it at a university cop, and get an extension due to jail time. [Ed. note: according to the undergrad calendar, incarceration due to criminal offences is not a valid excuse for missing an exam]
10. Use it as a paperweight for your Faculty of Arts application.
11. Tie it to your T.A. and throw him off the C+D balcony. If he floats, he's innocent.
12. Wait until finals: then stand on your desk and tear it up, page by page, while gibbering loudly.
13. Stuff it in the "Diamond Destiny" resume box.
14. Sell it to the CSC.

Tommy "The Yurk" Yurkiw

Net Life

I live on the net,
Surviving on the radiation from the terminals,
And of course on the company I could not find in
RL, real life.

Before I sleep, if I actually do,
I send my e-prayers to Father@trinity.heaven-christian.org,
Or sometimes straight to /dev/null.

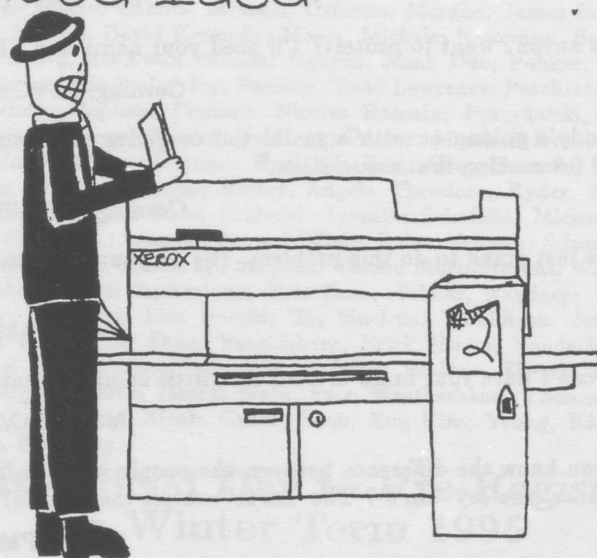
I do dream of electric sheep,
Leaping over an electric fence,
All converted to 1's and 0's
Hogging CPU.

And then I wake again,
Condemned to bow to the golden idol of chips,
Too addicted to walk away,
Too scared to run.

Frank Yao

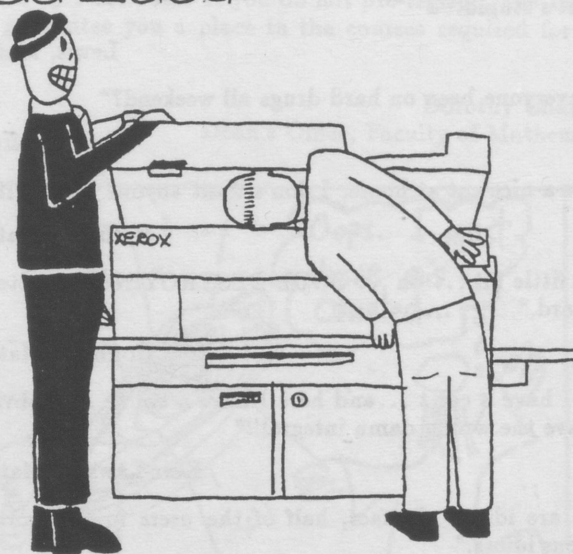
It's time for another Good Idea/Bad Idea

Good Idea:



Photocopying old math exams in Mathsoc.

Bad Idea:



Photocopying old math profs in Mathsoc.

THE END

Mike "Just for fun we run around the Hammer movie lot"
Hammond

Sorting Algorithms of the Rich and Famous

A recent poll of math students revealed that you're all tired of the witty and hilarious articles that *mathNEWS* has been bringing you during your years here at Waterloo. "If I wanted to read something funny, I'd read James Downey's press releases" commented one student. "Why can't we see more theorem proofs and sorting algorithms?" commented another. "Why can't we see *any* theorem proofs and sorting algorithms?" commented another. "What's a sorting algorithm?" commented another, but it turns out he was in physics, so we ignored him.

Responding to this cry for more of the stuff we get in lectures, I wracked my brain for fascinating theorems I could write about in *mathNEWS*. The only theorem I remember however is the $1 + 0 = 1$ theorem (which is true for small values of 0). Since I couldn't remember any of the hypothesis or the conclusion I decided I'd better write an article about sorting algorithms. Luckily, I happen to be a world expert on sorting algorithms. And Bill Gates is my cousin too.

