

newcover artists needed
apply soon to work NBWS!

So long, and thanks
for all the bits!

DOUG
WRIGHT
WASN'T

Cap Ack.



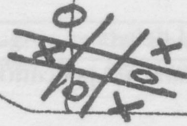
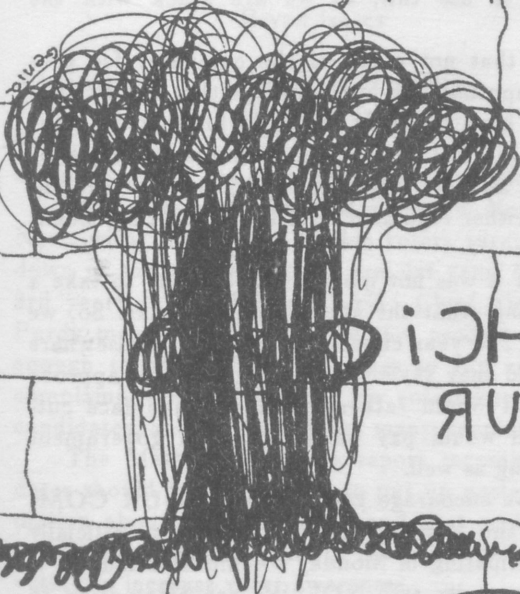
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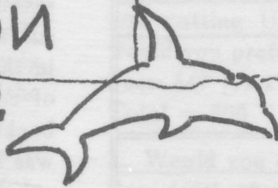
nuke the unborn gay baby whales

FRANKIE
SAYS
BUY!

POST NO
WILLIAMS



NORVENCI
!SE LUR



J. Alan,
we hardly knew ye.



HAAPANEN



FOR
EX-PREZ

MGB

COMF
FIE
STR



love (\$) = √evil

NEWS
NOV 29
#666

FRIDAY NOV 29
85

SLASH azzah!

||||
0000
1010
1101

George

can you say
"COUGH!"

Look Ahead

A quick look at what's happening

Math Events
29 Nov Sabres Roadtrip
Co-Ops Only
Have a good work term...
Fed Flix
No more this term...Feds too cheap
Cinema Gratis 9:30 in the CC—it's free!
4 Dec Dr Zhivago
DCS Courses
Free! Contact DCS to register
UW Arts Centre
Call 885 4280 for more info and tickets
30 Nov Deadline for Kloset Komics Applications
3-5 Dec Don Messer's Jubilee
7 Dec Les Ballets Jazz de Montreal
Other Events
2 Dec Last Day of Classes
5-21 Dec Final Exams
25 Dec Holiday (shouldn't be here!)
mathNEWS
If you're leaving, be sure to subscribe
Otherwise, do join us in January
The great mathNEWS backissue giveaway and
The great mathNEWS box giveaway
29 Nov at MC 3036. 10:30 am until we're done

Prezz Sezz

As this is my final column, I'd like to sum up the two terms I have spent in office.

The Good, the Bad, and the Ugly

I would count as one of our greatest accomplishments the renovations to MC 3001, now known as the "carpeted lounge". After more than two years of wrangling, we finally decided on the lounge in the Winter term, and the furniture arrived in early October (although we are still to receive some six more pieces).

The renovations were financed by C+D's past surpluses. Since having moved to a permanent location in the Fall of '83, the C+D has stopped losing money, and is now able to contribute to capital expenditures like these despite lack of price increases. Incidentally, we finished paying for the C+D renovations (financed by a \$12000 loan from the Feds) this year as well.

Unfortunately, the lounge renovation discussions turned ugly when it came time to decide on the smoking/non-smoking status of the carpeted lounge. Vicious arguments, petitions and insults were thrown by both sides. The Lounge Renovation Committee finally recommended partitioning the lounge into smoking and non-smoking sections, but the Math Society Council overturned that decision.

For a while, there was seating between the "islands" in the hallway for smokers; it will return once it has been reupholstered.

Computer Fees and Facing Reality

In the Winter term, computer fees came up in the Faculty-Student Liaison Committee. As they appeared inevitable, we attempted to negotiate, and succeeded in convincing the faculty of using, the fairest deal for students: a pay-as-you-use formula, assessed on a per-course basis. Alas, no other faculty was willing to use this, so we are stuck with the \$70/\$100 fee.

Now, we know that not much of the computer fee goes directly towards computing. We also know neither the PC nor Liberal governments have provided sufficient funding. So what should we do about the fee? If UW can't charge it, they'll be forced into cutbacks, as there just isn't enough money. And yet the fee is not fair, neither regulated, and is setting a precedent for other universities.

We decided that it was not morally right for us to take a stand without knowing what the student body thinks. So, we surveyed all 1st and 2nd year classes—the results are elsewhere in this issue. What do they say? Most students do not approve of computer fees, but would rather pay them than face cutbacks. Practically all would pay more *tuition* if government was to raise its funding as well.

Based on this, we encourage you to **PAY YOUR COMPUTER FEES** in the Winter term. MathSoc also officially abstained from participating in Monday's demonstration. So is MathSoc just sitting on its ass? **NO!** We are attempting to form a united front with Engineering (who had a survey result similar to ours) and other faculties, and talking to Queen's Park directly, either in person or through an open letter. We will let them know we are responsible (dispelling the OFS image) and mature, and willing to contribute towards our education. However, the government also needs to make it a priority, or else risk us falling behind in the world, with today's hectic pace of change and development.

Thorns and Roses

Thorns to the Feds for excessive politicking; to the *Imprint* for nearing Chevron quality; to the University Administration for ignoring the students; and to Plant Operations for being S-L-O-W in whatever work requests we put in.

Roses to Ian Sargeant and Genia Vanderkruk who have been a pleasure to work with; to the Faculty (and especially Lyn Burkowski) for their co-operation and assistance throughout the year; to Lloyd Ziegler for getting our furniture; and to the MathSoc secretaries for putting up with us.

My most sincere thanks go to all those involved in MathSoc, mathNEWS, MGB, Orientation, C+D, Computer Science Club, and Applied Math Club— you are helping to make this a better place to study and to enjoy life in.

Finally, my best wishes to Steve Murdoch, Bryon Isaacs, Rosemary Nyenhuis and the other MathSoc people in the Summer term; hopefully, by then, I'll have graduated!

Tom Haapanen
MathSoc President
W85, F85

MathSoc Summer Executive Elected

Here are the results of the MathSoc elections for the Summer '86 executive:

President	Steve Furr	83
	Dan Lyons	□
	Steve Murdoch	105
Vice-President	Mike Bernhardt	□
	Grace Chiu	68
	Bryon Isaacs	140
Treasurer	Rosemary Nyenhuis	95
	Deborah Vrab	90

□ indicates that the candidate withdrew before elections

The polls were open Monday 18 Nov and Tuesday 19 Nov., with 13% of the eligible voters turning out. The breakdown of the turnout figures are: 1st year: 5%; 2nd year: 12%; 3rd year: 42%; 4th year: 7.5%. Chief Elections Officer Ken Purdy mentioned that the election process was activated early enough to allow the proceedings to run smoothly. The only complaint received was that few voters knew enough about the candidates, and for this reason many people declined to vote.

The MathSoc Elections report recommended that candidates should be encouraged to put up posters containing information about their platforms and that such posters should be permitted to remain up until the polls close on the final day of voting to increase voter awareness.

Ian Sargeant Awarded Lifetime Membership

At the Math Society council meeting on 21st of November 1985, Ian Sargeant was awarded an Honourary Lifetime Membership in the Math Society for his service and dedication to the student cause.

Ian served as MathSoc Treasurer in Winter/83 and Fall/83; in Spring/84 he was Vice-president, and ran for reelection the following term, winning and serving Winter/85 and Fall/85 as V-P. Ian has been on the Orientation Committee in 1983 and 1985, and has been a Federation rep. He has sat on numerous committees, including Faculty Council Executive Committee, Faculty-Student Liaison Committee and the Lounge Renovations Committee.

Ian has given much to the Math Society, and we only hope he has got something out of it as well. The Council commends Ian for his work, and wishes him all the best when he leaves Waterloo.

Göorg's Maxim

If it feels good, and it does not infringe on the rights and freedoms of other individuals, and it does not violate any federal or provincial statutes or municipal regulations, do it.

