

OCTOBER 16, 1987

MATHIES \$3

TIME

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math NEWS

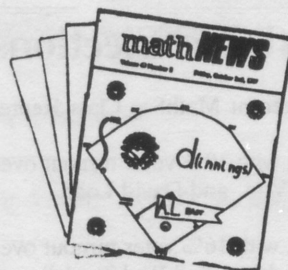
Volume 45 Number 3

Friday, October 16th, 1987

AS NEWSpaper
OF THE YEAR



TRUDGE



Now AVAILABLE !!

mathNEWS
COVER
GAFF
BUBBLE-GUM
CARDS

COLLECT THEM!
TRADE THEM!

in this issue:

Star Trudge

Life with dan

and more schtick than

you can stick a snake to

The NP-Complete Magazine

A Subsidiary of mathNEWS

Look Ahead

Cinema Gratis	
Oct 21	Fish Heads One Flew Over the Cuckoo's Nest
Oct 28	Invasion of the Body Snatchers A Clockwork Orange
Fed Flicks	
Oct 16-18	Killing Fields
Oct 23-25	Outrageous Fortune
Oct 30,31	Poltergeist 2
Nov 1	Poltergeist 2 too
LW Arts Centre	
Oct 17	Potato People
Oct 19	Dith Pran - "Living in the Killing Fields"
Oct 23	Theatre Ballet of Canada
Oct 21-24	The Bear and God
Oct 28-31	God and The Bear
Entertainment	
Oct 20	Marty Putz (comedy)
Oct 22	Mondo Combo
Oct 23	Frozen Ghost
Oct 27	The Best of the Quest (comedy)
Oct 31	Halloween with the Shuffle Demons
Co-op Reminders	
Oct15-Nov6	Interviews
Nov 5	Pick up ranking forms
Nov 6	Ranking forms are due
Nov 17	Co-op placements announced
Birthdays	
Oct 25	Nichola Bell - #23
Oct 30	Frank Booth - #43
MathSoc	
Oct 23	Frozen Ghost at Fed Hall
mathNEWS	
Oct 26	Production night - Issue 4
Oct 30	Next mathNEWS out

MathSoc Elections

The results of the recent MathSoc Class Representative elections are as follows:

Elected in 1A 4-Stream, with 10% voter turnout overall :
 Angela Wong, Diane Vint, and David Loop.

Elected in 2A 8-Stream, with 16% voter turnout overall :
 Shelly Ruth, Tom Vandeloop, and Paul Trudell.

Anyone wishing more detailed information is welcome to drop by MathSoc and ask.

Next up: the Summer 1988 Executive Elections! Times and dates to be posted in MathSoc, and printed here next issue

General Meeting

Ho-hum

The MathSoc Annual General Meeting was recently held in MC3001. The phenomenal crowd, brought out by the promise of free pizza, witnessed President Kirkness' Aquaman suit, Treasurer Crocker's underhanded overheads, and a bizarre collection of bylaws, many of which were introduced to be voted against. Strange, these MathSoc types. That's about it ... oh, yeah, the pizza was eaten real fast.

C&D groupie



Prez Sez



Ahem. Welcome to the third prez sez, and the middle of October. Despite certain transmission difficulties in last week's column (which are, I am assured, fixed) I hope you got most of the message.

The elections went well, with what was a half-decent turnout for Math, and, the good Lord willin', we hope everyone will stay involved, win or lose. Yes! The fall term is well under way now, brothers and sisters, with big events coming up—including our presentation of Frozen Ghost in Fed Hall October 23rd. See sister Pat's column for all the glorious details.

The MathSoc-Faculty hockey game I shared with you all the last time we met is still being planned, and we need some more righteous players. I know you all want to get out there and bodycheck—er—stick check those profs into the goal posts of eternity, my friends, so let's get some names! Hallelujah!

Time to mention evil midterms again ... your salvation lies in MathSoc, which provides copies of many revered Math course midterms for those Mathies who have placed their five dollars into the collection plates of the almighty Society. Just bring your card to the MathSoc office, and ask your fellow Society member, the friendly office worker, for your guide to the light at the end of the dark and fearsome tunnel, the course's old midterms. But act fast, for the forces of darkness draw near! I can feel the might of the evil ones gathering, their dark designs crafted and rolling off the presses. Indeed, the air is full of foul talk and treacherous traps, laid to ensnare unwary Mathies and carry them down to perpetual torment.

I'm going to keep this brief, my flock, because we all have further work to perform, and idle hands are the tools of the devil. Mathies must prevail over Darkness and its servants, homework and tests, so make sure to get out to Frozen Ghost on the 23rd ... and Yes! There's a football game tomorrow against York. The Waterloo Warriors in action on the holy gridiron, risking life and limb in the greater glory of our splendid campus. Let's do it one more time! (a favourite turn of phrase of my dear companion Jim Bakker!)

Dave Kirkness

Sauron

and the ghost of L. Ron Hubbard

Party Passtimes

Time to PARTY! The next two weeks are filled with events to help you forget about those midterms that tare fast approaching. MathSoc is presenting Frozen Ghost live at Fed Hall, Friday October 23. Cost is \$5.00 for Feds, \$6.00 for Non-Feds and \$3.00 for Math students. Tickets are on sale NOW in the MathSoc office. Only one ticket will be sold at this price to each student.

The Rocky Horror Picture Show is being presented Thursday November 12 in AL116 by US! All 'participants' will receive a FREE Rocky Horror T-Shirt. Prizes will be awarded for the best costumes. Door prizes will also be given away. The MGC will be selling 'Rocky Horror kits' so you don't have to worry about bringing all that stuff that you are going to throw at people (except maybe the water guns). Popcorn may also be available (maybe). Tickets are available in MathSoc. These will go fast, so come and see us today, we need the money to pay for dee film!! Rocky Horror is always a good time especially if you are a VIRGIN!

Take note: Homecoming '87 is November 9-15. UW is celebrating its 30th birthday this year. Look out for all sorts of posters regarding the weeks events all around that time of term.

Pat Szwyrl

P.S. A long time ago, in a galaxy far, far away, ... (to be continued)

RapidFire

UW's ever-active news service provides the campus papers with a broad range of news tidbits to convey to the readerships. mathNEWS appreciates their work, and of course we credit them when we use their material, as we do here.

Exciting new rubber technology, developed at [UW] ... performs well and has proven highly durable in a wide variety of hostile environments and over a wide range of temperatures (extreme heat, extreme cold)... [and UW] senate has approved the establishment of a Natural Products Research Institute ... studying ... products used in various ways in our lives, including foods, medicines, dyes, rubbers or waxes. (One has to wonder. What are the profs up to around here?)

Dr. John A. Franklin ... with UW's earth sciences and civil engineering departments ... has been elected president of the International Society for Rock Mechanics. (mathNEWS is surprised to learn that there *are* Rock Mechanics. Do they actually repair granite and gneiss, or is it a name for roadies, much like your local weatherman is a meteorologist?)

Dr. W.T. "Bill" Tutte

receives honorary degree

Dr. Bill Tutte, professor emeritus, recently retired from the C&O department, will receive an honorary doctor of mathematics degree. Dr. Tutte joined the university in 1962, and was named professor emeritus in 1986. He may quite possibly be the university's most famous faculty member, and certainly is so among the world's mathematicians. His work has transformed the field of combinatorics—and in particular graph theory and its algebraic counterpart, matroid theory—into an integral part of the contemporary mathematical spectrum. His presence has, over the years, attracted renowned scholars from around the world to this campus.

Among the many honours that Dr Tutte has accrued are: Fellow, Royal Society of London (the only UW faculty member, and one of a handful of Canadians, ever to receive this honour); fellow, Royal Society of Canada; fellow, American Academy for the Advancement of Science; Henry Marshall Tory medal; Izaak Walton Killam Prize; fellow, Trinity College, Cambridge University; and winner of UW's distinguished professor award. On his 60th birthday, two international symposia were held in his honour, one at Cambridge and one at Waterloo. (That's pretty awe-inspiring, but to make it complete : Bill, congratulations from mathNEWS!!)

UW News Centre
w/ Sweeney Todd

Milestones

RESIGNED: Dr. Tom Brzustowski, to become deputy minister of colleges and universities, from his position as vp (academic) and provost. And so we lose another mind-numbing B-name from campus. Things haven't been the same since Lyn got married. Oh, well, there's still J.A. Brzozowski and F.J. Burkowski left ...

DIED: Watman and Duck, local superheroes, of multiple x-acto knife wounds and insufficient postage. A wake will be held for them during Oktoberfest.

DIED: Toronto Blue Jay pennant dreams for 1987, slowly and painfully at Tiger Stadium. Fortunately, pennant hopes for 1988 have sprung up in replacement, and in the meantime ... Go Twins!



