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Volume ${ }_{3^{3}+2 \times 2^{2^{2}}}$ Number ${ }^{1+1}$
Friday May 23, 1986

"I Remember The Beetles"
 RAIDS: No-one Is Safe
Product Review: Locust 1-2-3
New Dinner Idea: Leaves
Celebrity Roach: Bug Wright

True Life Story:

"My Night In The Debug Printer"

Avoiding A SWAT Team Movie Review: Cocoon New In Fashion: Earwigs Days Of Our Hives The Young And Wingless

LookAhead

Math Events
May 26,27 MathSoc Election Voting - 3rd Floor (maybe) June 2 Drop Deadline
Co-Ops Only
June 19 Job rankings available
June 20 Job rankings due
June 30 Interview results available
Fed Flix \$1 Feds, \$3 aliens
Phy 145 at 8 pm
May 23,24 Mad Max: Beyond Thunderdome
May 30,31 Cocoon
June 6,7 Jagged Edge
Cinema Gratis 9:30 in the CC-it's free!
May 28 Gallipoli
June $4(8 \mathrm{pm})$ East of Eden Rebel Without a Cause
June 11 Speak Body
Diva

## DCS Courses Free!

Contact DCS (MC 2045) for more information
May 26,28,29 CMS Part II
May 27,29,30 Unix Part II
May 26,28 Introduction to DISSPLA
June 2,3,5 Introduction to Tell-A-Graf
June 2,3,5 Introduction to VMS
June $9,10,12$ Using SAS
June 9,10,12 Introduction to WATFILE/Plus
LW Arts Centre
Call 8854280 for more info and tickets
May 25-28 Bojangles Dance Studio
May 30,31 Step Back and Fiesta
Other Events
May 26 Federation of Students Elections
June 4-6 Winter ' 87 Preregistration
mathNEWS
More fun than a Stats course!
June 2 Next production night
June 6 Next issue available

## 200000000000000

## Prez Sezzzzzz...

Well, it's three weeks into the term and everything seems to be running quite smoothly. The Natural Log is still safe in its place and no scandals have occurred yet. Maybe we should allow some tainted doughnuts to be sold in the $\mathrm{C}+\mathrm{D}$ to stir things up a bit.

I would like to congratulate all those who volunteered to take part in the Phonathon. We raised over $\$ 13,500$ over the two nights. That is the best two-night total of any faculty so far this year or in previous years. You all did an excellent job and we thank you very much for your help. I would also like to thank Bryon for his excellent job of recruiting. We would not have done so well without his masterly persuasion. I am sure those he persuaded will admit they enjoyed themselves too.

Remember: Class elections are next week! Be sure to vote for your class rep!

Geek Murdoch

## MathSoc Semi-Elections

## An Opinion

As of press time (evocative sound effects of rolling presses the size of your grandmother's Edsel), we are unsure of the status of MathSoc elections. Nominations may (or may not) be extended in some (or all) positions. This is due to the lack of candidates, of course. A plague not only of Math, but of all faculties, the campus suffers from an involvement crisis. Too many students are 'here for four, and then gone.' This attitude is high on personal safety, but minimizes opportunities for personal growth. It is tragic indeed when a faculty of our size cannot generate enough enthusiasm to muster a half-dozen council reps. If positions are still open when you read this, why not get in. volved?

The only way Math has ever shown any spirit at all has been in a juvenile tradition of engineer-baiting, of which there is a worthwhile opinion elsewhere in this issue. Even a move up to inter-university baiting would be an improvement. Has anyone painted Guelph pink lately?

By the way, mathNEWS can use a Cover Artist, and anyone else who feels mildly creative (or even vaguely nauseous) is invited out to join our happy ra•ks ... see the LookAhead for times and channels.

## Poetic License

Dear little sisters and brothers in Christ, it has come to my attention that in this parish, nay, in this province, we have a problem. This problem is one that I am sure you all, in your heart of hearts, are aware of, and that as I speak there are some people, even in this congregation, who have bowed their heads in silent consent to this breach, this sin against our Holy Saviour.