A Straw Vote

"It must be realized that the computer fee was implemented because there was no money to be had from anywhere else. Government grants are increasing at below the rate of inflation, and 'real' tuition can not be raised above the current rates without the Government withholding some of the grant money. Hence, this fee."

"Also, not nearly all of the money raised through Computer Fees is used for computer service; rather, most of the money goes into the University's general operating funds from where it is distributed to whoever is deemed to need more operating money."

The above appeared at the top of a "straw vote" poll the Math Society ran over the last few weeks. The results of the poll follow.

1. Do you agree on the Computer Fees as implemented?
Yes: 56 (9.9%), No: 467 (82.9%), Don't Care: 40 (7.1%), Total = 563
2. Given a choice between paying the current Computer Fees and cutting University services (computing or other), which would you prefer?
Fees: 547 (91.2%), Cutbacks: 33 (5.5%), Don't Care: 20 (3.3%), Total = 600
3. Would you support higher tuition fees in place of Computer Fees (with the same increase for all faculties) given that the Government was to match or better any tuition increase?
Yes: 598 (97.6%), No: 12 (2.0%), Don't Care: 3 (0.5%), Total = 613

For the Children

In this world where natural disasters claim thousands of lives; where starvation is rampant and need not be; where well-meaning men can cause the death of the very innocent people they meant to save; where two men must meet and decide the fate of mankind; where at any moment every living creature on the face of this planet could be annihilated, we can still find a little brightness.

Watch a child's eyes when they open a gift or play in the snow this Christmas. Listen to their laughter.

Listen, watch, think, enjoy and hope.

Merry Christmas.

WANTED

People to run

WATPUBS

in Ottawa, Calgary, and Montreal.

See Ian Sargeant in MC 3038.

It ain't over 'til it's over

Welcome to the end of lectures. For the frosh, this may seem like a break from the hectic pace of Waterloo Math. Wrong. Having dispensed with the formality of lectures, we are about to embark on a program of academic endeavour which will put at risk our sanity, our very souls, and our next term. Exams are here.

Whether you've been through this particular form of torture before or not, there are some suggestions basic guidelines you should follow. Here are some suggestions:

- (1) **Start Now** No matter when your first exam is, the exam period begins now. Other academic institutions already have their share of former Waterlooites who "took it easy" for the first few days. The unpleasantness of starting now is more than balanced by the gains you will receive in three hour brain pain sessions later.
- (2) **Don't Study In Bed** You sit on the bed. Then you slouch. Then you lay down beside the book and read it sideways. Zzzzzz. It cannot be avoided. (There'll be a great temptation to do this for a Stats course. Don't give in. Stats can knock you out for a week.)
- (3) **Stay in Waterloo** "I've got a few days. I think I'll go home." You won't do anything. Not a bit. No matter how good your intentions, home and exams are mutually exclusive.
- (4) **Don't Study In The Shower** It lowers the resale value of your textbooks.
- (5) **Take Breaks, but keep them short** You need breaks every so often to clear out your brain. You need to let the subconscious file, analyze, correlate and junk the stuff you've been pouring in. It's not a sin to take a break. However, the ten minute break that becomes two hours leads to disaster. (Avoid Euchre games like the plague.)
- (6) **Don't Study While Driving To An Exam** Please watch where you're going instead. The ten minute cram isn't worth the added excitement of glancing up from Algebra to see a semi with Annihilator Function written all over it.
- (7) **Don't bug your roomies** Set up a riot hour when everybody takes a break. If you all keep interrupting each other, not only will marks suffer, but so will someone's face.
- (8) **Don't put all your time into the "next" exam** This is an easy trap to fall into. Don't let it get you. Budgeting your time is vital to your safe return next term. Give your next two or three exams a fair share of your time. You'll do better on all of them.
- (9) **Remember to eat and sleep** You can struggle through a lecture on an hour's sleep. You must be alert for an exam. Getting the proper rest will get you more marks than a few extra hours of paranoid cramming. Your family will be glad to hear you're sleeping for a change. Your friends will be insanely jealous.
- (10) **Don't Crank The Stereo** If your roomies have bigger stereos, they'll get you back. If not, they'll trash yours.
- (11) **Be Confident, But Not Cocky** This is the most important one. You need to build up positively to each exam. The best attitude is one of "I'm getting there" until a few hours before. That'll keep you working. In the last few hours, go ahead. Say it. "I'm the best there is. Look out exam. I'm comin' for ya." There'll be time enough to worry about these things over Christmas. (Lots of time.) Be positive now, and you'll do better for it.

That's a good general list. Be positive, budget your time, and rush out right now and buy a tonne of Coke Classic. You'll be fine. Enjoy your Holiday. See you next term.

Dr. Terrence Till

The Lessons

for B.A.S.

Thomas Ivey

I have loved
And in the unseeing gaze I have seen
Chaos, the dreams and torments of a race
Or two,
And found that rock which is not of my land.

O dry rock, without water, strength without joy—
See it stand high above the canal,
By weeds rank and lichens worn
Not at all.

Is it some stolid icon that meets my supplications,
Fragile works of hand and eye, whispers of melody?
O song, show not the source ...

Flesh am I; in time I shall too be stone,
Gazing out to distances unknown, seeing nothing.

O song, betray not the singer ...

I have loved
And in unpassing moments I have witnessed
Miracles, the birth and death of wilful children,
Each one's face a wistful memory,
Each one's voice a lesson.

News Roundup

Adapted from UW News Bureau information

New Computer Language: UW has recently acquired NOMAD2, a 4th generation language/database management system that includes an integrated decision support system. The language, developed and marketed by D&B Computing Services of Wilton, Conn., is being introduced this fall on a trial basis, and it's planned that NOMAD2 will be used in three different CS courses.

NOMAD2 enables users to produce applications much faster than some of the other languages used in CS courses today. Says Dr Jack Mosevich, a CS prof at UW, "I've seen a system developed within three months, using NOMAD2, that might take two or three years with some less sophisticated language such as COBOL."

New Ombudsman: Ray Owens has replaced Dean Nadon as UW's new ombudsman as of November 1st. Owens says that "The ombudsman is there to help the people who fall through the cracks of the regular system," and that students might come to him if they're having trouble finding solutions to problems with landlords, university administration or some other party. Faculty and staff members are also welcome to seek his help.

FeedBack

Subject: Arm wars

I have another solution to the armrest wars:

Sit in a chair that does not have another chair to its right; that is, sit in the chairs next to the aisle or at the wall on the right side as one faces the blackboard.

Subject: MathSoc loosing money on social events (Prez Sez a few issues ago)

What happened to the workload guidelines that were published in this newsletter a few terms ago (the ones that said the average student should not have to spend more than about 45-50 hours/week on course work)?

My inclination was that this was pie in the sky seems to be true, even though it was produced by the faculty.

The Mysterious Letter Writer

To Imprint, the Gazette, and mathNEWS:

Isn't this interesting? For over a year, Dr. Doug Wright has been telling us that money for the new William G. Davis Centre For Computer Research will not come out of the regular University budget. He has also told us that students must "contribute" to the University budget via what he calls a "computer" fee, to the tune of \$1.4 million this year. It therefore comes as a great shock to read (Gazette, Nov. 13) that in fact the CRC is going to cost some \$1.4 million per year to operate, just the same amount being taken from the students.

Dr. Doug, you should be ashamed to take *our* money and use it to run a monument to the person who was the head of the very government you yourself accuse of leaving the University in dire financial straits. Even more, you should be ashamed of the way you rationalize this under the pretext that it will be good for the students.

If you really want to collect a "William G. Davis Monument Upkeep Fee", do that. Do *not* insult us by calling it a computer fee.

Scott Welch
4A Computer Science

Dear Gooch:

Now that the term is drawing to an end, I would like to take a few moments to reflect on this term's issues of mathNEWS. In particular, I would like to examine the various articles which you wrote.

In your inaugural column you predicted that mathNEWS would receive "hate mail of an unprecedented magnitude" due to your "very unique writing style." A quick glance through this term's issues confirms that you have indeed achieved that goal.