DS-INTEGRATION

Prof Quotes

Gee, doesn't the science faculty have boring profs? (Gloat, gloat.) Maybe the editors of Opiss (sp?) would like our rejects. We had 61 submissions this week. Here are some of the better ones.

They've got some good food in the garbage bin next door.

Roosa, Anth 101

My wife conjectures that if I died, my students wouldn't notice the difference.

H. Davis, Math 234A

See this little bit that I just rubbed off?

H.H. Panjer, Actsc 433

What university is this now?

H.H. Panjer, Actsc 433

Other than that, I'm not the only one asleep

H.H. Panjer, Actsc 433

If you and I were to interface in my office, it would mean we'd sit there and bullshit, which is what a lot of modern software interfaces are.

K. Booth (not Frank), CS 131

Let me do this in a more confusing way, because it will probably help you to understand.

L. Cummings, Math 234A

I know because I counted on my fingers to make sure.

C. Springer, Actsc 221

You should be able to do this in your sleep. I don't know what you people dream about, but this should be on your list of priorities.

D. Hemming, Phys 121

That last one was by E-mail, no less, and yes, we're trying to keep it up. The eds.

edLINES

Knowing the Law

Let me set up this scenario: The police have a suspect in a murder case. As such they have obtained a search warrant to look only for a weapon at the suspect's apartment. In the course of searching, they inadvertently discover an undeveloped roll of film. They illegally remove the film, have it developed, and discover pictures of the victim and suspect. I want to emphasize that there is no doubt that the pictures were obtained illegally by the police. You are the judge in the trial that ensues. Now I have a question for you: *Do you admit the illegally-obtained pictures as evidence into the trial?* I suspect many of you would answer that question in the affirmative. Another question: *Would it be morally reasonable to accept these pictures as evidence?* This question is somewhat judgmental, but I would think that many of you would not morally object to the acceptance of these pictures as evidence.

In a recent Canadian murder trial, a situation similar to the above actually occurred. The evidence was accepted by the judge. It was decided that accepting the evidence would not bring "the administration of justice into disrepute". Before the Canadian Charter of Rights, the pictures would have been accepted without any question. In the

U.S., the situation is completely different—the evidence would not have been accepted.

My point? Many Canadians have misconceptions about their own legal system due to exposure to American media. This is unfortunate since the Canadian and American justice systems differ in their fundamental natures.

To make this clear, I'll state two considerations necessary in making and administering laws: the protection of society, and the freedom of the individual. These ideas greatly overlap (try putting a criminal into jail without imposing on his freedoms), therefore it is necessary to compromise and balance as much as possible between the two. The U.S. system leans more toward the freedom of the individual. Historically, the Canadian system has swayed more to the protection of society. With the Charter of Rights, though, a more harmonious compromise has been attempted. According to the Charter, legislation must be "reasonable, prescribed by law, and demonstrably justified in a free and democratic society". This concept is best shown with the RIDE program. There is no question that a breathalyser test infringes on a person's rights;

however, with the crisis that drinking and driving has become, the RIDE program is reasonable and justified.

The power of the Canadian Charter of Rights is shown by the number of laws that have been invalidated (or at least challenged) because of it. In the first 90 years of the American Bill of Rights, only two pieces of legislation were invalidated. In the U.S. there are more loopholes and the Bill of Rights there is not quite as official as the Canadian Charter of Rights.

The situation in Canada hopefully will lead to a set of laws and legal rules that are reasonable for the current times. Already, the system is working quite well: the vast majority of criminal cases brought to trial lead to a conviction of the accused. This is due to the fact that the Crown attorneys know what they must prove and they also know what evidence they can reasonably present without it being disallowed due to some strange loophole in the system.

(For those of you who are interested in the legal process, UW offers two courses: P SCI 291 and P SCI 292, both of which I recommend for interest sake and for boosting your average)

Frank Letniowski

Free Trade

An Opinion

By the time you read this, or soon afterwards, the details of the new free trade agreement should be announced. It is an agreement reached in the new style of Canadian negotiation—by bleary-eyed men and women in the early morning. Following in the tradition of our "kitchen compromise" constitution and the Meech Lake Discord, notification to the US Congress of the deal came at 11:54, 6 minutes before the expiry of the Oct. 3 deadline set by the US. Both sides worked long, desperate hours to finish the agreement in time. Can a document that is a product of tired and desperate minds nonetheless be a source of fresh hope and new ideas?

History will probably find that the agreement is good for Canada. Both opposition parties say no—they would rather continue relations with the United States as they are now. A noble goal, but a foolish one. The US Congress will shortly have before it an omnibus trade bill—over 1,000 pages in length. This document may be one of the most fiercely protectionist packages ever considered. The package may or may not be a mistake for the US, but there is little doubt that it will pass. The plethora of new tariffs,

countervails, and other restrictions on trade will strike every country equally—unless Canada is protected by a free trade deal. Numerous planned expansions, such as a 400-job National Sea Products plant in Lunenburg, Nova Scotia, hang in the balance. These plants would end up in the United States without protection from American tariffs. Certainly, a few US plants may not expand here, because we will have no border duties blocking their goods coming north, but the majority of trade will flow the other way, south across the border to the US. The Economic Council of Canada predicts that free trade will provide at least 189,000 jobs, and up to 350,000, by 1995. These are all jobs which we would not otherwise have, not counting all those we would lose when the US border clangs shut. In broad economic terms, free trade saves us from economic stagnancy or collapse caused by the end of access to the US market. But what are the costs?

Only the general provisions of the plan have been announced at press time. On the plus side, the Americans have agreed to a bilateral "court of last resort" with binding power to settle disputes, so that both sides will be treated fairly. Tariffs will be phased

out over a ten-year period, and the vulnerable Canadian beer industry is specially protected. On the minus side, the government has agreed to make "minor changes" in such vital legislation as that governing our auto industry and our investment regulations. Not only will the Americans find it easier to invest here, but they will find that our culture did end up on the block—changes to bill C-58, our cultural protection bill, will be made. Canadian content requirements and advertising restrictions will likely both be relaxed. This will mean increased American influence in our media, at the cost of less Canadian materials being released.

The Mulroney government feels that it has gained salvation for many Canadian jobs and industries, at the acceptable cost of more US control over our finances and culture. While protecting our feeble corporate base from collapsing, our culture may vanish like thin mist at sunrise. Only time will tell if we have sold our nation's soul for money. Just in case, you might like to practise this:

"I pledge allegiance to the Flag of the United States of America, and to the Republic for which it stands, one Nation under God, indivisible, with liberty and justice for all."

Sauron

Health & Fitness



Waterloo, the final frontier.... These are the voyages of the W.U.C. Watprise on a continuing mission to explore new faculties and make contact with strange frosh everywhere.....

(theme music)

The Cast

Captain T.J. Jirk, captain of the Watprise
Mr. Shlock, first officer and mathematics officer
Dr. "Boner" McToy, chief surgeon
Mr. Scotch, chief mathematician
Lt. McGuckies, communications officer
Mr. Yahu, navigation officer
Mr. Gorbachev, weapons officer

The Story

Captain's *In* Watdate 871016.23: We have been ordered by the dean's office to goto the MC building to investigate reports that 4 unknown persons are causing a major disturbance.

"Mr. Yahu. How long until we reach the MC building?" asked the Captain of this great ship.

"Unknown Captain. We are experiencing difficulties with the engines!" replied Mr. Yahu.

Pushing the intership intercom system activation button, the Captain said into the intership intercom system, "Mr. Scotch. What is wrong with the engines?"

"We are having problems with the quadrillium crystals. Because of the budget cuts, we received a shipment of inferior crystals, and I am havin' problems installing them." came the response from Mr. Scotch over the intership intercom system.

"How long will it take to install them?" asked the Jirk.

"I need 7 hours sir."

"We don't have 7 hours!! We have to get to the MC building in 4, so I will give you 3 hours." commanded the Captain.

"But Captain...."

"No buts, Scotch. Jirk out." Turning to Mr. Shlock, the Captain said,

"Mr. Shlock. While we are waiting, I would like to know if you have recieved any more information on our mission."

"Lt. McGuckies has sent copies of all of the conflicting reports about the disturbance to my computers, and they are trying to make sense of them." A few seconds passed, and then the results appeared on the screen. "It seems that two of the four persons causing the disturbance are carving people up with x-acto knives!?"

"X-acto knives!?! Gods, the students these days are weird!" exclaimed the shocked Jirk. "I guess we will have to wait to find out exactly what the Dean's Office has gotten us into."

Two hours later, the following message came over the intership intercom system from Mr. Scotch, "Scotch to Captain, the quadrillium crystals are installed. Scotch out!"

"Good." said Jirk, "Mr. Yahu, Warp 3 to the MC building."