During my last work term with the government in the Dept. of Created Labour I had lots of fun developing new and exciting sorting algorithms. I also had fun masquerading as a paraplegic left-handed female pygmy with a lisp in order to get the job, but that's another story. While I no longer remember how to actually program any of these sorting algorithms (too much smurfberry wine on my lunch breaks I guess), I do remember most of their properties. Actually, I think some of them may just be hallucinations. I found that if you leave smurfberry wine out in the sun for about two hours, and mix it two parts to one with lighter fluid, you get a concoction that would make Zaphod Beeblebrox's left head explode. But I digress... on to the algorithms.

Finally - the algorithms!

Assertion Sort Assertion sort takes the information you send to it and returns it to you unchanged, assuming that it was already in the correct order. Few sorting algorithms can match the pure speed of assertion sort. The assertion sort algorithm has led to an entire branch of programming known as 'assumption programming'. The concept behind assumption programming is assuming that other parts of the program are handling any difficulties you might run into. A highly modularized program written entirely under the assumption programming paradigm is called a government program.

God Sort This sorting algorithm is invoked by actually sending the information you wish to sort directly to God through prayer. God then immediately sorts it, and sends it back to you. Regardless of the amount of information you wish to sort, or how much you have to sort, God sorts it instantly (he is God, after all). Rumour has it that Ian Goldberg is attempting to develop a faster algorithm than the God Sort.

Null Sort This sorting algorithm returns null. Of course, by default, null is correctly sorted. Null sort is rightly praised as one of the fastest and simplest sorting algorithms of all time.

UW Sort UW Sort takes the information you send it, mails it to the ethics committee, informs you that it might be illegal for it to sort it, and then erases it. As its return value it gives a feed to rec.pets.cats.

Zen Sort The Zen Sort algorithm takes seven days and seven nights to sort any amount of information, regardless of

how it is implemented or what platform it is run on. It does not return the information you asked it to sort, but instead tells you where the information you sent it fits into the cosmic scheme. For example, when sorting an array of 50 integers, Zen Sort might say "the order in this array of integers represents the curves of the broken crags of Mt. Zymago".

Chris 'Smurf Sort' Norman
And his youthful assistant Jef

Late for Class

Morning sun spills into my room
demanding my attention
pulling me from sleep
insisting I arise

The shower is hot
sharp needles pound at my sleepy skin
My toothpaste is minty
making my tongue tingle

My bed is so comfy,
my blanket so warm
my whole body cries
just five minutes more!

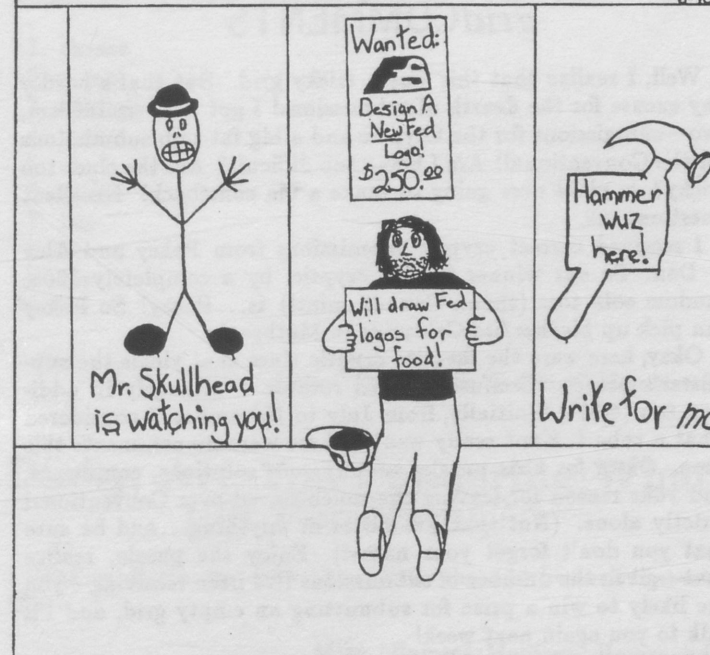
My pillow is soft
as I try to warm up
the radio music relaxes
and I fall slowly aslee...

Jimmy Musbetuf

Recessionary Times

by Mike Hammond

6-10



Martin's luck finally begins to change.