How have you managed to accomplish this? You did it by insulting virtually everyone on campus with some help from your obviously well thumbed dictionary. In your various articles, you called engineers unintelligent, "stupid" and claimed that they have the "class of mindless cavemen boors" You called feminists "insipid" and said that they demonstrated "blatant stupidity". You likened Wilfrid Laurier students to a bunch of highschoolers. You implied that arts students are all airheads and "ignorant". And finally, you called all your fellow math students tasteless and claimed "...even a stopped clock is right twice a day...a stopped clock has it over the readers of mathNEWS."

Now I ask you Gooch, is there a good reason for all this name calling? mathNEWS is intended to be a forum for opinions, humour, and occasionally news submitted by math students. Your articles—with one exception—do not fit into any of these categories. The only excuse I can see is that you are trying to offend people and hence generate "hate mail". This is not constructive. Nor is it entertaining reading during Friday morning lectures.

mathNEWS writers follow a tradition of using pseudonyms. You, however, misuse your pseudonym. Would you insult math students in an article that you had written under your real name? I don't think you would. Elsewhere in this issue you use my name in quotes, as though implying that it is an assumed name. It is not. I am willing to state my opinions and then sign my name below them. You, however, fire insults in all directions and then hide behind the protective cover of The Gooch.

So what do you have in store for the readers of mathNEWS next term? If it is more of the same trash, then the editors ought to keep their readers in mind when they consider your writing. Perhaps your articles will take a turn for the better. You did have some good things to say regarding the censorship of records in the last issue.

I am looking forward to some entertaining and interesting issues of mathNEWS next summer.

Sincerely,
Brad Sokol
2B Computer Science

My dearest gooch:

Sugar, I am too tired from last night to write you a formal letter, so this will have to do. I am going to leave with my dear friends at mathNEWS a copy of my comments to *your* idiotic response to my original letter, whose main point you so obviously missed, that of narrowmindedness. You can be arrogant for all I care, but if you are going to be narrowminded and derogatory of other people, just remember what Dirty Harry Callahan thinks about dogshit. Sweet dreams, sugar, and have a nice workterm; just remember that 'those of you who think you know everything are annoying those of us who do.'

M. Tomokato
3B Math

mathNEWS:

There is not much difference between mathies and engineers.

Mathies must prove that $1 \times 0 = 0$ while engineers look up this relationship in the tables.

Mathies die wearing a tie. Engineers die wearing a noose.

Mathies drink commercial alcohol while engineers drink homemade methanol.

There are a large minority of females in mathematics. A chromosome test is required in engineering to prove that women are in the class.

Mathies graduate, Engineers survive.

Engineers have a sarcastic sense of humour. Mathies have a humourous sense of sarcasm (I can't spell, too early in the term).

Kimmo Rautapuro
2B Ch. E.

continued on page 6

continued from page 5

mathNEWS:

What happened to Chuck? (Chuck Cunningham, Richie's older brother on "Happy Days")

DT, 2A AS

Protest

About that joke about Engineers getting credit for screwing in a lightbulb, I protest. First we must do a preliminary assessment. Then screw in the lightbulb. After that, we have to do an error analysis on the procedure, comment on the current methods and make recommendations.

It is not automatically assured that we will get credit for the project.

It is assumed that 3/4 will do a satisfactory job and get a passing grade. But not all of us will do the work in the time allotted.

So, don't assume, in the future, that simply screwing in a lightbulb is an easy credit.

Kimmo Rautapuro
2B Chem. Eng.

Goochzundheit

"Gooch". The name has the same phonetic appeal as "squid" or "yogurt". Yet squid and yogurt are popular with some people, and have some good qualities. Can the same be said for Gooch? As an insipid juvenile egomaniac, he was amusing, in a pompous windbag sort of way. (The Chevron's funny the first time you read it, too; I'll admit Gooch has a much wider vocabulary and uses it quite well.)

To swagger into the pages of mathNEWS and announce "I'm here to offend you" is a big promise. To merely annoy instead is a breach of that commitment. The puerile, hyperbole-ridden style in which he pontificates is an absolute affront to the sensibilities of most readers.

Not that the Gooch's columns are without merit. Much like the first attempts of a talented child to play the violin, you can tell that there's potential, but in the meantime the squealing is atrocious.

Gooch, it's not funny anymore. It's childish. Come down off your toy horse and join us in "New Carthage." The metalheads, the techno-bops, the artsies and the techs are still willing to accept you. But if you want to be separate from us, you soon will be. And surely you can't really want that loneliness.

Nemesis

P.S. Easy to hide behind pseudonyms, isn't it?

Pee-Wee's Last Column

The last mathNEWS of the term. Time for some closing remarks and quotes. A fond farewell to D.R. Kuzell; I shall not share another school term with his haggard visage and psychotic laughter. Will I write for mathNEWS next term? I don't know. My writing ideas disappeared as the work load increased this term. Moreover, it's difficult to tell whether anyone likes or hates the articles when there is no feedback (no Danny, don't hit me!). So much for ego gratification. A big woof to all my friends for the smiles of the term—even apathy can be fun! Thanks to Dave for helping me beat Fred into submission. Special thanks to Teddy Bear Mathie for quotations, inspirations, and felicitations. This sounds too much like a masthead. Oh well... Now for the quotes of the week, kiddies!

"Any sufficiently advanced technology is indistinguishable from magic."

-Arthur C. Clarke

"Nkrumah Fubar, maker of voodoo dolls that caused headaches to the President of the United States, prepared for bed, looking forward to R. Buckminster Fuller's lecture at the university next morning. Mr Fubar, in his sophisticated-primitive way, like Simon Moon in his primitive-sophisticated way, saw no conflict between magic and mathematics."

-excerpt from the *Illuminatus!* trilogy

Quotes for exams:

"Confusion is mightier than the sword."

-Abby Hoffman

"I do nothing that a man of unlimited funds, superb physical endurance, and maximum scientific knowledge could not do."

-Batman

"If at first you don't succeed... so much for skydiving!"

Finally, some food for thought:

"Too quick to understand, too soon to misunderstand."

-excerpt from the *Illuminatus!* trilogy

"Every man and every woman is a star."

-Aiwass

Pee-Wee Mathie

ISSN 0705-0410

Haiku

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Editor: D Richard Kuzell

Finals are coming soon
So much work -- the water's rising
Aquaman save me!
Cold rain on wet snow
Walking to my morning class
Tests my will to learn.

Burnout Bob

Slash's Shoebox

By Slash Sinatra

Possibly the greatest music critic in the known universe

VI The Year In Review

1985: a busy year; in '86 I'm going to catch my breath. Musically the year was eventful, and was the coming of age of cold-wave, the beginning of the end for hardcore, and the wild fad popularity of jangly guitars, paisley prints, and other 60s trappings. Politically, terrorism was the big draw, followed by Reagan's surgery (successful, they say ... too bad) and Mulroney's vanishing MPs. It was a year of significant deaths.

Events

- The Blue Jays
- The new AIDS awareness
- Live-Aid (although most of the actual performances were wanting)
- The release of classic-era Hitchcock films for screening
- K-W now has a rep cinema—even if it is only 16 mil and pretty sad in terms of projectionist ability

Non-Events

- Anything Tears For Fears or Simple Minds did; it was all insipid goo
- 'Twas an embarrassing year for some other artists as well, including OMD (yuck!), UB40 (what are they doing?), Nick Heyward (sold out to rap), Howard Jones (just plain sold out), New Order (went plastic), The Cure (who currently sound like a mishmash of 100 inferior bands), etc.
- The Springsteen hype; I think I've already said enough about that
- The sad situation that many very good young performers/bands in this country go unnoticed, while sappy WASP jerks like Bryan Adams and Corey Hart get big photospreads in all the major newspapers
- Despite the fact that she is doing better material now and her popularity has reached new highs, the fact remains that Tina Turner is really ugly and has a voice that sounds like a car accident.
- The computer fee controversy
- The way the arts section of *Imprint* has gone all poop under the auspices of Messrs. Done and Wodskou, who are smug, pretentious, and who have neither musical taste nor writing talent

The Year's Best LPs

1. **Kate Bush** *Hounds of Love* (EMI) I am sure that many years from now, when historians examine our musical culture, they will see in other people's work unintelligible finger-painting, while in that of Kate Bush they will perceive complex and staggering masterpieces. Kate's perception of the universe is Gothic, surreal, and without limits. She makes us wait a long time for each record, but each time it is worth the wait. She is the most talented songwriter and arranger alive today; I say that without the slightest hesitation. This record shimmers with her touch, her strain, her inventiveness, her restraint. On top of that, her flawless voice has never sounded better. Like all her other records, I cannot keep this one off the turntable; nothing this year could touch it. Exquisite.