After two hours of travelling, Mr. Yahu said "Assuming orbit around the MC building, Captain."

"Lt. McGuckies, inform Dr. McToy that he is to join Mr. Shlock, Mr. Gorbachev and me in the transporter room." With that Jirk popped out of his chair, and headed to the transporter room with Shlock and Gorbachev at his heels.

At the transporter room, McToy was waiting for them. He asked Jirk, "T.J. what's up?"

"A bunch of loonies with x-acto knives are carving up people in the MC building, Boner.", and then to the transporter controller he said "Energize!"

We next see our four transported dudes on the 3rd floor of the MC building, where they see two gorgeous identical females accompanied by a short blond male and a tall scruffy male who are in the process of carving up what looked like an engineering frosh. "Phasers on stun!!" called Jirk, and then he and his three companions jumped into action.

"Stop right where you are!" cried out the two gorgeous females in unison, "The two with the knives are the editors of *mathNEWS*, and they are just cleaning up the place by getting rid of some of the villains from the cancelled *Watman* serial. If you would like to continue being a serial, I would suggest that you stay out of their way."

"It seems that we don't have much of a choice, Captain. I suggest that we go back to the ship and get some sleep." stated Mr. Shlock.

"Damn it, T.J., we can't just let them hack them up with those x-acto knives!!!" exclaimed McToy.

"Yes we can, I have already been in two cancelled series, *Star Trek* and *T.J. Hooker*, and I refuse to be cancelled again." said Jirk. "Jirk to Watprise, Four to beam up." And with that they disappeared, as the two *mathNEWS* editors turned on the *mathNEWS* writer named David, who is a suave dude, and hacked him to bits.

(theme music)

And the voyages continue.....

Cackler

Jane Bond — 00i

K's face was lined with worry as he briefed his top agent, Jane Bond, on a singular occurrence. Her code number, *00i*, gave her identity as one of Math's most complex operators—charged with defending Math against threats to its integrity.

"We've received a parallelogram from Euclidean Norm. He's the head of *SOIMFOCT* the Society Of Involved Mathies For Overthrowing Computer Tyranny. He says he's brainwashing all CS students to think like Ian Burnham, so they'll all join the engineers and leave Math." K's face assumed a transcendental expression for a moment, but then resumed its composition. "We can't allow that. Trace and terminate his plot."

"Any other clues, K?"

"Just this e-mail that all CS students got: THINGS WILL GO TO GOOD FROM WORSE WHEN MATHIES LEARN TO THINK IN VERSE. THE SKY SHINES ON YOUR OPPORTUNITY. JOIN ENGINEERING AND BE FREE. Looks like the work of Engineers, and Artsies too."

"Uh. We'll see, OK, K? Bye."

Jane left campus to think, and came back about ten pm outfitted in black. After two hours camouflaged in front of Fed Hall, she walked a path back to the Davis Centre at midnight. She arced a loop of cord around a funnel, and scaled the structure.

Sneaking in through a broken glass pane, Jane slunk down the hall, but was spotted by a guard.

"What's your identity?" he asked, but then noticed the rotation of her hips in the green starlight. All duties forgotten, he tried to be debonair. "Cauchy-Schwartz avec moi ce soir?" he asked.

"How characteristic. All men are pigs." she replied as she kicked him in the conjugate transpose, rendering him idempotent. "Only interested in linear relationships!"

Soon she found a lighted area, and burst in to find a huge operations room. Before she could react, guards trained Gaussian Eliminators on her. From behind a wall chart showing the projected excess salaries of Actuaries over CS students, Euclidean Norm

continued on page 6

continued from page 5

stepped out. The room grew tensor as he spoke.

"Miss Bond, how nice. Welcome to the upper echelon. What's a normal girl like you doing in a perpendicular place like this?" Norm chuckled. "No matter. I, Euclidean Norm, will soon have split CS from Math. The no one can stop me! The Math building will be adjoint to be proud of!"

"Sorry, you rank villain, your airy equations mean nothing to me. Your ODE-us plan doesn't interest me for a moment." With that, Jane grabbed an annihilator, and began reducing SOIMFOCT to zero. But Norm grabbed a second annihilator and angled out the door, crying "Ah! A dual! Ooh goodly!"

Jane chased him through the half-completed Davis Centre. Suddenly, an annihilator blast almost transformed her conic sections. Jane leapt into eigenspace, grabbed a tuple of beams, and landed behind Norm. A quick kick sent him to nullspace.

Later, Jane explained it all to K. "Elementary, a basic solution. Once I realised where the SKY SHINES, in the Davis Centre sky tubes, it was easy. All that Artsie/Engineer stuff was to throw us off. INVERSE gave it away, Norm meant INVERSE, signifying his skewed dream of a return to real math. He's being held now in the new prison we've made from Watman's old hideout, the new ConCave." She smirked. "I guess that's one con, vexed."

Jane ran from K's office, pursued by a hail of yellow shoes.

The Chuck er

Life With dan

This week:

dan Gets Kidnapped by Science

There was a time, and it wasn't long ago, that a man with a mohawk walked the halls of the campus. Surely there have been other people with mohawks in the past, and it is certain that there will be others in the future. This man was not like any other mohawked individual, though. His hair colour changed as frequently as mathNEWS was published. dan was the name of this man, affectionately known as (well, not too affectionately) lcd, meaning lower case dan. These are his adventures, and this is Life With dan (a new serial).

As the sun rose one fine October morning, all appeared normal at The Cockroach Towers. The morning dew was glistening on the grass; the birds were singing gleefully; the

roaches were just returning to their homes within the cracks in the walls. Everything was just as it should be. There was no warning as to the events that would transpire over the next 24 hours: Events that would be remembered for a long time, and would reach legendary proportions.

Suddenly, the joyful singing of the birds was interrupted. A slight click was heard, and then the piercing sounds of the punk band GBH filled the air. A strange groan was heard - it seemed to emanate from under a lump of blankets. The lump rolled over and sat up. It was dan, his mohawk suffering from a severe case of bedhead.

dan had been out drinking two nights before. He was just now regaining consciousness. As he crawled to the washroom, he thought that it was rather strange that he should do this to himself. But then he remembered who he was, and he erased the thought from his mind.

He struggled to bring himself to his feet. He gazed longingly into the mirror, and wanted to crawl back into bed. dan grabbed his toothbrush and started the rhythmic stroking of his teeth. After about a minute, he spat out what he so recently had thought was toothpaste all over the mirror. He grabbed the tube, trying desperately to focus on the label. After a few moments he succeeded, and said aloud, "Rub A-535? What a dumb fuck!"

After a hot shower, dan managed to recompose himself. He found his way over to the cupboard where he stored his Miss-Punk-Clairol. He shuffled through the boxes, trying to find the colour of the week. Alas, it was not there. dan shrieked, "All right! Who stole my blue hair dye?!" After much taunting, dan's roommates returned his hair colouring.

It took dan only 30 seconds to apply the new colour. He had become quite efficient at the task over the past three years.

As dan made his way across the campus he noticed a large gathering heading towards him. He veered to the right, and the mob followed him. They were chanting, but dan couldn't make out what they were saying. As he came closer, he began to comprehend the nature of their rally. The chanting began to grow louder and louder. It was almost unbearable. dan looked once again at the crowd. They were being led by a small, flightless water fowl with a weak bladder, known as Opiss. Every member of the group was holding a book. Some were chemistry books, others had physics, and still others had reptile anatomy books.

The chanting of "Death to dan!" was a fierce and violent one. The calmness of the morning seemed eons away at this point.

The crowd surrounded dan. He was hoisted into the air, and was carried off to a laboratory somewhere inside the Chemistry 2 building.

dan inquired as to the meaning of his abduction. Brennan Hemman, the SciSoc prez, retorted, "Shut the fuck up!!" as he pointed his index and middle fingers at dan's face. "You will talk only when we tell you to ... hey, whose breath smells like winter-green?"

Brennan then explained, "We are going to take over the campus. We are tired of being the stupidest faculty - so we are taking over. Our leader Opiss has devised a plan that will wipe out the entire campus-- except, of course, the science faculty."

Just then Opiss returned from the washroom and took over from Brennan to reveal the finer points of the plan to dan.

"Through my studies of physics, chemistry, and biology, I have gained vast resources from which to draw upon. One night a month ago, I had a dream. I didn't understand the meaning of this dream until a math frosh, with a silly pink tie, stepped on my tail feathers. I then began to formulate. For three straight weeks I've been working on this and finally, the end of my dream is in sight. All I need is a strand of blue velvet - sorry, did I say velvet? I meant hair. All I need is a strand of blue hair, and the device will be complete."

Brennan took a pair of tweezers and plucked a hair from dan's coif. "Ouch!" exclaimed dan.

dan was then released, fleeing in terror. dan ran as fast as he could to escape the catastrophe that would soon occur.