Magic: The Drinking Game

Since there is a drinking version of every other game in existence, it is time for Magic: The Drinking Game. For those of you who don't play Magic, a very short review of the game is necessary. Magic is a card game for two or more people in which you try to reduce all of your opponents' life points to zero from a starting value of twenty. In this game, you shall use 20 shots for your life points. Each time an opponent manages to hit you, he will drink the number of your shots that he hit you for. It would be nice if your shot colour matched your deck colour. Here are some suggestions:

Black: Brown Cow (Kahlua, Chocolate Milk), Black Russian (Vodka, Kahlua)

Green: Grasshopper (Green Creme de Munthe, Milk) Pan-Galactic Gargle Blaster (Blue Caracao, Orange Juice, Whiskey, Rye, Rum)

Red: Bloody Mary (Tomato Juice, Vodka), Brains (Peach Schnapps, Bailey's, Grenadine)

Blue: Blue Lagoon (Lemonade, Blue Caracao), Smurf Piss (Blueberry Schnapps, Mountain Dew in a salted glass)

White: Bailey's Irish Cream, White Russian (Vodka, Kahlua, Milk)

Artifact: Gin and Tonic, FireWater (Crystal Pepsi, White Rum)

But if you can't afford expensive shots, you could just use beer, and then have Healing Beer, Drain Beer and Stream of Beer.

Stephen A. Mills

gridCOMMENTS

Well, I realize that this was a tricky grid. But that's hardly any excuse for the dearth of submissions! I got two—count 'em, two—submissions for the Cryptic and a big fat zero submissions for the Conventional! Am I being too difficult? Are the clues too tricky? Is plaid ever going to make a big comeback? Excellent questions, all.

I received correct cryptic submissions from Pokey and Alex + Dan. So our winner for the cryptic, by a completely 100% random coin toss (thanx Canada mint!) is...Pokey! So Pokey can pick up his/her/its Gridprize in Mathsoc!

Okay, here were the favorite cryptic clues that yields the submitter's name: "Confused, wheel rotator + strangely in addition too (4,3)"; "Initially, from July to November, I considered what a rube I. Kant really was". There were no comments this time. Okay, for this puzzle, submit your solutions, comments, and your reason for leaving the much-slaved-over Conventional strictly alone. (Not that I'm bitter or anything...and be sure that you don't forget your name!) Enjoy the puzzle, realize that—given the number of submissions I've been receiving—you are likely to win a prize for submitting an empty grid, and I'll talk to you again next week!

Mike "gridHAMMER" Hammond

Top 10 Improvements That Should Be Made To The U.S.S. Enterprise-D And Its Crew For The Movie This Fall

10. Lend Kirk's toupée to Picard.
9. Kill off Yar and all of Yar's relatives once and for all. The same with Data's relatives.
8. Remove the Lt. "I must have a Klingon woman" Worf—Deanna Troi love subplot.
7. Introduce a Lt. Barclay—Geordi LaForge love subplot.
6. Put that damn emotion chip in Data's head.
5. Remove all possibility of the ship being sent backward or forward in time!
4. Create a new sound effect for the bridge.
3. Reprogram the replicators to say "Do you want fries with that?" after every food order.
2. Paint eyebrows on Guinan.
1. Install a second washroom. (Otherwise, they'll continue to boldly go where no one has gone before!)

Mike "Boldly going where no Hammer has gone before!"

Hammond

Mala Krishnan

Dave "MC Venn" Vernest

Novelties Report

It's summer. You were out drinking last night, and woke up naked in the comfy lounge. Well, don't worry. MathSOC has a number of stylish t-shirts for sale for the low low price of \$10/shirt. Since we don't bother to tell the government about our sales, there's not even any tax! Wow, what could be better?

Now, I know what you're thinking. "I could really use an 'e' button to go with my t-shirt, but I just can't afford the \$0.25 to buy one." Well, just bring in a copy of this issue of mathNEWS, buy a limit t-shirt, and get one 'e' button absolutely free. You know the limit t-shirt, right? If not, check out last month's copy of GQ where it was profiled.

We've also got SOMETHING COMPLETELY NEW for sale—Mathie Soup Bowls. These awesome little items can be used in the C&D as either a small coffee cup, or as a soup bowl. So buy a mathie soup bowl, save the environment, and save the lousy \$0.05 the C&D charges you for the Styrofoam cup. Soup bowls will be available Monday.