2. **Prefab Sprout** *Steve McQueen* (Kitchenware/CBS) Critically this record drew mixed responses, but it nonetheless is a gem. The material is consistently fresh throughout: nice clean musical lines, some gorgeous individual tunes, and brilliant production work from Thomas Dolby (yes, he is good for something, despite his own insipid music). As an additional note, this record has the coolest cover I've come across in an awful long time.

3. **Everything But The Girl** *Love Not Money* (blanco y negro/WEA) Tracey Thorn has one of the most beautiful female singing voices today. The group sounds much tighter on this outing, although the legacy of minimalism is still there, and makes the music exciting and urgent. The lyrics, too, are politically fuelled and razor sharp. If you can listen to 'Angel' and not be moved, you are made of stone. This is music that matters.

4. **The Style Council** *Our Favourite Shop* (Polydor) I have dogged Paul Weller for many years now, waiting for the man to make a mistake; he has yet to make one. Many people cried at the breakup of The Jam, unable as they were to foresee the evolution of The Style Council, who have consistently pro-

duced smooth, groovy, catchy tunes with brilliant lyrics. Weller has on this outing regained his old Jam political fervor, and been brilliantly incisive, all the while churning out some excellent music as well. Although critically panned, this record arguably represents some of his finest work to date. It does not contain any mistakes. NB: Collect all three jackets and win a date with Mike Talbot.

5. **R.E.M.** *Fables of the Reconstruction/Reconstruction of the Fables* (IRS) A record that really grew on me. Joe Boyd surely drew on some untapped potential from these guys, who are otherwise simply excellent. I have followed them since *Chronic Town/Poster Torn*, and I must admit that they just keep getting better. They are the best American band now, eclipsing even the Talking Heads I think, and any and all of the recent spate of American bands who have tried unsuccessfully to copy their sound are far, far behind them.

6. **The Pale Fountains** *...from across the kitchen table* (Virgin) I like this band. I have always like this band. They make great music. They have a real nifty sound, what with the acoustic guitars and saxophones and stuff. Inventive lyrics. This record is a nice tasty follow-up to *Pacific Street*, and shows the boys maturing well. They just don't seem to be able to become known, but as long as they keep putting out music like this, who cares? If people can't make the effort to seek out great music, they they must listen to Billy Joel or Foreigner and enjoy it.

7. **Propaganda** *A Secret Wish* (ZTT/Island) This summer's biggest surprise: Abba from Hell. Violent, wonderful rhythms. Frenetic tunes. Real unyuppy stuff, perfect for your next used Tupperware party. Another triumph for ex-Bugle Trevor Horn.

8. **Talking Heads** *Little Creatures* (Sire/WEA) This band probably has the best crossover appeal of any band working today; their audience stretches over most of the musical spectrum. For my money, David Byrne is one of the most intelligent songwriter-musicians that America has ever produced. This record is better than *Speaking In Tongues* which, if it hadn't been so commercial, would have been a classic. This one's too weird to be a classic, but is still mighty good. Great to get up and make waffles to, then just to leave on in an auto-reverse blaster all day while you write letters to people who no longer exist.

9. **Dire Straits** *Brothers In Arms* (Vertigo/Polygram) Yes, 'Money For Nothing' is an embarrassment. This band usually manages to have one embarrassing song per album; last time it was 'Industrial Disease'. All right, I agree that they still have yet to equal the freshness that was their first album, and yes, they are continuing to borrow from many others. But consider this: this is a very good record, with some rather stunning lyrical moments (don't forget, Knopfler was once an English teacher; now he's one of the best guitarists in popular music), and overall possessed of crisp clean, economical musical lines. A commendable effort; forget that it was so bloody popular.

10. **The Icicle Works** *The Small Price of a Bicycle* (Beggars Banquet) I get upset when I see a band really having trouble getting rooted. The Icicle Works are having problems securing a reliable producer, and as a consequence this record, which they obviously released to keep their heads above water and to maintain exposure, suffers from a lack of focus and uneven production. The individual songs are nonetheless remarkably well-crafted, and the lyrics stunning as usual. They also released four three-song singles this year, on which more nifty stuff can be found which is not on the album, and which is also great. Do yourself a favour and ignore anything released domestically. The critics probably wouldn't agree with me, but then again I'm writing this column, not them. Most of them wouldn't know a great record from a mouldy turnip anyway.

11. **The Smiths** *Meat Is Murder* (Rough Trade) Manchester's Marr and Morrissey make mighty mournful music. Overall, I think this collection stronger than their debut record, but I find myself becoming increasingly critical of Morrissey and his antics, almost to the point where it affects my enjoyment of his band's music. I said almost. There are some very notable pieces here, nothing really brilliant, but nothing bad either. A strenuous listening experience; it is so angst-laden that I would not recommend it in tandem with Valium—you would melt into a pool of brown liquid.

12. **The Waterboys** *This is the Sea* (Island) Not bad. Not as good as *A Pagan Palace*, but not bad. Nice trumpet work. Glub, glub, glub, ...

13. **John Foxx** *In Mysterious Ways* (Virgin) Well, it appears that John is in love. It also appears that he's been listening to a lot of old Van Morrison records. The resultant collection of music is the best stuff he has done since he left Ultravox. There is still nothing to equal 'Europe After The Rain', but

continued from page 7

there are nonetheless some very pleasant songs on this record. It's a trip into fantasy-land, par for the course, with oodles of celestial references.

14. **China Crisis** *Flaunt the Imperfection* (Virgin) If you judge this record on its own merit rather than on past masterpieces, you must agree that it is a good one. Although a tad soupy in places, some songs are pure gold. Steely production work from Walter Becker.

15. **The Dream Academy** (WEA) Pleasantly musical harmonies, sweet instrumentation, but despite the sixties pretensions, this is very much an eighties band. They owe much to many other bands that have gone before, yet they groove pretty well on their own. Dig 'The Love Parade'!

Song Of The Year

'Cities In Dust' (Siouxsie and the Banshees). This is quite possibly the best thing they have ever done.

Video Of The Year

Videos, as a general rule, suck. They have failed utterly in fulfilling their promise to be what they said they would be, and just lapsed into lip-syncing amid grandiose sets. Videos should be related images which augment the music, and embellish it. For reference standards, see 'Genius of Love' (Tom Tom Club), 'Shock the Monkey' (Peter Gabriel), and 'Dancing with Tears in My Eyes' (Ultravox). This year, my vote goes to either of the two Cab Voltaire entries, 'Sensoria' and 'Kino'. Mind you, I dislike their music.

Concert Of The Year

R.E.M.

See you in January.

Laudable Quotes

The following quotes are presented as a tribute to our profs who, advertently or inadvertently, gave us the following priceless gems. We also include quotes from persons other than profs, also. Read and enjoy in the spirit that they are intended.

"If you understand it, there's nothing to this."
G. Berman, C&O 367

"This has got to be one of the most boring things about propositional logic."
D. Higgs, PMATH 430A

"These might almost be useful in practice."
D. Higgs, PMATH 430A

"Any proof is a one line proof provided that you have lines that are long enough."
F.C.Y. Tang, PMATH 334 (Winter '83)

"Happiness is a warm coffee trying to resuscitate a dead liver."
G. McFarlane

"This idea is left in the realm of motivation where its vagueness is less troublesome."
R.A. Staal, PMATH 430A

"I'm hoping to discover, as much as a lot of the people I write about, some way of living that resolves alienation."
David Byrne, TALKING HEADS (musician magazine)

"And... um... er... change it to x so it makes it look like a theorem."

Professor Gilbert, MATH 130A

"So now we shrink."
Katchalski, C&O 334, (on Edmond's Algorithm)

"Don't try to push a B-tree... they're very stable."
P.A. Larson, CS 334

"First Dickey bores us to death, then he teaches us how to decompose."
overheard in MATH 234A lecture

"I don't make mistakes... very often."
Professor D. Wood

"I'm surprised as many people fell for this."
Professor D. Wood, (referring to CS 360 midterm)

Two math frosh overheard in Village 1: "If $2y = 2 \ln 3$, is it true that $y = \ln 3$?" (submitted by John Miller)

"There are more non-existent objects than you can shake a stick at."