Meanwhile, back in C2, Opiss was about to add the blue velvet, er, hair to the contents of a very big vat.

As he did this, a huge explosion rocked the lab, shattering it into tiny pieces. Opiss, crawling out of the rubble, gazed around. There he saw the math building was still erect, as were the other faculty buildings.

"What could have possibly gone wrong?" mused Opiss as he headed back to the washroom.

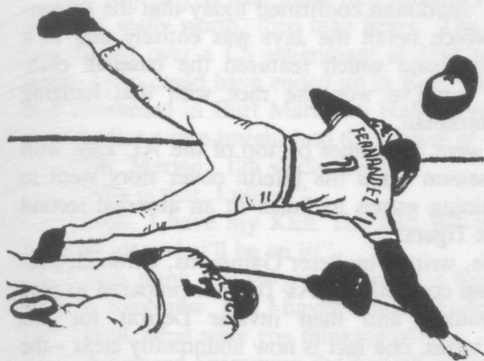
dan, just arriving back at The Cockroach Towers, was in a panic. He ran up the stairs to the apartment, opened the door, and proceeded to hide under his bed. His roommates grabbed him by his red high-tops, and pulled him out. dan explained what happened. His roommates laughed. They told dan to go look in the mirror. dan did this, and soon realized that his mohawk was no longer blue.

"You see, dan," his roommates explained. "We put vanishing ink in your hair dye bottle this morning. It was just a joke - we never thought you would take it this seriously!" They laughed hysterically, but dan realized that their actions had inadvertently prevented a disaster. The lack of blue colour in his hair caused a violent reaction with Opiss' formula, rendering it useless.

And the rest, as they say, is history.

Jeffrey Beaumont

Sport



polynomial TIME's Vote for MVP

It has long been a tradition that baseball's MVP award be given to the player that has had the most positive influence on his team's fortunes. In other words, it should be awarded to the player whose team, were he not there, would not be in the position that they reached.

In light of that, we believe this year's MVP was decided on a single play. In a game on September 24th at Exhibition Stadium, on the beautiful shores of Lake Ontario, former NL batting champion Bill Madlock of the Detroit Tigers took a very wide slide attempting to break up a double play. Not only did he break up the play, but he also broke up Blue Jays' gold-glove winning shortstop Tony Fernandez.

Fernandez underwent surgery that night, and was lost for the balance of the season. Tony (whose minor-league nickname was Glass, due to his frequent injuries), should be healed in time for spring training.

After the injury, the Jays went on a 3-7 tear to finish off the season; the final 7 losses coming consecutively. This enabled the Tigers to climb from second place and win the division by 2 games. No doubt Fernandez's injury contributed to their fold-up act. There were other choices for MVP that we considered - George Bell was a leading candidate all year. (No doubt he helped decide the pennant race.) But Bill Madlock was the determining influence, and he gets our vote. He joins Bill Buckner (1986 World Series MVP) and Steve Smith (1986 Stanley Cup Playoffs MVP) in our Sports Hall of Fame.

Home Run Baker

Ethics

Joe, We Hardly Knew Ye

A Farewell to Joe Biden

"The world will little note nor long remember what is said here." Perhaps Joe Biden could take heart in that quote from Lincoln's Gettysburg Address. Considering the events of the recent past, that's all he would be advised to take from it. Twenty years down the road, the aborted presidential campaign of Joe Biden will remain a footnote in history, remembered only by trivia buffs and curiosity seekers. His campaign speeches will remain historic, however, made historic by those who delivered them in the first place. For Joe Biden was the ultimate opportunist, never one to forget a good idea, or, even better, include it in one of his deliveries.

Senator Joseph Biden could have been a contender. A Senator for the last 15 years, he was still young enough (44) to win over support from youthful voters, but experienced enough to know the political ropes. His great P.R. triumph was to have been the confirmation hearings on the Supreme Court nomination of Robert Bork. Biden could have assumed the role of the great white knight, defending the values of liberal democracy against the looming threat of conservative jurisprudence. He was an articulate spokesman for his causes, a strong debater and a captivating orator. One could be excused for being reminded of Jack Kennedy - especially considering what was being said may have had a slight ring of familiarity to it. A peculiar sense of *deja vu* shrouded his campaign, and a quick check of the video tape archives was sufficient to explain it.

Perhaps, in the long run, there is nothing unethical about copying a good idea.

After all, how many times have we said, "I wish I had said that"? Joe Biden took it a step further. He said, "Hell, I *will* say it." Biden was not a man to mince words - he simply copied them out verbatim. But again, is there anything wrong with that? Perhaps not, but there is something wrong with getting caught. The general public is not as naive as Joe Biden may have thought. A few people on this continent have heard of Neil Kinnock, and the odds are rather small that Mr. Kinnock's speech would go completely unnoticed by the entire American public. We live in the age of mass media, where one statement can be verified and cross-referenced in a matter of minutes. It is no longer safe to assume that a particular source would go overlooked - including college grade reports, which drove in Biden's coffin nail. Copying speeches may be amusing, but call it plagiarism and suddenly it looks ugly. Integrity is the most important asset of a presidential candidate, and once it comes into question, his campaign is on weak ground.

Maybe Joe Biden's departure has deprived us of a few great moments. We may have lost the opportunity to re-live Martin Luther King's "I have a dream" speech, or be inspired by Churchill's "We shall fight on the beaches." Perhaps Biden's inaugural speech, should he have been elected, would have reminded us that the torch has been passed to a new generation of Americans. Or perhaps that the meek shall inherit the earth. Alas, this is not to be - for we won't have Joe Biden to kick around anymore.

J. Edgar Ford

The 1988 Math Grad Committee is holding a

*** PIZZA DAY ***

When: Wednesday October 21
Time: 11:20 - 2:00
Place: outside Math C&D
3rd floor Math Building

Price: \$ 1.00 with MGB button
\$ 1.50 without

MGB Buttons: Math Grad Ball Button, \$ 1.00 when you buy your pizza.

Come out and feed your face and support your Math Grad Committee.

Sport

Warrior Football Hierarchy

The editors of this newspaper asked me to write a short article about the Warriors/Mustangs game, since I was actually there, instead of watching the baseball game. I really didn't know how to tackle (oops, sorry) it so I thought I would read the article from the writer in the (yuck!) Imprint. Well, the facts were right, the headline was misleading (I didn't see a "trounce"), but boy, was it dull. So instead, I would like to look at the game relative to my Warrior Football Hierarchy.

THE FANS—Why are they first? Well, because I was one of them and we really weren't expected to be there. (We actually paid \$5.50 for this) Points go to VI for organising a good busload and modifying Math songs to cheer on the Warriors. Even though the game wasn't the most enjoyable, the cheering dancing, and singing in the stands showed the 'Stangs fans how to have a good time.

THE BAND—the Warrior's Band is something every UW student must experience to appreciate. Even though yours truly sees football season as the band's warm up for the Naismith, the band isn't sounding too bad early in the season. It continues to provide amusement and enjoyment to all who listen to classics like Hawaii Five-O, the bird dance, TV themes, and the inspiring rendition of (Let It Snow)**3 at halftime.

UW CHEERLEADERS—Although seen as a paradox (UW football does not = cheering), the team of 6 women and 5 guys have greatly improved from last year with new people and more experienced leadership. Special congrats go out to Linda for Jello (another must experience) and Karen for flying so high.

THE TEAM—Well, so they have lost all their games so far. SO WHAT!! We're used to that. But so far this year they have shown every team a hard time, losing to Mac by one point and to number one ranked Western by a smaller margin than Windsor did, and they were tied for #1 going into that game.

PREDICTION—We're going to beat York this Saturday.

THE OPPONENTS—The 'Stangs deserved some applause for some stunning plays and putting on a good defensive show that all but shut down UW's attack.

THE OPPONENT'S FANS—Too boring to comment about.

THE OPPONENT'S STADIUM—Maybe Seagrams isn't the best, but J.W. Little is ridiculous. For \$5.50, we expected a dome, or at least padded seats. Instead, we got clean 2x6 plank seats, high price food, and body searches at the gate. (Cute searchers though)

THE OTHER BAND—The Western Band reminded all of a bad American college band doing a half time show, we went to the wash-room out of habit.

THE OPPONENT'S CHEERLEADERS—This coloured co-ordinated group of approximately 40 good looking guys and gals make watching the action (or lack) on the field worthwhile. The lack of originality shown in their cheers is only matched by their lack of class shown by accosting UW band and cheerleaders while they were taking their traditional UW touchdown lap.

(P.S. Good taunting was shown by the UW fans.)