What I speak of is a sin of pride, or small-minded pretension, and I am sorry to say that here even our fine Conservative-pardon me, Liberal-provincial government has aided and abetted the fallen to fall even deeper into depravity. What I am talking about is not the careful indulgence in spirits, nor the admittedly tedious toying with tobacco, but a more lasting and pervasive scourge that, rather than offending the palate or stinging the eyes, endangers our immortal souls as we daily set forth between home and work, between school and play, in duty and in pleasure. This scourge is the fabrication of personalized license plates!

Do not turn and look to your neighbour! Look at yourself, sitting complacently in your late-model sub-compact sporting a plate saying "MI OWN" or "GROWCH" or "FOXY 3" or some other contrivance! Think of how you drive down the freeway, offending the sense and sensibility of your fellow motorists, brothers and sisters in the covenant of Jesus Christ! Think again of how you, yes you!, take over the hapless vocabulary of the small-time ad-man, the sly spelling of "KNOTY 1 " or the paltry pretension of "A1ANA2."

But this, dear children, is not the first and greatest evil. No, Hell may be filled with amateur crossword puzzle solvers, and yet as the Prophet Jephtha said, "Make a typographical noise before the Lord." As our roads and byways fill with vehicles bearing these testaments to pride, that great coward who turns away from the humility of the Lamb of God, a darkness will fall across the land, and the Lord will rain down frogs and rodents for three days upon this province, and only those of you with humble, repentant plates like "GXZ 314 " or "THX 582 " will be saved from eternal damnation!

Rise with me now! Rise with me now and go forth among the people, bearing a smile and a screwdriver, loving thy neighbour and removing his metallic weakness! Go now and spread the word of the Lord, and do not cease until our highways are safe and boring once more!

Tom Ivey
A.M.D. G.

## PoliClassified

## GradComments

## Federation of Students Elections

mathNEWS provides this forum in the interests of democracy and freedom of speech. Our publication of the following information in no way constitutes an endorsement of the candidates by mathNEWS, but merely provides a network for ferrying this data to math students.

## Steve Furr

Some things most students don't like to think about:

## Computer Fees <br> Rising Co-op Fees <br> PAC Locker Fees <br> Housing Problems

These are problems which about which you should be concerned. They certainly have me concerned. These problems are not going to disappear overnight, and they deserve better consideration than the reactionary responses that have been predominant in past.

What is needed now is more thoughtful deliberation of the larger issues at hand. Most of the problems which have arisen of late are only symptoms of a much larger problem. Better organization is required for dealing with such problems before they become critical.

Allowing a year to pass without responding to co-op fee increases is not acceptable, nor is the handling issues in the manner of the illfated Committee on Mandatory Computer Fees. This committee was destined to fail in the fall of 1985 because it was ill-conceived, and suffered from a lack of direction. It was further hampered by abuse of this forum to further the political ambitions of certain individuals.

Dedication, not politics, is what is required of the FEDS; the type of dedication that will enable them to better coordinate those bodies that are already established to deal with difficulties, such as the Board of Academic Affairs.

Concerns such as these have led me to become more involved in student affairs, first as a class representative to MathSoc, then as a member of the appointed executive. This led me inevitably to run for President of MathSoc, and now for a position as a FED representative. Currently, I hold positions as the External Affairs Director of MathSoc and as Chairman of the Co-op Student Advisory Council. In my work I have dealt with administration and with the FEDS through committee appointments and as a concerned individual.

I believe I have the experience and the dedication to make me the best choice for Mathematics Co-op representative to FEDS.

Steve Furr

## Dan Lyons

Are you getting your money's worth from the co-op fees you pay? How about your computer fee? Enjoy paying to use a PAC locker?

Many of you out there aren't sure the answer to these questions is "yes", and neither am I.

That is why, during my current term as student councillor, I have done my part to make students, the administration, and even the big guys at Queen's park more aware of the problems we students are facing due to underfunding.

For instance, I worked with student's council and its "computer fee" committee, helping to organize a letter-writing campaign (to politicians), an "open forum" on the computer fee (which starred Prof. Wes Graham, Dean of Computing Services), and demonstrations on the underfunding issue.