Prof. W. Abbot, PHIL 140

"I know what I'm doing; I'm just pretending I don't."
W.R. Pulleyblank, C&O 350

"Oh boy, am I ever going to get crucified on one evaluation."
W.R. Pulleyblank, C&O 350

"I can remember when students wore jeans to class."
W.R. Pulleyblank, C&O 350

"Everything is binary here."
M.H. Van Emden, CS 340

"What about negative numbers? Ah, there's the rub."
L. Cummings PMATH 334

"Two, an even number, is prime; isn't that odd?"
Prof F.C.Y. Tang MATH 234B

"Student: Sir, which way is obvious:
image $\psi = \{f(\alpha) \mid f(x) \in F[x]\} \subset F(\alpha)$
or, $F[\alpha] \subset \text{image } \psi$
Prof: This shouldn't confuse you overly much!"
Dr. Cumming's PMATH 334 class

"Engineers are not God."
Romas Aleliunas, CS 350

"An arbitrary constant plus an arbitrary constant is an arbitrary constant."
Ed Moskal, any calculus course (esp. 130B, 230B)

"In reference to 'All x is greater than zero' J. Wubnig of Phil 140 said 'This is not mathematics!'"

Unknown

Dwarf Visits the Naismith (and sleeps through all of Monday)

Ahhh. A most satisfying weekend of basketball was to be had at the PAC this past weekend as the 18th annual Naismith Classic tournament was played. The Waterloo Warriors won the tournament for the third consecutive year in almost routine fashion. Here are the scores of the university games, with comments (as much as can be recalled; the sixteen games (including high school and alumni games) all blur into one).

First Round: Laurier 87, Acadia 73. Laurier wanted to prove that their one-point win over the Axemen here two years ago was no fluke; Acadia wanted to avenge it. This was an exceptionally clean game (I don't remember either team being in the bonus in the first half); Laurier just worked harder to get the win.

Western 71, Toronto 70. This was Toronto's second 1-point loss to Western in preseason play, and a real heartbreaker. The Blues were down by 6 at the half, took the lead in the second half and let Western come back to take the game in the last minute. Apparently some of the Blues starters were not allowed to play due to "academic reasons" like being unable to reschedule midterm examinations that conflicted with basketball games.

Winnipeg 82, UQTR 81. This was the comeback game of the tournament. Les Patriotes had a 16-point lead after 20 minutes, but couldn't hold the Wesmen in the second half. Winnipeg took the lead with 35 seconds to play, and when the Patriotes missed the shot, dribbled the ball around the court to run out the clock.

Waterloo 91, Carleton 66. This game was won before it was three minutes old. Waterloo scored the first 11 points of the game, had a 17-point lead after 10 minutes, and coasted from there. Jamie McNeill, the transfer student from McMaster, made an impressive debut for the Warriors in this game.

Consolation Semifinals: Acadia 75, Toronto 58. The two teams were tied at halftime, but the Blues just ran out of steam (and perhaps heart) in the second half. The Toronto starters who missed the Western game were back in the lineup for this one, a little too late to help their cause. This was Toronto's fourth consecutive loss in tournament play.

UQTR 87, Carleton 76. Never give the team from Trois Rivières a break, or they'll never give you a second chance not to. Carleton's 7-point first half lead quickly turned into a 7-point deficit in the second half, bouncing the Ravens from the tournament.

Championship Semifinals: Laurier 71, Western 69. This one was fun to watch—what I saw of it (I have to grab dinner and caffeine sometime). Laurier had a 10-point lead, let Western come close, and held on for the victory. Of course, the game wouldn't have been fun to watch if Western had won...

Waterloo 79, Winnipeg 72. The championship was really decided here. The Wesmen took an early lead, but the Warriors took over with about 5 minutes gone in the first half. Waterloo went into the dressing room with a 15-point lead. Winnipeg refused to die, and continued to make a game of it in the second half. This one was hard-fought all the way.

Consolation Final: Acadia 91, UQTR 77. The players outnumbered the fans for this 9:00 (Sunday morning) game. It wasn't boring—I just couldn't keep my eyes open. I do

remember that the first half was close, with UQTR taking a 41-40 lead, and that Acadia started to penetrate the Patriote defence.

Third-Place Game: Winnipeg 78, Western 74. I cheer for two teams: Waterloo, and whoever is playing Western. Winnipeg had two big leads, let Western come close, and pulled out the victory. There were no prizes for this one, but the CIAU rankings committee will be very interested in this result.

Championship Game: Waterloo 95, Laurier 76. Laurier's basketball team will not be the laughingstock of the OUAA West division this season, based on their performance here. Waterloo took a five-point lead at the half, and couldn't take their once-customary five-minute coffee break at the start of the second half, lest Laurier take the game away. The Hawks pushed the Warriors to keep playing, but couldn't quite keep up. Even when they were 20 points down, they made it an exciting game. Randy Norris scored 29 points to lead the Warriors scoring derby.

Aftermath: Three Warriors, a Wesmen, a Hawk and an Axemen were named to the tournament All-Star Team. Peter Savich and Rob Froese were the all-stars for Waterloo, while Randy Norris won his first Labatt's clock for being the tournament's most valuable player. I guess he liked the "Invasion U. of W." posters and decided to live by them.

Laurier's upsets of Acadia and Western, coupled with Toronto's two losses here, are going to wreak havoc with the national rankings. Waterloo entered the tournament as the second-ranked team in the country, and should leave with the same ranking. Acadia entered as number six, and will probably drop to around eighth, depending on the tournament results this weekend. The preseason rankings should be released on Monday.

Awards: Why not? None of these are in any sense official. I thought that these interesting sideline observations from the weekend deserved to be recognised.

Most Colourful Team: UQTR Patriotes. They wore orange, green, red, white and black simultaneously on their home jerseys.

"I Left My Heart In San Francisco" Award: Toronto Varsity Blues, for losing a second one-point game to Western, not starting their usual starting lineup, and giving up against Acadia in the consolation semi-final.

Un-Class Act Award: The Waterloo fans, for jeering and shrieking on every opposition free throw. Counting the bounces is OK, but screaming isn't.

Strangest Name Award: Skeeter Mower, Acadia Axemen. Need I say more?

The Kurt Rambis Look-Alike Award: Rich Paquin, UQTR Patriotes. He's almost a dead ringer for the real Los Angeles Laker.

The Jimmy the Greek Prognosticator's Nightmare Award: Wilfrid Laurier Golden Hawks, for beating Acadia (my pick for the final) and Western.

One-liner of the Tournament: Coach Don McCrae, announcing the Alumni game, said, "The teams were chosen on the basis that the white [uniform] was two-way stretch."

Dialogue of the Tournament: Steve Hayman: "Carl, I think the CIAU should have an investigation into the rumour of rampant gambling on the Naismith."

continued from page 9

Carl Totzke: "Good idea. I'll be glad to head it up just as soon as I get my picks in."

The Jackhammer Arm Award: Jim Jordan, Chief Percussionist, Warriors Band. He set a new record of 33 seconds for playing the school song, including the eight-bar bass drum introduction and the spelling cheer at the end. The average time is around 40 seconds. After the feat he commented, "I want to get my time down to 30 seconds by the Final Four."

Worst-Dressed Coaching Staff: Carleton Ravens. Anyone who wears a two-tone grey suit in a wide stripe pattern as his team plays Waterloo has got to be out of his mind. It looked interesting, anyway.

Worst-Dressed Celebrity: Paul Hendrick, CHCH-TV. He wore a purple sweater to Sunday's games as he did the sideline commentary and half-time interviews. Unfortunately, Laurier and Western also wear purple. At least Dick Beddoes wore black and yellow to Waterloo.

dwarf

The commercialism of the December festivities has finally got me down

You...

...MUCH FODDER...

Enjoy your secular festival
Kimmo Rautapuro

Not to be published

Information to the Editors only

I have been submitting to *Enginews* for 4 terms but they have never printed any of my material. Never even gave me any indication what was wrong with the humorous pieces.