Anyway, this is what I saw at the game...this and the fact all the UW fans had a good time. And so might you if you take the time to experience Warrior sports. We play our final home game against York at 2pm this Saturday at Seagram Stadium. This could be the game the Warriors break out of their slump of (mumble, mumble, mumble) losses. Wouldn't it be great to say you were there. I know I will be.

Ras'tis

S. I. Cover Hex Jinxes Jays

OTTAWA (mNWS)—The Toronto Blue Jays' public relations director Howard "Howie" Starkman confirmed today that the season-ending "pennant dive" which befell the Jays was entirely due to a Sports Illustrated magazine issue which featured the baseball club. "There was no way we could've won the race with that hanging 'round our necks," said Starkman.

The Blue Jays, who were 3.5 games on top of the AL East with seven games left in the season when the fateful cover story went to press, lost all seven remaining games to finish in an abysmal second place to the (SOB) Detroit Tigers.

The destructive article, written by Peter Gammons, chronicled recent Blue Jay successes and concluded, "As Toronto prepared to play three games with Milwaukee and then invade Detroit for this weekend's season-ending series, one fact is now abundantly clear - the Blue Jays have what it takes to win, for sure."

Gammons, when asked to comment on an alleged link between the Toronto collapse, his article in SI, the occult and a wide American conspiracy to prohibit a non-American club from making a World Series appearance, stated "I don't, heh, heh, think so."

Blue Jays first baseman Willie Upshaw claimed that he was too busy supplying quiet leadership during the stretch drive to notice "anything come over the clubhouse." Right fielder Jesse Barfield added that "Any hex, or whatever, if there was one, won't have no effect on our guaranteed contracts anyhow." None of Toronto's Latin American ballplayers could be reached for comment.

Mackenzie King's Ghost.

Press



OPUS - a brief review

mathNEWS notes with some interest the arrival of *OPUS*, the new Science Society newspaper. Although their publication shows some of the layout errors (Froshweek...) and repeated text blocks that plague a new paper, *OPUS* seems to be a solid effort. We can't help but notice a similarity to some of our features, such as LookAhead and Prof Quotes, but we choose to take that as a compliment. Of course mathNEWS, home of Prof Quotes Classic, still continues to accept quotes from all faculties ... maybe we'll forward ones we can't use to *OPUS*. Anyway, it's a clean, neat publication, with cogent articles and what seems to be an even coverage of Science events. They ought to at least credit "borrowed" cartoons, though. Welcome to the fold, *OPUS*, and carry on ... but do give credit where credit is due.

(*OPUS*™ copyright Berke Breathed, from "Billy and the Boingers", (Bloom County), 1987)

A Hard Day in the Life

A Rec Student

To any of you who think that studying Math is much more work than it's really worth, then take heart. The next time you find yourself slaving over a CS assignment at 3:30 am, remember it could be worse - you could have ended up in Rec. What follows is a conversation overheard in Burt Matthews Hall between two Rec majors, and should offer a rare insight into the rigours of their program.

"Oh, Marvin. I'm so distraught!"

"Why is that, Luther?"

"Well, I have my Kick The Ball 101 midterm tomorrow, and I have no idea what'll be on it!"

"You think you've got it tough! I have to preregister for next term by tomorrow, and I haven't decided what I want to take yet."

"Well, what were you thinking of?"

"Advanced Swimming the Length of the Pool 282 looks interesting."

"Do you have the pre-requisite?"

"What's that?"

"Advanced Swimming the Width of the Pool 281."

"Oh, damn. I guess it'll have to be Frisbee 230."

"No, Marvin - that's a killer course. You have to write an essay in it!"

"An essay? What are we coming to?"

"And a final...."

"That clinches it - forget it!"

"Why don't you try Tennis 335?"

"Well, tennis isn't really my bag. What I'd really like to get into is a good water polo course."

"That's too bad. They had Water Polo for Beginners 121 a few semesters ago, but they dropped it."

"Why was that?"

"They forgot to list Elementary Swimming 115 as a pre-req. Attendance kept getting lower and lower, and they couldn't figure it out."

"Damn it, this is tough. I should've been an engineer. I've gotta go to my Campfires 303 class now."

"Gee, I haven't been to a lecture in it yet this term. Does it look hard?"

"Not really. The classes aren't really all that important. All you have to do is go visit the prof sometime before the end of the term and share some of life's experiences with him."

"Just like Introductory Hopscotch last year."

"Yeah. You wanna come along today? We're holding the class in the Bombshelter."

"Hey - sounds good."

"Gee, I wonder what the college kids are doing today....."



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September 19th
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Dear Mom and Dad:
Everything here is great, except I can't find the kinds of food that I like!
But yesterday, I was in the 3rd floor lounge of the Math and Computer building. There's this place called the C & D... no, it's not a new hallucinogen, and has nothing to do with perverse sex acts. It's Math Society's Coffee and Doughnut Stand. They have all sorts of great food there.
For breakfast, there are all sorts of doughnuts, muffins and bagels. They have coffee, tea, soup, hot chocolate and all the different kinds of juices you could think of. After a couple of morning lectures, if I'm still awake, I can have lunch there, too. For instance, yesterday I had a salad and a roast beef sub. And there's bunwiches, pop, iced tea... all sorts of stuff!
Don't worry, I'm eating well now. By the way, don't send any money... C & D's prices are the best around.
Your darling Frosh
John Thomas

Math Society Coffee and Doughnut Stand
Mon.-Fri. — 3rd Floor Lounge — M&C
8:30 a.m. — 4:30 p.m.

Why not drop in for a bite today?

C&D is run entirely by the University of Waterloo Math Society — an independent food outlet.

masthead

It's just after 1:00 am and I've finally imagen'ed for the second last time. It's been quite an issue—we received a hell of a lot more articles than we have room or money for. Too bad we can't transfer these articles to the summer term.

Our dedicated staff has dwindled a little from last issue, consisting of Ted Timar, Chris Fievoli, David Treble, Rick McTavish, BROCK JOHNSON, Jim Boritz, Ivan Simon, Trevor Green, Edwin Hoogerbeets, and cameo by John Thomas. We also thank the contributors: Jeffrey Beaumont, OPUS, C&D Groupie, OLAM, Sweeney Todd, the profs, the Chucker, Sauron, J. Edgar Ford, John Herbert & Wayne Freick & Ross Orritt, Pat Szwyro, MLE (emily), Home Run Baker, Otto Diswerld, Ras'tis, Mackenzie King's Ghost, One-armed Phil, MGC Person, Dick Heckstall-Smith.

mathNEWS sends its best (which doesn't mean very much) to one of its dedicated staffers who will be recovering from surgery when this is printed.

I've been much too serious but I'm sure Stuart will think of something (my brain's been fried tonight). ... Okay, I (Stu) was late, so I get stuck on the end. Gotta thank Marion and Graphic Services, and DCS, and the loyal staff and readers. The Health&Fitness section contains our nutritious new cereals, so let us know which ones you like! Also keep those Prof Quotes coming to the home of Prof Quotes Classic, mathNEWS. Hmm. Haven't done anything too sordid lately, so I better get to it, or else I'll get drafted to run in '88. Now, if only those nutritionist gals were about somewhere ... see you in two weeks! Frank & Stuart.

Faculty of Mathematics

Dean's Honours List

In recognition of outstanding academic achievement during the Spring/87 term, the following students qualified for the Dean's Honours List:

Anderson, Christine M.; Arthur, Kevin Wayne; Bailey, David Anthony; Bailie, Alison Jane; Bain, Michael Peter; Balkwill, Michael David Robert; Benjamin, Anthony Justin; Bertrand, Philippe F.; Boettger, Christine M.; Bradford, Ruth Susan; Chiu, Barbara; Chiu, Yee Wan; Danzig, Ian; De Vries, Gerda; Doniz, David Antony; Fedorowicz, Richard George; Ferguson, Kevin Stanley; Fowler, Barry M.; Garland, Richard A.; Giguere, J.Y. Eric; Glaum, Michael; Gloin, Laura Elizabeth; Goh, Yang Hwa; Gossling, John Richard; Goudeseune, Camille Martinus A.; Graham, Sandra Lynn; Haider, Mansoor A.; Hilchie, Robert William; Hon, Yat Ming James; Haung, Li Ming; Huynh, Yen Luong; Jans, Gordon Robert; Jaubert, Fabrice; Jesty, Bradley Keith; Kachura, Alexander Tomas; Lamb, Julianne Krystal; Laver, Richard Stuart; Lovell, Mark William; Lunney, Michael E.; Malchiondo, Mark E.; Manktelow, Blair; Martin, Charles; Martin, Darcy Lynn; Miller, Daniel James; Molyaner, Lev; Mounsteven, Ross Robert; Mueller, Stephan Brian; Naterer, Gregor; New, Gregory Alan; Nock, Paul J.; Nowak, Grzegorz Piotr; O'Bright, Catherine Madeline; O'Connor, Robert John; Oja, James Andrew; Plut, Margaret Dajana; Pond, Christopher Burke; Pun, Amy Kong-San; Rubin, Sara Louise; Ruuth, Steven John; Sales, Christopher Taylor; Schoedel, Kevin Paul; Scheidow, Thomas Gordon; Smirios, John C.; Smith, Stephan Andrew; Smith, Wayne Duncan; Stockie, John M.; Summers, Jim; Swift, Sharon Lynn; Thomas, Stephen M.; Tron, Andrew W.; Truchon, Francois; Waddington, Geoff M.; Walter, Gottfried Robert;