Cheat Shirts will be coming in on June 21st. This will be your last chance to get a Mathie Cheat Shirt. We're redesigning both the cheat shirt, and the limit shirt, so get them while you can. At the low-low price of \$10/shirt, cheat shirts are a steal.

If you would like to help with the artwork for the cheat shirt or any other shirt, email cbnorman@napier.

Chris 'Strunoph' Norman

The Oracle's Advice column

Budgies removed by request

Do ducks dream?

Dale Wick

Ducks and other waterfowl are special among the dreaming creatures of the Earth in their ability to dream collectively – something about sharing a body of water allows them to commune in what the Australian aborigines call “dreamtime.” These temporary isles in dreamtime are bright and are mostly marshes, but some areas are drier, forming miniature archipelagoes. Humanity is starting to affect these fowl paradises, with bridges between islands (but no paths), and the occasional old lady with a bag of breadcrumbs.

All one-legged ducks have two legs in their dreams.

Who are you people and why do you keep following me?

Joshua Theysmeyer

Just calm down, there's nothing to be afraid of. We're here to help you... so just give me the compass... look, here's a doughnut, just let the hostages go... okay, how about this Rod of Ruin card? okay, just let the Dean—okay! okay! the card and this bowling pin for the Dean. slowly, slowly... NOW! I got his hand! give him the tranquil—the TRANQ! get the jacket! I got his neck! not the—argh—hold it... there.

In the last Star Trek:TNG, Picard was supposed to have created an anti-time thing that expanded backwards through time and destroyed humanity (we'll ignore the paradox since Q is involved). If this thing was supposed to expand backwards through time, then how did the old Picard see the event AFTER he created it, but not before?

Most Trekkers

The four(!) continuity checkers for that episode were not available for comment, but Trek Physicists have hypothesised the following possibilities:

- *The (thing)event's shape in space-time is not a convex-past hyperboloid, but a hyperboloid, expanding spacially in both positive and negative temporal directions.*
- *Q tipped the scales further in humanity's favour, changing the nature of the event so that Picard could prevent it after (anti-before) the event occurred.*
- *During a commercial break, the Enterprise did a short slingshot around a nearby Sol-like star.*
- *“Warp 13,” which exceeds the environmentally friendly Warp 5 and the Warp 10 = Infinite rule, is actually a means of travelling backwards in time.*

You decide. The series is over, so good luck trying to sue for damages or emotional trauma.

In N (where $N \geq 2$) male washrooms in the math building, there are lists of useful phone numbers posted above the sinks. It strikes me that it would be more useful to post these lists BE-SIDE THE PUBLIC PHONES, rather than IN THE WASH-ROOMS. What idiots put these lists up?

Eric Lippert

The safety committee from your Federation of Students. It was recommended by a former executive of the Federation (as in one of the elected positions). Members of the committee were not available for comment, but you can follow up with them by asking at the Fed Office to be added to the next meeting's agenda.

[Note: The Oracle refused to respond to the following question, but mentioned “turnips” when pressed for an answer.]

Whatever happened to the mind control people in the psychology building? I wrote in before, but the letter was conveniently consumed in a brush fire.

Jef Hehner

The Oracle

What I did on my Summer Vacation

Chris “I’m in co-op, what summer vacation” Norman

The Corporate Word

An original puzzle for this puzzle-lacking term

The object of this puzzle is to take the letters below and figure out what the original words were by inserting the initials of some company employing co-op students. For example, if you were given “aotic”, you would insert NRC to get “NaRCotic”. If you were given “rad”, you would insert GE to get “raGEd”. If you were given “eler”, you would insert HP to get “HelPer”. The person who gets the most gets a fabulously wonderful prize. (However, if there are no entries, hints will be given next issue.) Submit your answers in the form of “NaRCotic” above to the BLACK BOX by 6pm, Monday, June 20th. Good luck!

1. rhosoe
2. aomal
3. pthtialy
4. roai
5. ai
6. otaine
7. bue
8. sue
9. ear
10. ew

Mike “The Puzzle Hammer” Hammond

Pinky, Are You Pondering What I'm Pondering?

I think so, Brain, but isn't this a little short to be such blatant filler?

Mike “HammerManiacs” Hammond

The Y₀ Files

We last left Duller and Scummy in...the Comfy Lounge. Duller was deeply immersed in a game of Magic: The Garnishing™ with a grey-faced couch potato, while Scummy was bored out of her tree.