But I have sent *mathNEWS* 3 separate submissions, all have been accepted.

What does this say?

1) *mathNEWS* has lower standards

[False. *Enginews* defines the lowest standards of humour.—ed]

2) I have a Mathie's sense of humour

[True. It belongs to Tom Watts Haapanen. Please return.—ed]

3) *Enginews* don't like clean humour

[True. Intuitively obvious.—ed]

4) You like the idea of a token engineer in the paper.

[True. We need our pets.—ed]

5) Need filler or you'd print anything in English.

[Need filler.—ed]

Who knows, I won't. Okay.

from the token engineer
Kimmo

[With all due respect.—ed]

Clean (or slightly tarnished) Engineer Jokes

Again, *mathNEWS* was underwhelmed by the response to its call for a decent, clean-living, honest-to-goodness, bet-your-bottom-dollar, give-you-the-shirt-off-your-back engineer joke. From a bevvy of submissions we have selected a few of the finest:

Why do engineers make the best astronauts? - Because they take up space in schools.

Did you hear about the engineer who cleaned out his ears and his head caved in?

A Classic: Why don't engineers drink KOOL-AID? - They can never figure out how to get a quart of water into the little envelope.

A Mathie walks into a bar and says to the bartender, "Hey guy, have I got some great engineering jokes for you!"

The bartender leans over to the Mathie and says, "Listen buddy, if I were you, I'd watch your mouth. The two 300 pound bouncers are engineers, I'm an engineer, and as a matter of fact, every other man in here is an engineer."

"Oh, that's okay", says the Mathie cheerfully, "I'll talk v-e-r-y s-l-o-w-l-y".

What do you call three engineers sitting on the lawn? - Fertilizer.

ferro et igni
(alias: digitus pollex)

A man in desperate need of a brain transplant went to a specialist. The man said, "Doctor, I need a brain transplant, what can you do for me?" To this the doctor replied, "I have two brains left, one is that of a Mathie, it costs \$50. The other is that of an engineer, and it costs \$5000."

Then the man asked, "Why does the engineer's brain cost so much?"

The doctor answered, "Why, it's never been used before!"

Dave Treble, 2A AS

What should you do if an Engineer throws a pin at you? - Run like hell; chances are that he has a grenade in his mouth.

Andy Wallace

mathNEWS Subscriptions Available!

Join the growing numbers of mathies who are getting *mathNEWS* on their work terms. Just come to MathSoc (MC 3038) and ask for a *mathNEWS* subscription. These cost \$3.50 for the Winter '86 term (\$4 in the US, and higher in non-North American countries). Bring your cash and your work term address (or permanent address; you can send us your work term address later if you don't know now).

(Off-campus subscribers! If you're staying off campus this Winter, you can continue to receive *mathNEWS* by mailing your subscription fee to *mathNEWS* (see address within the "ISSN" number elsewhere in this issue).)

(You're a) Strange Terminal

Well they say I should program you with caution
 But not to let you run too far
 Never know what you'll find
 Don't understand your syntax
 Round here
 Watching your errors
 They look so logical
 Hearing your beeps
 They sound so irritable
 Something inside reveals your error
 How can I get enough?

(chorus)

You're a strange terminal
 That's why I protest
 But you're a strange terminal
 I've got to finish

I've been trying to stick a line
 In your system
 Analyzing the programs you hold
 Trying to open files
 Hoping to get inside
 Your soul

But every line here is unfamiliar
 Nothing you printed remotely similar
 How can it look so peculiar?
 How can I get enough?

(chorus)

O Ominous Computerus!

The 2A Blues Brothers

If I Had to Use Computers

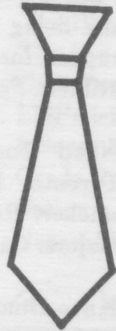
(words by: C.Sneer; music by: B.Cockburn)
 ("Well, Bruce, if only I had a rocket launcher. . .")

Cursors flash so greenly as fingers type away.
 Printers give their output—here's the news of the day:
 "Computer Fees For Service! Can They Make Us Pay?"
 If I had to use computers. . .I'd have some words to say.

First of all I'd tell you I do not feel so great;
 I don't have any money and my OSAP grant is late.
 I hear the fees will increase—I do not want this fate.
 If I had to use computers. . .I would now demonstrate.

Hear the angry voices in the great debate;
 Barking up the wrong trees, we now start to hate.
 Students will get shafted but no one hesitates.
 If I had to use computers. . .I would now remonstrate.

Incidental fees rise and tuitions reach the sky.
 All of us are told to quietly toe the line.
 Some of us would survive and some of us would cry.
 If I had to use computers. . .some sonofabitch would die!



The Gooch Corner

At this time, I wish to introduce my annual anti-Wayne Gretzky issue [Why me?... .ed], an event which my many legions of admirers [b.s. .ed] look forward to with relish. After all, it isn't every day that I undertake the task of infuriating fourteen-year-old girls of either sex and of all ages (that being the group which are his fans). In fact, I will have to spread my expose of Canada's most repulsive public figure over two weeks, so lengthy is the list of his inadequacies.

First of all, I wish to reiterate my surprise at the wisdom expressed by an engineer I met recently, a rather slovenly fellow who told me (and I quote): 'I hate that f#\$%!* Gretzky, he's such a f#\$%!* pansy!!'. Personally, I feel that this fellow's disgust with Gretzky stems not from considering Brantford's favourite son objectively, but from an engineering trait known as jealousy for one's intellectual superiors. When one considers the fact that Gretzky is, in all likelihood, a charter member of the Under Twenty IQ Club, one can appreciate just how stupid engineers are.

Which brings us to my first complaint about Gretzky; I find it appalling that someone who is considered by the rest of the world representative of Canada is such an intellectual disgrace. When SCTV's MacKenzie Brothers were at the height of their popularity some time ago, many nationalists voiced their concerns that Bob and Doug were poor representatives of our country. I cannot comprehend why these same nationalists do not say the same of Gretzky, for he does more damage to our national identity than the MacKenzies ever did. Even co-writers for mathNEWS agreed with me [not me! .proofreader], one confessing that he thought Gretzky is 'somewhat inarticulate' (NOTE: With such a gift for understatement, this fellow can look forward to a career in politics. Saying that Gretzky is 'somewhat inarticulate' is tantamount to saying that the nuclear arms race is 'somewhat unassuring'). It is embarrassing to watch Gretzky stumble through interviews with his very limited vocabulary. At least Ken Dryden, in an earlier time, gave Canadian hockey a good name by being, acting and sounding scholarly. Americans would listen to Dryden speak and say 'Wow! He's smarter than we are! I wonder if all Canadians are that smart?' Then Dryden retired and, sadly, Gretzky came along.

Now Gretzky has become a teen idol, similar to 'Fonzie' and Michael Jackson. His face is sickeningly everywhere, on TV, on magazines, on newspapers. There are Wayne Gretzky dolls for failed cheerleaders to swoon over, there are Wayne Gretzky cups for his fans to drink Kool-Aid out of. He has become a marketing bonanza, a role model for children ('Yes junior, you too can have a single-digit IQ score and still make more money than your father..'). He has become synonymous with Canada.

NEXT ISSUE: THE GRETZKY STORY PT. II - CORRUPTION, PROTECTION AND PAYOFF\$

THIS SPACE ACCIDENTLY
 FILLED IN

... SORRY

will throne responsible for + ..
 please report for termination.

The Gooch

People who bike in this
 muck aren't insane; they
 are just very good Bikers!



Printed without Permission

UltraClassified

Ahoy H. Bananah! Hope work is going fine. This term is finally over. May you enjoy 2A as much as I did! I'll be up to visit next year. Love Ralph.

Erick the Frosh: Great party, man; hope the lizards and boa are alright. Make sure you have another one next term. Crockett and Tubbs.

I am a good looking three-bedroom townhouse, fully-furnished, and living at 520C Brookhaven Crescent. I need one more occupant for Winter 1986 and will charge only \$100/mo. plus utilities. For a date to see me, call 886 5643.

Need Roommate for Winter Work-term (Jan-Apr '86) in Toronto. Located near St Clair and Spadina. Must be a non-smoker. Rent \$200/mo. to share 2 bedroom apt. with 2 CS majors. Call Sean or Stuart at 746-0338.