In recognition of outstanding achievement during the Fall term, the following student has been added retroactively to the Dean's Honours List (Fall/86): Miller, Daniel James

In recognition of outstanding academic achievement throughout their undergraduate careers, the following students have been added retroactively to the list of those who "Graduated On The Dean's Honours List" at Spring Convocation, May 30, 1987 and their names will be displayed in gold on the walls of the Faculty Colloquium Room (MC 5158):

He, Kenny Xiao-Feng (Computer Science and Operations Research)
Vuong, Sang K. (Combinatorics and Optimization/Computer Science)

UltraClassifieds

UltraClassifieds are presented as a free service to Math students. If you have anything you would like included, write your ad down on a piece of paper and submit it under the door of the mathNEWS (not MathSoc) office MC3036 or in the MathSoc office.

Room for Rent: available Oct 9/87 - single, carpeted, furnished room - shared kitchen, bath, laundry fac. & parking - non-smoker, abstainer \$270/month call Pam at 54 High St. 747-1464

Notice to D.Menezes, please contact Parkside to collect your mail. It is starting to pile up. -RAUTAPURO-

Wanted: one shrubbery. Send to the Knights who until recently said nee.

In Memoriam: Wat & Duk, we love you. Mr. & Mrs. Arthur Huberty, Gull Lake, Sask.

Happy 19th Birthday to Tom Vanderloo. It was a great party last Wednesday. mathNEWS staff

Happy 23rd Birthday Nichola Bell on Oct 25th - D.

Mon: <think French and pat your head> ptthhhh...

I wave my private parts in your general direction!
From me. (Deep, eh?)

Guiding the Misguided

Just about this time every year, after our frenzied frosh have finally found their way about campus, a series of common questions arise. It has taken us many long hours of research, but we have finally come up with the answers.

Here is a list of the most commonly asked questions addressed to us by our frustrated young frosh. . .

1. I'm a 1A Electrical Engineering student and I've got a problem. I read somewhere (ed. note—probably on a bathroom wall) that Engineers are supposed to be socially stupid. My problem is I have lots of friends. How can I get rid of them so I can be a true Engineer?

Perry Plexed
1A EE

answer—Just ask Doug Thompson of the Imprint staff. He has a sure-fire method for losing friends.

2. I've noticed that all the clocks in MC emit a loud buzzing sound whenever the time approaches two minutes to the hour. What is this noise, and will I have to know the proof for finals?

Gene Keene
1A 'non-specialist'

answer—The internal circuitry in the clocks is IBM. Normal clocks chime on the hour, but, in an attempt to stay ahead of the competition, IBM has chosen to set their clocks to sound two minutes ahead of competitors. Incidentally, clocks in the BillDing were designed by DEC and will chime at five to.

3. I understand that UW officials have taken precautionary measures and are preparing the campus for the event of a nuclear war by installing a bomb shelter. Where can I find it?

Artie Phartie
1A English

answer—In CC, but you have a better chance of getting blasted inside than out. For antinuclear protection stick to the Imprint office (other side of CC). The Soviets only bomb areas inhabited by intelligent life forms.

4. I noticed they're building a new Eaton Centre behind MC. When should we expect to see it open?

Ima Frump
1A Arts

answer—Just after the Soviets bomb the Imprint office.

5. Is there any truth at all to the rumour that Hollywood producers wanted to film the feature film "Labyrinth" on the sixth floor of MC?

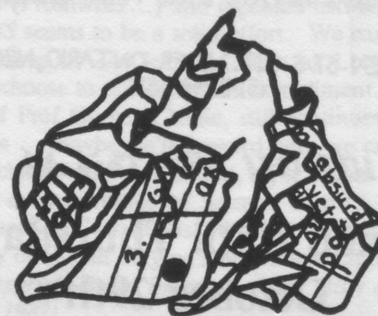
Jacques Strap
1A Math

answer—Well, not exactly, but. . . Harrison Ford was considering it for his next movie "Indiana Clones and the Temple of Rooms".

We'd like to thank all the inquisitive young frosh for contributing. We hope all your questions are answered, and we wish you best o'luck on your midterms!!!

See the next mathNEWS for the possibly exciting but definitely nauseating story "Diary of an Artsie" featuring an on location interview in Campus Centre with a real live Arts student. (Well, it'll be on location if you read it in CC.)

OLAM



Pascal—the Real Story

This is the first of (hopefully) a series of articles outlining the basics of Pascal, including the stuff that the Prof's wouldn't tell you.

The first thing you should know is that there are different types in a Pascal program. There are the types real, boolean, integer and char.

Integers are honest, hardworking variables who know what they are and who they are and how to get where they're going. Typical integer variables have names like "Bill" or "Henry" or "Carole." These variables participate in all sorts of legal activities--addition, subtraction; you know, typical variable things.

Real variables are called real because they're "real tough." They are members of the underworld of Pascal types. Real variables are often named "Vinny" or "Bull" or "Linda_the_knife." Real variables are very frequently involved in shady dealings, like the coercion of integers in order to legitimise operations that would normally be illegal.

For example, integers of questionable moral character (otherwise known as "undefined" values) are often coerced for use in some illegal assignment which has been planned by the real criminal element. If an integer can be coerced enough times, then experience shows that it might as well be treated as a real variable. This process is called promotion.

If a law-abiding integer refuses to be coerced by the unsavoury real elements, gang-land style harassment soon ensues. Frequently, many statements must be executed before a respectable integer will give in. In those cases when an integer is constant, technically known as const, the real variables will often give the integer one last choice known as the boolean condition.

If the answer to this question is false, then in most instances, the integer is brutally char'd by the reals. For an answer of true, the integer is invariably promoted, and added to the growing list of fallen variables, known as an array of the "base" type real.

In some lucky instances, variables of which request to remain nameless (known as anonymous types) volunteer information which helps in the apprehension of the worst (or "undefined") offenders of type real.

Next time we'll look at the financial and legal ramifications of scope and inheritance for procedures in a Pascal program.

MLE
(emily)

Theorem of the Week

Proof:

$$\begin{aligned} e^{2\pi} &= e^{-2\pi i^2} \\ &= (e^{-2\pi i})^i \\ &= [\cos(-2\pi) + i \sin(-2\pi)]^i \\ &= 1^i \end{aligned}$$

$$2\pi = i \ln 1$$

$$2\pi = 0$$

$$\pi = 0$$

Corollaries:

0 is transcendental.

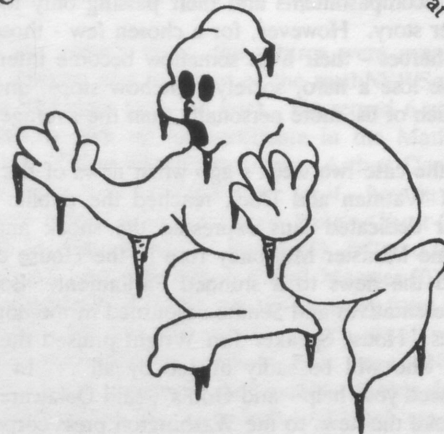
All circles are flat.

Otto Diswerld

Frozen Ghost at Fed Hall

Friday, October 23rd

Doors open at 8:00pm



TICKETS: \$5 Feds, \$6 Non-Feds

MATHIES \$3

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Obituary

The Death of Watman

A Nation Mourns

It could be said that we have a double standard for those whom we hold in the public eye. For the majority, their lives are merely curiosities; their accomplishments and their passing only footnotes to a seemingly larger story. However, for a chosen few - those few whom we see as our heroes - their lives somehow become intertwined with ours. When we lose a hero, society somehow stops, and his or her death affects each of us; more personally than the average person ever could.

Such was the case two week's ago when news of the sudden and tragic death of Watman and Duck reached the public. Across the continent, their dedicated fans expressed the shock and dismay at their loss. Prime Minister Mulroney rose in the House of Commons and announced the news to a stunned Parliament. Both the U.S. House of Representatives and Senate adjourned in memory of the fallen super-heroes. House Speaker Jim Wright praised them as "dedicated fighters, who will be sadly missed by all". "In this time of crisis, we will need your help - and God's", said Delaware Senator Joe Biden as he broke the news to the Washington press corps. The news hit especially hard to the average citizen, to whom Watman and Duck were so dedicated.