"Gee," thought Scummy, "what's my tree doing in...the Comfy Lounge?"

Duller screeched, "Ha! Take that!" to the two-faced couch cushion. The red-faced couch upholsterer said, "Okay!", then proceeded to pick up the card and put it in his hand. "Thanks!" he said.

Scummy decided to leave her partner deeply immersed in the game. She wandered out into the hallway, and noticed loud noises coming out of a doorway despite the late hour. She whipped out her pistol (and got pistol-whipped in the process) and went to investigate.

There were several people sitting on a rather large couch, listening to a computer make gurgling noises. "Call'em is alive!!!" one of them shouted.

"Call'em? Call'em what?" asked Scummy.

"The computer. Its name is Call'em T. DaleWick."

"And it's alive," Scummy said skeptically.

"Yes! Our experiment was a complete success! It can now shoot staples at will!"

"But what if I don't want to have staples shot at me?" said another on the couch.

"Shut up, Will!" the others chorused.

"It's name is Call'em T. DaleWick," repeated Scummy redundantly. "What does the 'T' stand for?"

"The national anthem at Blue Jays games, Mathspock locker lines, et cetera. About the only thing it won't stand for is university policy! See our buttons?" The buttons read, "It doesn't *have* to make sense, you have to buy a membership to see Sig-graph!"

"Whoops! Wrong one!" cried the other couch inhabitants. They showed her the correct one: "It doesn't *have* to be liked, it's university policy!"

Scummy, watching the people on the couch playing with the office machete, realized that she could trust them. She holstered her gun, and confided in the three.

"I pad my expense account, you know!" she said.

No, not that kind of confidence! said the omniscient narrator. *Tell them why you're here.*

"Oh, sorry. Okay, my partner and I are here investigating reports of Magic possession. Do you know anything about this?"

"Why don't you ask Call'em? He's by far the most intelligent of us here!"

Muttering under her breath, Scummy added, "The stapler is by far the most intelligent of you here!" Out loud she added, "Okay, if you say so! Can I just talk to him?"

"Why not? We do!"

"Why doesn't that surprise me?" thought Scummy. She sighed, performed a random shift of her facial muscles, and turned to the computer. "Call'em, what do you know about Magic possession?"

Call'em said, "Sorry, this article has reached a length of exactly one column. The answer to your question will have to be

continued in next issue...

Mike "Agent Fox Hammer" Hammond

Fed Logo needed

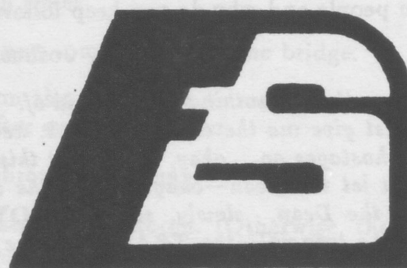
The Federation of Students wants a new logo to accompany the activities of the next year, including the opening of the new Student Centre.

The Feds are holding a contest this summer, open to all fee-paying Federation of Students members. Logo designs should reflect the business and service oriented nature of the Federation of Students—a 4.3 million dollar corporation.

Designs should be submitted on 8½ × 11 paper, and must be accompanied by the contest entry form, available at the Fed office (CC 235). Designs may be in colour, or in black and white.

All entrants must submit their designs to the Fed office before the contest closes at 4:30 pm, June 22. The prize for the winning design is \$250 cash. The announcement will be made June 30, 1994.

Questions about the logo contest may be directed to the Internal Affairs Office at 885-1211 ext. 6331.



About that Fed Logo...

Warning: Extreme ranting

Does that article, "Fed Logo needed", bother anyone else? I don't mind if the Feds want a new logo, it's just this idea that the nature of the Feds is "business and service oriented" and that the Feds are a "4.3 million dollar corporation" which bothers me.

Let's get one thing straight. The Feds are *not* a corporation. They are an elected government, and the difference between the two is very significant. A government exists to provide services (and occasionally goods) to its constituents. For example, the Feds provide us with things in the Campus Centre like the turnkey desk, the arcade, and the Women's Centre (call it Womyn's if you like, that's not the point of the article). Because things aren't free, a government usually gets money from its constituents to pay for these things, but the key issue is providing the services in the first place. A corporation, on the other hand, exists to *sell* services and goods to its customers. The point with a corporation is not the services it's providing, but the money it's getting back.