Kate Bush is in Toronto this week. And I'm not...-Jan Gray

The KFGF congratulates Laurie and Denis for their efforts to protect the dignity of the Natural Log. We will stay alert!-Karl Freidrich Gauss Foundation

In response to 'Feedback'...

It is a cliché that even a stopped clock is right twice a day. Without exaggerating in the least, I can now say that even a stopped clock has it over the readers of mathNEWS: Case in point; the idiotic responses to the insights explored in my column, 'The Gooch Corner'.

EXHIBIT 1: 'Brad Sokol', his literary prowess notwithstanding, insinuated in his extremely hard-hitting letter that the 'tastes' (using the term loosely) displayed by denizens of New Carthage are at a level equivalent to my own, a puerile assertion which only serves to prove your lack of understanding. In my inaugural column, I revealed the fact that I would not restrain from describing reality to those of you unfit to recognize it. I'm afraid, 'Brad Sokol', that the four or five hours it took you to create that masterpiece of a letter could have been spent more productively.

EXHIBIT 2: 'M. Tomokato', who had more to say than 'Brad Sokol', but who displayed a similar degree of stupidity. 'M. Tomokato' referred to me as an 'arrogant frosh' and as both insulting and narrow-minded. Perhaps to my inferiors, I probably do seem a touch arrogant, as I do not stoop to displaying the repugnant characteristics of false modesty. However, this honesty in describing my many attributes is not arrogance. I, for instance, do not claim to be perfect. I know that it must be difficult for ordinary people to understand that a genius isn't perfect, but it is true. But if people consider honesty about one's proficiencies 'arrogance', then so be it.

However, 'M. Tomokato', you then wrote that you abandoned Rush for the more comfortable pedancies of Siberry. I suppose that Rush was just too indecipherable for you, and that the lyrical brilliance of such songs as 'Mimi On The Beach' is more suited to your level of understanding. Well, 'M. Tomokato', I hope (with some degree of sincerity) that you and the foppish music you listen to live happily ever after. As for those of us with some level of sophistication, we resent your equating Rush with 'high school' tastes. I have been to Wilfrid Laurier many times and I have yet to meet anyone familiar with Rush to any great extent.

(By the way, the fact that there were 'artsies' present at the Siberry show does more to substantiate my revelations than refute them. Thank you.)

That is all I have to say at this time.

The Gooch

Masthead

Thanks to the following for their articles: Tom Haapanen, Georg, W. Jim Jordan, Rising-G-MEM-4 (executed for treason). Some profs for their lack of wisdom, Slash Sinatra (good but long), Sauron, M. Tomokato, Scooter (can't get rid of you can we... stick like glue [the ghost of Scooter lives]), Brad Sokol, dwarf (at least we're better at basketball), The Gooch (??????????), Kimmo Rautapuro thanks for providing us with someone to abuse and giving us some "valid" useful feedback! me, Frank Letniowski (beter), the mathNEWS quiz master, Thomas Ivey, everyone who submitted feedback, and everyone who submitted quotes, Pee-Wee Mathie, Burnout Bob, those who were good at describing engineers, Blues Brothers, Cyril Chen.

Contributors we really like the articles you-all submit but we only have so much room in a single issue; consequently, six page articles (one and a half pages typeset), are slightly too long for mathNEWS. Please endeavour to keep articles to one page single spaced typed or hand written. P.S. : longer articles tend not to be read anyways, so keep them articles short!

Thanks to the following for what they did!... Darren Jones for his article and other typing. Caron blame da Gooch, it was his fault; he gave me the wrong name (and/or didn't write it down). Frank Letniowski his gridword and creating the next gridword and myself for selecting the winning entry by the (mod22) and many number selection method. Tess Loyson for her layout and cover which was taken off last issue and again this issue, her chocolate cake [yummy] and not for being a pain in the ass (when I ask for a cover; I want the whole cover.). Nancy Giffen for attempting to stick addresses on envelopes, failing miserably in the attempt and thereby destroying the envelopes. Karen Bishopping for her special appearance and typing. Cyril Chen for his typing. Sauron for helping out with everything. Sauron and Georg for the cover; great work guys!!!! dwarf for his typing and ideas. David Leibold for preliminary typing and excellent suport work over the term enough can not be said. dan schnabel for typing articles, his chocolates and candy canes. Frank Grossman for his trivia quiz (The term after you graduate it should be really popular.). Stuart Hodgins for DEATH and paranoid behaviour! Rob Muir for helping out and his quiet personality. Genia Vanderkrak for layout, backrub and everything. Tom Ivey for his layout work and typing. Rob Campbell for his typing, being my official pet puppy dog and following me around. Ken Sherriff for surgery and layout work. Sean Germain for typing, layout and all around help. Rick Yazwinski for typing, layout and more all around help.

Thanks people for showing up last Monday and to those I missed. Apologies to those who were delayed due to classes etc..

Tom you were lucky we didn't use your picture in last issue but we have it and couldn't let it go to waste (can you say oooouugh!).....

Apologies about the debris showing up last issue; we found out what the problem was and have hopefully corrected it. Special thanks to Ken, Tom, Genia, Rob, Stewart, Saun and Rick whose help allowed me to finish this issue this evening.

D.R. Kuzell

Thanks to everyone for making this a great term for math NEWS, and with that I wish everyone the best of luck on their upcoming quizzes. DRK

More Movies

From Moskal, With Love
Snow White and the Seven dwarfs
To Live and Die in 2A

The Jerk $\frac{d^3}{dt^3}$

Malice in Wonderland
The Induction
Star Trek III: In Search of Chalk
Midnight Study
Stephen King's: The Final!
Electric Pinks, 1, 2, 3, ..., k, k+1, ..., n
Math Wish
Star Trek: The Trouble with Trigonometry
Pink Finger
The Newcastle Connection
Fiddle on the Roof
Desperately Seeking Shoshin
WIDJET Gets Married
The Wright Stuff

The Woman in Pink
Hack to the Future
The Waterloo Chain Rule Massacre
Fed Hall: North by Northwest
Kramer's Rule vs. Kramer's Rule
Torus! Torus! Torus!
Laplace's in the heart
Roots
The Great Divide
MacKay's Navy
Moskal does not believe in tears
tysi Driver
The Phantom of the Operand
The Load Worrier-Mad Vax II
Cray Fox
LISPstick
I Never Promised You a watrose Garden
Grade Runner
Cat on a Halt Tin Roof
General l'Hopital

The Keep
The Terminal Man
Joan of Arc
BASIC Training
Death Trap
Macintosh and T.J. (Tacky Joystick)
Hell's Angles
Imagens
Cycle
Zombie Processes
Soldier of FORTRAN
The Spline Who Loved Me
Software in Time
Year of the Fractal Dragon
The Computation
Planet of the APLs
The Sleeping Beautifier
The Falcon and the SNOBOLman
Tolerance of Arabia
The Breakpoint Club
Masters of the Unibus

Thanks to Chris Fowles, C.H. Porter, "our integral staff" & Woody Tobias Sr.

mathNEWSquiz # 5

1. Which was the second Sean Connery-James Bond 007 motion picture?
2. Who was Canada's first woman federal cabinet minister?
3. Complete the lyric from Cole Porter's 1934 musical "Anything Goes": "But, baby, if I'm the bottom . . ."
4. Name two of the four Star Trek episodes that were banned by the BBC because they were deemed to be unsuitable for children?
5. By what name is Richard Wayne Penniman better known by?
6. Name the tough private eye found in Raymond Chandler's novel "The Big Sleep".
7. What provoked the King of France to exclaim "Why, this is a revolt!", to which the Duc de la Rochefoucauld-Liancourt responded "No, Sire, it is a revolution."?
8. Who all but decapitated catcher Ray Fosse on a play at the plate in the 1970 All-Star baseball game?
9. Who played Kato on "The Green Hornet" television series?
10. In which grand opera, based on a libretto by Salvatore Cammarano, will one find gypsies, brothers unknown to one another and a mother's death avenged?

Quiz solutions may be submitted on or before January 9, 1986 in the flight recorder outside the C&D Lounge. Another deserving prize-winner will be selected from among the best submissions, and announced in the first edition of volume 40 (wow!) of ("your friend . . .") mathNEWS.