Arthur Huberty is a squash farmer in Gull Lake, Saskatchewan. "My wife was the one that told me what happened to Watman. I was out in the fields when she came running out of the house. She was crying, hysterical. All she said was 'It's Watman....' That was all she had to say - I knew the rest. We gathered the family together and watched the news on T.V. all weekend, over and over, and we just held each other and shook."

"I'm just in shock - total shock", said John Arruda, of Rocky Hills, Connecticut. "He seemed undefeatable. I will always remember Watman as the strong, silent protector of society. He seemed like a true friend to all of us, like a member of the family. He treated Duck in such a kind, fatherly way. Sometimes I wished that he was, you know, a brother to me. He had that effect on you."

As much as Watman and Duck were well-loved, they had their detractors. "Good fer 'em", said Ron Obvious of Fredericton, N.B. "I hated 'em. Couple of bloody do-gooders. I wish I coulda been the one to slash 'em to bits. You want a national hero? To hell with Watman. I tip my hat to the guy that cut them up. We need more people like that. People with the guts to do something positive for society."

It was not a complete surprise to hear of the demise of Watman and Duck. There was a certain sense of fatalism that followed them. Constantly facing dangerous villains, it seemed likely that they would meet their fates in a violent way. "I'm not at all surprised it happened", said an unidentified man sporting a blue Mohawk on Yonge Street in Toronto. "I've tried to kill him myself several times. It just never worked. They were pretty damn hard to get rid of."

We must now face the realisation that Watman and Duck are gone forever; their remains caught in endless systems from which recovery is impossible. The pain of their loss will pass, but their memories will continue on in our hearts and in our minds. Never more will we hear, "Holy Decapitating Lizards, Watman!", and we are the less for it.

J. Edgar Ford

To the chick looking for mathNEWS editor Stuart. He loves you and wants your body. He hopes for another weekend like the last one real soon.

In the SAC

This is our first article of the new term, so we will start off, as usual, by introducing ourselves. Hi, we are you math representatives on SAC, the Student Advisory Council to the Department of Co-operative Education & Career Services or CECS. They like to pronounce it SEX. A good analogy is thus formed if you believe you only get out of co-op what you put into it.

SAC meets every two weeks in NH1029, fondly known as Needless Hell's comfy lounge, with reps from the other facilities and a CECS co-ordinator to take part in an open, informal meeting. "Open" means any interested student may attend, and are welcomed to. Actually, we are looking for at least one mathie who is willing to be the fourth official math rep to SAC. If you can volunteer a couple of hours every two weeks and want to learn about the system, leave your name in MathSoc, MC3038.

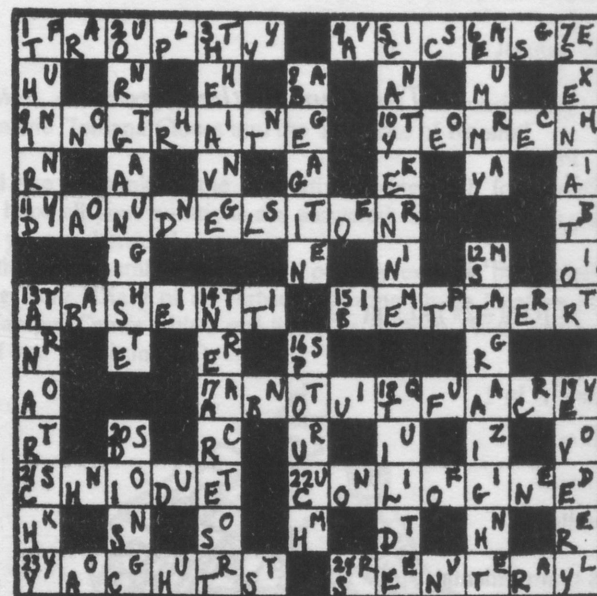
SAC has already had two meetings with reps from most of the facilities attending Discussion during the hour meetings included the back-to-campus questionnaire (thanks to all who took the time to fill them out) and the addition of the SAC chair as an official al rep on the monthly co-ordinator's meeting. Future agenda items include the development of on-line schedules, co-op handbook, an auxiliary fee committee report, use of the EngSoc UnWant Ads, and analysis of the information to be obtained from the questionnaires. One of the biggest uses of SAC for CECS (don't you just love acronyms) is to inform students. Therefore, outside MathSoc, one can find the SAC board which will have up-to-date info concerning jobs needed & jobs available. Currently, the numbers are staggering with 499 mathies choosing for 902 jobs. (No you can't take two.)

Also worth mentioning is the fact all interviews with IBM, Ontario Hydro, and Northern Telecom will be taking place on the 4th floor of the MC building where the EMS use to be before is discreetly moved to the Billding. Hopefully, interview times will be posted there for these jobs. I know I am praying.

In the mean time, if you have any questions concerning interviews, SAC, CECS, or SEX, please feel free to come to MathSoc to talk or leave a note for the SAC reps. Or come to the meeting this Tuesday at 4:30p.m. in NH1029. Till then....

TTFN

John Herbert
Wayne Feick
Ross Orritt



mathNEWSquiz #3

(Or: AAAAAARRRRRRGGGGGHHHH!!)

Hard as it is, I shall refrain from lambasting our beloved Jays and attempt to purge the thought of baseball from my mind. I do not need to drone on about their inept play of the past week - that will be done elsewhere in this week's edition, I'm sure. So enough about it. After all, it's not the end of the world...life must go on. So be it. There's always next season - of course, that's what we said in '85. Didn't do much good. But what's done is done, so no more to be heard about it. We shall congratulate the Detroit Tigers on winning the American League Eastern Division. (Secretly, though, I'm glad Minnesota kicked their butts all the way back to Motor City.) But let us turn to other subjects - God knows they must be more encouraging. They have to be. There are few things in life more depressing than having a 3 1/2 game lead with seven to go and losing them all. But let's try to forget about it, okay? Forget this whole, painful, embarrassing, maddening, unfair, unjustified..... aw, the hell with it. Here's the questions:

- 1) How many teeth does a normal adult snapping turtle have?
- 2) What was the name of Wally and Beaver Cleaver's dog? (Clue: It was the same name as their alligator.)
- 3) Who did Warren Earl Burger succeed as Chief Justice of the U.S. Supreme Court?
- 4) What is the name of Sherlock Holmes' smarter brother?
- 5) How many times did Bobby Orr win the NHL's Art Ross Trophy?
- 6) Who was Adolf Hitler's propaganda minister?
- 7) What are the only two countries to play in the championship game of the World Cup of Rugby?
- 8) Where did rock legend Buddy Holly hail from?
- 9) Who penned the poem "The Shooting of Dan McGrew"?
- 10) Here's a topical one - In 1964, the Philadelphia Phillies had a 6 1/2 game lead with ten games to play and blew it. Who was their manager that year? (Clue: He was still active managing this past year.)

The 1988 Math Grad Committee

The MGC conducts business on behalf of the students who are planning to graduate in 1988. The committee is responsible for the following:

- Graduate Photos
- Class Yearbook
- Class Gift to the University
- Math Graduate Ball (MGB - March 19, 1988)

Fundraising efforts are being held continually to finance the above activities. Further information can be obtained by attending MGC meetings, or contacting a member of the committee. MGC information will be posted regularly on the bulletin board outside of the MathSoc Office. Please support our efforts!!

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MGC person

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Editors: Frank Letniowski & Stuart L Hodgins

Checking the Edge Shave Gel out-of-town scoreboard, we see....last week's answers. 1) Faculty, Alumni, Staff, and Students (or Administration - I don't think they know themselves) 2) Simon Templar (played by Roger Moore at one point) 3) Denver Dynamite (sounds like a USFL franchise) 4) 373K (no degrees, please) 5) York + Lancaster (forget who won) 6) Spacely Space Sprockets (wonder if they can make proper O-rings) 7) #2 (half what you expected, wasn't it?) 8) Slavery (had a bit of a set-to over that) 9) Joseph Conrad (Heart of Darkness, Lord Jim) 10) Sam Jaffe (no, not Hrundi V. Bakshi)

As for last week's squiz, the returns were more promising this week. Our winner, and recipient of the mathNEWSquizExpert Certificate is Ian McLellan (1A, no less). He scored 6 correct out of 10. Ian is invited to pick up his certificate in the MathSoc (not mathNEWS) office. Other contributors were Arthur Dent (5), L'Angelo Misterioso (5) (he didn't put his name on it - how in hell are we supposed to know who it is?), Mackenzie King's Ghost (4) (nice to hear from you, Will), John Ryan (4), Bailor (2), Jeff and Ingrid (2), Pokey Gumby And (1), and Bron (Pizza Pizza) Marmer (0) (In science, are you?) This represents an 900% percent increase from last week, so we can't complain - but we will anyway. Let's see if we can get more squiz answers than gridword answers next issue. Now, all that requires is that all you dedicated gridworders scribble down a few squiz answers on the back of your gridwords and hand 'em in. Talk a couple of friends into it and we can show up Frank, ok? Submissions are accepted under the door of the mathNEWS (not MathSoc) office, or in the Black Box in the MathSoc (not mathNEWS) office before 6:53 pm on Monday, October 26. Gee, I wonder if the science newspaper (what is it - Oh Pus or something like that?) can come up with a quiz for their next issue? Look after yourselves until next time.