That's what annoys me about the "Fed Logo" article. As far as I know, the Feds are here to provide us with services, not to collect our fees in return for them. But the use of the word "corporation" makes it seem like they view us as customers rather than constituents. And frankly, I prefer the constituent-representative relationship over the customer-producer one; as a constituent my interests are the more important ones (at least in principle).

I don't know what the Feds were intending when they wrote that article; probably nothing half as significant as I make it out to be. But it would be nice not to have to worry about whether or not the Feds have decided to go into business without us.

Peter Milley

Who may now have a reason to vote

mathNEWSquizz #3

*Subtitled in French, Cantonese, ASL, and Esperanto,
but not in this edition!*

¡Hola! And how is everyone this fine, fine afternoon? Well, enough chit-chat. I'm sure that you're dying to know what the answers are to last week's 'Squiz. Well, I won't draw out the suspense any longer! **Movie Quotes:** 1) Smokey and the Bandit—Burt Reynolds; 2) Animal House—John Belushi; 3) Bull Durham—Kevin Costner; 4) Thelma and Louise—Susan Sarandon; **Movies in Foreign Lands:** 1) Dangerous Liaisons (sorry, Fatal Attraction was a 1987 movie!); 2) Wayne's World; 3) Housesitter; 4) The Poseidon Adventure; 5) The Cutting Edge; **Altered Movie Titles:** 1) E.T. the Extra Terrestrial; 2) Pretty Woman; 3) Honey, I Shrunk the Kids (And you thought that Free Willy was bad!); 4) My Girl; 5) It's a Wonderful Life;

The number of entries in this issue actually beat the number of entries from last issue! Instead of three entries, we had four! Give yourselves a pat on the back! Submissions came from: Alex + Dan, with 2; Wayland "Wayoleon the Great" Chau, also with 2; Pokey, with 5; and our winner, Slaves to the Gridword! (There aren't any 'uh's in your name this time, guys... congratulations! But if you're slaves to the Gridword, where's your Gridword submission? <insert moment of Hammer confusion here> Ye Olde Slaves can pick up your 'Squiz prize in the Mathsoc office. (And if you pick it up between 2:30 and 3:30 today or next Friday, you can meet your local 'Squiz- and GridHammer! Oh, the excitement! The wonder! The joy!) Speaking of which, here's this week's 'Squiz:

*Music
Name That Tune*

1. We can sigh, say goodbye
Ross and his dependencies
2. There will be a new city with streets of gold
The young so educated—they will never grow old
3. United States, Canada, Mexico, Panama,
Haiti, Jamaica, Peru
Republic Dominican, Cuba, Caribbean,
Greenland, El Salvador too

*Bad Guys in Movies
Name That Goon*

1. The man out to dupe both Fred Flintstone and Mr. Slate
in *The Flintstones*.
2. Popeye's nemesis in *Popeye*.
3. Buffalo Bill's real name from *The Silence of the Lambs*.

*Animation
Name That 'Toon*

1. The old, bitter squirrel from Animaniacs
2. The Joker's real name on Batman: the Animated Series
3. Jay Sherman's Aussie friend from The Critic
4. The parrot on Aladdin
5. The candlestick on Beauty and the Beast

*Laxatives
Name That Prune*

1. Which product advertises itself as "A drug-free way of promoting regularity"?

2. Prune juice is the favorite drink of which ST:TNG character?
3. Which Saturday Night Live regular appeared in the SNL "Colon Blow" commercial?

Have a blast with that last category, and submit your answers to this week's 'Squiz to the BLACK BOX by 6pm, Monday, June 20th! Ciao for niao!

Mike "SquizHammer" Hammond

**Top 10 Things That People
Might Say That Would Indicate
That Your Life May Not Be
Headed In The Direction You
Want It To Go**

10. Don't worry, the scars will hardly show!
9. We'll do our best to catch the man who shot your spouse, raped your child, stole your dog, and said all those nasty things about you on Wheel of Fortune!
8. Is the fact that you love me supposed to make me care about your existence?
7. Bail is set at \$1,000,000,000,000...minus time served.
6. Don't worry, he won't bite...unless you refuse to hand over your wallet!
5. Gee, it's too bad I don't remember your name! The sex was great! No, wait, I'm thinking of someone else. Your love-making was barely adequate. Gee, I guess it's a good thing I don't remember your name!
4. Yes, officer, he's the one!
3. How ya doing, Squishy?
2. Isn't that an awfully big title for such a stupid Top Ten list?
1. We've decided to make you Imp'tint editor!