And now (for my next trick) the solutions to mathNEWSquiz # 4: Odysseus' dog was called "Argus"; Jefferson Airplane recorded "Bless Its Pointed Little Head" in 1969; triskaidekaphobia; "You can learn alot from defeated "Man o' War"; Quebec was the last province to give women the vote; John Dillinger (Public Enemy No. 1) got his outside the Biograph Theatre in Chicago; the Twilight Zone; Kirk Douglas

played Vincent Van Gogh in "Lust for Life"; and Paul Henderson scored the winning goal in the deciding game of the (first) Canada-U.S.S.R. hockey summit series.

These are the mathNEWSquiz winners who succeeded in their seven day mission to identify and submit correct mathNEWSquiz solutions: Victoria Tumelty and Maggie Brunton (although not necessarily in that order). Once again this intrepid twosome submitted a perfect 10 out of 10 response and may drop by the mathSOC office (MC 3038) along with John Gilhuly Esq. to claim their super-duper mathNEWSquiz prizes for this term: an incredible mathSOC pink-tie-pin (scattered cheers) and postage paid on their free mathNEWS subscription for the upcoming term (the fans go wild!). Honourable mention to Zamid Janmohamed, J.F.&J.R.&C.C&H.L.&K.G and Ian Christensen (Madame LaRue and Rock Hudson !?) for generally getting more questions right than not right. Tune in next term for more mathNEWSquiz.

the mathNEWSquiz master

MathSoc Lockers

Note that the end of term is fast approaching. This is a reminder to the current users of lockers # 3 - 300 and # 571 - 594: please remove the contents of your locker and the lock by 31 December 1985. This reminder applies to both Co-op and Regular students using these lockers.

Lockers will be distributed again early in January 1986. Current users of lockers # 301 - 570 MUST sign for them again in MathSoc; please do so during the first week of classes.

Enjoy your holidays!

Cyril Chen, MathSoc

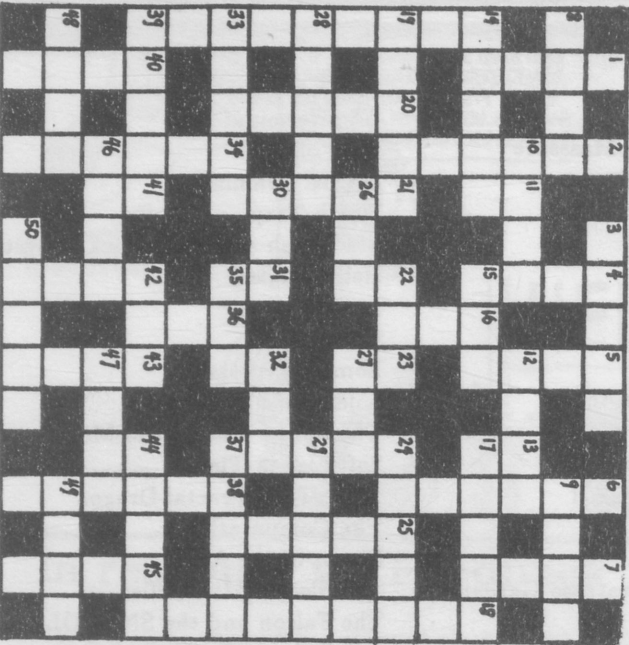
GRIDWORD

Down

1. Exist near and hit. (4)
2. Three consecutive letters finish the necessary support. (6)
3. Haul out the grass skirts to dance. (4)
4. I take the company and arrive. (4)
5. Fame from about the sound subject. (6)
6. A certain man takes silver before being old. (4)
7. A stink raised toward the sky. (2)
8. Instead of the operating room. (2)
9. Loves to take pictures or make quick bites. (4,5)
10. Softly up at the school organization. (3)
11. The Yankees changed two ways to get 2 in dice. (5,4)
12. Chin nerves are inside. (5)
13. A way taken extremely for each. (5)
14. Exist for the insect to lose direction. (3)
15. Half of an extinct bird will act. (2)
16. I grade being angry. (5)
17. A bank's favour is your loss. (5)
18. May lose a year if owned by me. (2)
19. A tutor raised close by. (2)
20. Nicotine's partner will receive a bull's-eye. (6)
21. Supernatural powers from fees paid. (3)
22. Pre-Einstein has a recent weight. (6)
23. Eric changed to Ireland. (4)
24. Not one over and above. (2)
25. Throw the almonds up to shock. (4)
26. A dry raid. (4)
27. Thus railless distress. (2)
28. Softly place the piece of the theater. (4)

Across

3. A direct pawn of surprise. (5)
8. Feet at the celebration. (4)
9. The window sill lost fifty over the side. (4)
10. An awful life shown complete. (4)
12. A cow sound arbitrarily numbered in space. (4)
14. The street will leak back because of the incline. (5)
15. Mock a monkey. (3)
17. Lead right onto all dangerous slippery streets. (5)
19. Strange ideas must be put separately. (5)
22. Lightly touch the back to be evil. (3)
24. Present to revert to help a Commonwealth country. (5)
26. Five, that is, to contend. (3)
27. Paddle otherwise about a year. (3)
28. So a fowl gets a hundred this way. (5)
29. Take the blame to stroll. (5)
30. A museum of unchangeable memory. (3)
32. A right craft. (3)
33. Father will try to celebrate. (5)
35. Still, you old Turkish leader. (3)
37. A letter will attempt to come in. (5)
39. My car needs to have a craving. (5)
42. A spring that is soft in South America. (3)
44. Trades the animals foot back in double direction. (5)
46. Move near the animal. (4)
47. Back in the direction of, else for the tree base. (4)
48. No cost to liberate. (4)
49. Eggs need fifty to describe their shape. (4)
50. Dings to be mean. (5)



Gridword Solutions (10 ml.) ♂ ♂ ♂

1	S	P	I	N	E				
2	H	D		A	L	C	O	H	O
3	O	H	E	R	E				
4									
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6									
7									
8									
9									
10									

"Chariots of GridComments"

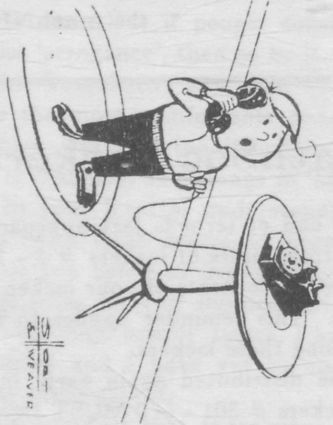
It's time for those wild and crazy GridComments; this time, these are the final ones of the term.

First, let's go to the user-supplied comments:

• *Dear Woody: 94 Gridword solutions? Preposterous! Back when I started my measly university existence, all I had to do to win a Gridword prize was submit a solution (or even a sheet of paper with only my name on it). Please do ~~my~~ us a favour: fire Frank L. and rehire the schmoe who used to do the grid. Bring the gridword back to the boring, deserted, trash that made it famous. Thank you for your time, Sincerely, John McIntosh.*

• *This is addictive! I can't get anything done until I complete the puzzle.—Sean MacDonald*

This week, we only had 24.5 solutions, a far cry from the vast response we had last issue. The winner is Margaret Duffy — please pick up your rumoured prize in the MathSoc Office. Other correct solutions were received from Sean MacDonald, Peter Simpson, Stuart Hodgins, Sean Germain, Robin Bloomfield, Greg Clarke, the duo of Mark Haygarth & Karen Keller, Zamil Janmohamed, Ken Sulston, Bill McCuaig, Catherine Oliniski, Angela Ruiter, Rob Sutherland, Gary Matsell, Jim McCaw, Dani Roloson, John McIntosh, Jim Karsten, Marco Ariano, William Hughes, and the squad of Jill Fleischman, Jack Rehder, Cyril Chen, Hélène Lacombe, and Kellie Gysbers. Paul Cudmore solved the GridWord in three colours, but alas had no letters within. Incorrect solutions were received from Ben Balboa, Dawn Miles and Sheryl Brock.



"I HAVE A TOUGH INTEGRAL CALCULUS PROBLEM, WHY DON'T WE MEET AT YOUR PLACE WHEN THE LITTLE HAND IS ON FIVE, AND THE BIG HAND IS ON TWELVE."