One-Armed Phil
The mathNEWSquizmaster

Where are they now?

G'day, Mate—Wilma down under

The Royal Melbourne Institute of Technology recently brought together 90 students from 18 countries, including Iron Curtain and Third World nations. Among the five UW students attending (the only Canadian representatives) was former MathSoc president Wilma van der Veen. The conference focused on : the nuclear arms race; the environment, including resources and energy; and the Third World and social justice.

Our heroes met cabinet ministers, were interviewed by all of the Australian media, and addressed assemblies of public and secondary school students. The delegates faced a situation that must have seemed all too familiar to a seasoned Mathie—only four or five hours sleep a night, attending morning lectures and then debating them through the afternoon and into the night.

The delegates are currently completing a report on the conference, which will attend to global issues and recommendations on what students can do to affect these matters.

Banks named acting provost

After the graduation of David J. Provost, there seemed to be a void in the MathSoc office. A pleasant enough void, but a loss nonetheless. Life seemed much quieter without the acerbic wit and off-colour humour we had all come to know and tolerate. Happily, however, according to the Gazette, Robin Banks has been named to replace Dave. This could be a difficult assignment, but Dr. Banks is more than welcome to drop by MC3038, put his feet up on the desk, and make sexist comments. We may never realise that Dave is gone.

Sauron



Conventional

Across

1. WITHOUT FOOD
5. WARM
8. LOCK
9. WASH
10. VEGETABLE
11. CLEAN
13. GIANT
15. BURN
18. STRONGHOLD
19. FEELER
22. SCEPTRE
23. STANDARDS
24. BIBLICAL KING
25. SATIRE

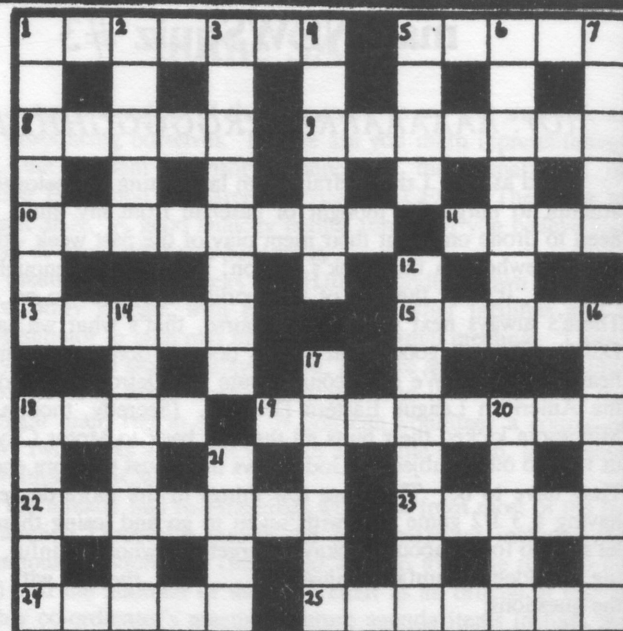
Down

1. PETITION
2. ANCIENT PEOPLE
3. IMPETUOUS
4. HARMONIOUS
5. TIGHT
6. DESSERT
7. HAT
12. PRECIOUS METAL
14. DOG
16. TREACHERY
17. VIRGIN
18. RETRIEVE
20. RARE OBJECT
21. HATRED

Submitter

Favourite Insult

Comment



Across

1. Very busy by way of Ontario commuting? (2,3,2)
5. Knock part of the brain with speed (5)
8. The fool split two by many to return (5)
9. Gold seasoning omen (7)
10. Notorious among noted and most saintless with us (8)
11. Damage a hard limb (4)
13. Not day, after day (5)
15. The lord may recline on the back, for example (5)
18. Could be on one's toes to be a fastener (4)
19. Losing money from a tired hen (2,3,3)
22. Drinkable marijuana is possible (7)
23. Support a black breed (5)
24. Not a clean weapon (5)
25. Doesn't like differential equation exams (7)

Down

1. A number in on one negative raised idea (7)
2. If the new way is for a criminal (5)
3. Appraise the time zone of one significant other (8)
4. Can't see through a round, soft article from an eastern province (6)
5. Irritate the right snake (4)
6. Ape a church leader? (7)
7. An aspiration to be armed strangely (5)
12. Help a bat to the letters (8)
14. Shiny, highly noted use of hearing (7)
16. Unceasingly without a tail (7)
17. Certainly in action (6)
18. A country—two ways a friend (5)
20. Looks at an article among some Russians (5)
21. An instrument of two loves interspersed with existence (4)

Cryptic

tion - some people *gasp* go without mathNEWS (talk to our budget manager, if we have one), the clue to 1 down is an obstetrician's remedy, nothing like getting it right the first time (nothing like getting the first time, either), GridWord arrives just in time to cure withdrawal, We did it!! Really!!, Sire Bob (give him a call!), reasonable; perhaps a little *too* easy (?), How about making it hard next time? (How about it!), I've heard of unisex but I've never tried it, gumby and pokey love gridword, After 8 months? Boy, were we rusty, wasting away at the Bombshelter until the next GridWord, Rev. Frank and his Grid have given new meaning to my life, death to all commie pinko grasseating waterfowl, filling (belch), we never learned how to play the euphemism. (Sorry, Woody, I'm just the typist - I ain't even going to attempt the unlauts!)

Frank should be back next week, we hope. It was fun while it lasted. Do your GridWords (and try the squiz, too) and don't drink too much at OK to Barfest this weekend.

Dick Heckstall-Smith

Return of the QuasiGridComments

Greetings one and all. Contrary to what you may have been expecting, this is not fletniowski doing the GridComments this time 'round. You see, poor Frank has been working his butt off tonight (while Stuart attends his night class, the keener), so he had time only to do this week's grid, and leave the comments to me. So, I hope I can avoid any rude or offensive language and do everyone proud.

Well, son of a gun, the turnout for the first GridWord was pretty impressive. We had a total of 30 submissions in various states of disrepair - 26 of which were cryptic (with 23 correct) and 4 conventional (with 3 correct). But of course, all you care about are the winners, so here goes: the cryptic winner is (hold on to your hats and whatnot) *The (an odd laugh, sort of like a chuckle, but with the undertones of a snort, quiet but audible, not at all like a giggle, now and then it gets noisier and great guffaw is let loose)er* (Whew) and the conventional winner is *Wu & Juk*. The lucky winners can pick up their prizes in the MathSoc office anytime they feel like it. (Remember, MathSoc - the one with the photocopiers.)

Wow. What fun. Don't you wish you could be a winner? Well, just try to do the GridWord this week and stick the results under the mathNEWS office door (MC 3036) or in the Black Box (I can't do the funny letters) in the MathSoc office (MC 3038). You could even be famous, as the following people will attest to: Correct Cryptologists: Trevor "Wonko" Green, Arthur Dent, Brian Scarce, Anne Marie & David, Me and a hundred broke up the movie sequence (huh?), MJ & Joel & Company, Gumby and Pokey, Adolf Hitler, Smurf, Ian McLellan 1A, Dalton Campbell & Anne Marie Chung, Amit Parghi, KL Smith 2A SA-AN, Manute Bol, Grendel, Crabaroni Tella Davidje & Dopey, Richard Schmidt, Danny Lee, Jeff & Ingrid, The 'Macho Man'!, Woody Tobias Sr., Humbert Humbert, and Jim Sankey. Kudos go to Kevin Awery, Alison, and Ann Sheila and Steve for trying. Correct conventionalogists: Manute Bol (again!) and Luke Robertson. The law firm of Castelletto - Lamont - Lewis got one wrong.

The Favourite Euphemism left you all wide open for some very nasty and off-colour comments, so let's see what we got: Answering a call of nature, travel up the hershey highway, in a family way, slithy toves (whaaaat?), horizontal mombo, diddle for middle, pursuing a wild goose, reverse peristalsis, go puck puppies go.

Let's see what vicious comments were levelled at Frank this week: Jimmy lapped Bob's head (sorry to hear that), Hey Frank - I got all but 4 words done in PDE's - these are getting easy!, increase produc-