For good representation on these issues, and others (student housing, Fed Hall booking policies to name a few), elect Dan Lyons to students' council.

Come talk to me (say in the Mathsoc office, MC 3038, where I can often be found).

After four long years at university we have finally entered our last year. When we see 'grads' that means us. During the next twelve months the activities of the graduating class will build to a climax Coordinating these activities will be the Grad Committee. The Grad Committee includes several sub-committees for running major activities. The most famous of these is the Math Grad Ball (a.k.a. the MGB). The MGB is a chance for all the grads to get together, put on some fancy clothes and pretend to be sophistocated. The MGB is the send-off bash for the graduating class and is always a good time for all. Last year's MGB was at Bingeman Park and was a roaring success.

The yearbook is another major undertaking of the Grad Committee. The yearbook will contain pictures of all the grads as well as a large assortment of snap shots. As well, the convocation weekend must be planned and this is done by the Grad Committee. This year, for the first time, the class of ' 87 is going to give a gift to $U$ of $W$. The gift will be something enduring which the graduates will be able to identify as a mark they have left on the university. Aside from the psychological scars - Ed.] Assorted other duties fall to the Grad Committee including class of ' 87 t -shirts and sweatshirts, student awards and organizing the grad photos.

All of these activities take people to organize them and make sure they go smoothly. Helping out will be rewarding and a great deal of fun. Since this is our final year here it is also our final chance to participate in and help organize activities of this type.

This past Wednesday we had the first meeting of the Grad Committee and I am sure it was successful but no matter how many people attend it, it is never enough. The more people that participate the better the grad activities will be. It is also very important for all areas of the Faculty of Mathematics to be represented, so that the Grad Committee can ensure no area is being overlooked. Make your final year here a year to remember! If you want to get involved, leave a note in MathSoc or call me, Steve, at 746-1817.

This year has the potential to be the best year yet and being a part of the Grad Committee will ensure that it will be.

Steven Shore
Grad Committee Chairman


## ABBA ABBA

Two roads run across, around
And in their furtive furrows found
The merest memory of sound
Glimmer, glimmer the silvertongued swimmer
Who sits 'stride two dolphins and sings of the sea
I am a 45 rpm record
Besides the B -side I have another
A supercooled sonic tonic November
A packrationed ringplastic circular dent
Hurl, hurl the impudent churl
Childishly hammer and split me in two
Two times you have touched the sun
In your skin of darkness spun
Sometimes I am almost one
Sometimes I am almost one

## Respecting Engineers

To say that there exist within this university rivalries between the faculties would so understate the facts to the point of trivialising them. Personally, I was never one much for rivalries- I feel they serve no useful purpose. Still, some people enjoy taking part in that sort of thing. However, I have noticed that everyone seems to be at odds with the engineers. This had me flummoxed- I could not determine what evil deeds the engineers have perpetrated to merit such a criminal reputation. An older student, referring to the engineers, told me 'rivalry is one thing, prejudice is another'. She was so right.

Perhaps someday Doug Thompson will learn that there indeed exists a difference between 'journalism' and 'muckraking'. If his latest commentary is any indication, waiting for that day to occur could prove to be tantamount to leaving the porch light on for Jimmy Hoffa . His commentary-which appeared in Imprint itself, no less- was either a very desperate attempt to garner interest in the paper (a tawdry publicity stunt in other words) or a very vicious example of prejudiced propaganda.

For how else could one explain the presence of such adjectives as 'nazis', 'boers' and 'KKK' in his article? Thompson sure doesn't joke around when he warns that his comparison may be an 'exaggeration to the absurd'. Absurd indeed. I find it incomprehensible that such unmitigated comparisons could be prevalent in this article (entitled 'Are Engineers Stupid?'). I find it reprehensible that some people out there will agree with Thompson's revelations.