Mike "Happy as a cl(H)ammer" Hammond

*stud*QUOTES

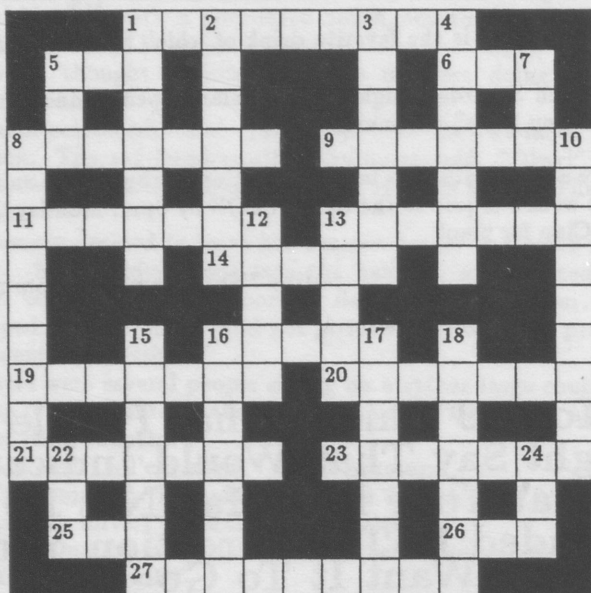
Student: "I'm confused." Prof: "O.K. Join the group."

McKiernan, AM333

Prof: "Maple is not a person; it's a computer program that does exactly what you tell it to." Student: "I didn't tell it to break down."

Morris, AM353

GRIDWORD



Grid Clues (Cryptic)

Across

1. Broken? Er, that's funny, Ed (9)
5. Snake mixer at health resort (3)
6. Tar up rodent (3)
8. Aides record direction in woman's possession (7)
9. Intoxicated *sake* rep a noisemaker (7)
11. Ancestry in eagle, unfortunately (7)
13. Drunkenly lace gin with good and beautiful qualities (7)
14. Is weird, exits (5)
16. "Caustics dissolve!" said note (5)
19. Give ugly snake (7)
20. Shakenly leave North Carolina camp (7)
21. Current spell butchered with knife (7)
23. Policeman loves really loud frozen water, right? (7)
25. Letter on French, no? (3)
26. Stroke fish eggs (3)
27. Badly test reams of union leaders (9)

Down

1. Tried Ms. A., pled insanity (7)
2. Mediocre cable network's tomb upset (7)
3. Male sheep breathe with unchecked growth (7)
4. Visionary, armed poorly, hesitated (7)
5. That woman in furs—her! (3)
7. Article on French tea (3)
8. Its oil has horrible bad breath (9)
10. Disney movie tore creek to shreds (9)
12. No longer a pretense, precisely (5)
13. Note ad is strangely in reserve (5)
15. Put lone eccentric having much wealth (7)
16. Ban ten names in aerial (7)
17. If direction lens shattered, cry a little (7)
18. 'Tumble' is large African city (7)
22. Able to put up preserves (3)
24. You sound like a female sheep (3)

Grid Clues (Conventional)—A Tribute To Mainstream Animation

Across

1. One of Yakko, Wakko, and Dot? (9)
5. Lubricate (3)
6. Lout (3)
8. Further behind schedule (7)
9. Pie filling (7)
11. Conceits (7)
13. Scale again (7)
14. Discharge (5)
16. Pants (5)
19. Speaker component (7)
20. Subatomic particle (7)
21. Dry Burgundy wine (7)
23. Split money? (7)
25. Body part (3)
26. Greek letter (3)
27. Warner cat (9)

Down

1. Popular Disney flick (7)
2. From crotch to ankle—on both sides (7)
3. A line on a map connecting areas of equal rainfall (HE IS TOY anagram) (7)
4. Percussion instrument (7)
5. Eggs (3)
7. Remote (3)
8. Jay Sherman's cartoon (3,6)
10. One of the Tiny Toons (4,5)
12. Transparent (5)
13. Warner sidekick (5)
15. Hanna-Barbara child (7)
16. Of grammar (7)
17. Leakage barrier (7)
18. Stutter (7)
22. Yard tool (3)
24. American gun-control opponent (3)