If anything, the real nazis around here are the people who refuse to treat engineers in a just fashion. Thompson's article says that engineers are not 'part of the campus-wide social life'. How can they be if they are consistently treated as outcasts? Engineers are not guilty of possessing any 'savage ideal'- the university community, which curses and reviles engineers, is guilty of that. If Doug Thompson wishes to point and shout 'nazi', I suggest that he look in the mirror before doing so. Is not the university-wide attitude towards engineers the very 'oppression of minorities' that engineers are consistedly accused of performing?

Thompson also accuses engineers of being 'ignorant' and 'intellectually deprived'. How charitable. He almost sounds like a southerner describing a black. How ironic, considering his self-defeating arguments. But then, considering the prevailing attitude towards engineers, this was hardly an unexpected comment on his part.

Although I may be a sole dissenting voice in the math faculty, I cannot refrain from reiterating my disgust over this whole situation. Thompson reminds me of a carnival barker describing the circus, his poorly disguised bias against engineers consuming any validity which could be salvaged from the idiotic drivel that was his article. 'Validity of what?' you may ask. Validity of argument- objectivity- something very lacking in his disappointing commentary.

Thompson unsuccessfully tried to convince his readers that he is concerned with rectifying the alienation of engineers, thus proving that if stupidity is the last refuge of evil, he has turned it into a paradise. Does he honestly expect his comments to do anything other than further alienate engineers? If he intended anything other than that, he's obviously done something wrong. Of course engineers will be further alienated by this. Naturally, when this happens, Doug Thompson will point and scream 'I told you so!', thus vindicating his stand. A good time will be had by all, except the idealistic.

The only way that the alienation of engineers can be alleviated is by treating engineers fairly. Treat them as humans, not as humanoids. To go to the extent of borrowing an analogy from the engineering profession, bridges of benevolence must be built. The tragedy of the situation is that I'm not so convinced that anyone wants this to happen. Instead, the rabble will decide whether or not engineers should enjoy the right of self-assertion unharassed. After all, the majority is always right, isn't it?

Just ask any Jew who survived Nazi Germany.
DM Jones
(Incidentally, this article was in no way created by, promoted by or funded by the Faculty of Engineering or anyone else. It is my, and only my, feelings about the topic of discussion.]


## MastHead

The Dawn of the Day of the Bride of the Living Masthead. Keep those Prof Quotes coming! Credits: This issue features a reduced staff, who should have been doing assignments. I am grateful for their dedication. Thanks to our talented writers - fwletniowski (GridStuff), Taivey (ABBA**2,Poetic), the Geek (Prezz Sezz), Steve Shore (Grad),Steve\&Dan (why-I-am-so-greats),DM Jones (NDjinnears), Fuzzy (Gas),Sunny (Ducks),BP ('87), the Profs (silliness). And our confused Tuesday production staff : the metacarpal Thomas Ivey (sage advice, bad puns, new Imagen Log, other miracles), Darren Jones (LookAhead, typing), Spiff (trimming,IO runs), MED (AM
homework,layout), Ken Dubuc (layout, pasteup,earwigs (yecch)), Barb Palmer (saying 'hi'), Steve Furr (layout,trimming), Frank Letniowski (layout,trimming), Thanks to Little Caesar's for two more pizzas and another toboggan. Unending Gratitude to Graphics Services for their unflagging aid, the I/O room staff for fast and courteous service, and to DCS and DCSU for talking to each other! As always, thanks to you, the loyal and patient readership. Your contribution is eagerly awaited ... Next article deadline is Monday June 02. See you in two Stuart L. Hodgins

## Gas From a Burner

Do you realize that just about any Tom, Dick or Steve can walk in off the street and take a position in MathSoc. Almost any position is available with the exception of that hotly contested position, President, sometimes known as Chief Resume Stuffer (note the sour grapes).

Some of these jobs present unique opportunities not available anywhere else. Consider some of these potential job descriptions:

## Internal Affairs Director

This position should appeal to those students gifted in the art of rhetoric. Applicants possessing this skill will find this an excellent opportunity to spend a term "spinning his/her wheels"

The student will be responsible for writing legislation that will be virtually ignored, and, in all likelihood, will be misinterpreted twelve times within the next two years.

Undergraduate Affairs Committee Member
This person will give student approval to proposed changes in Mathematics undergraduate programs. A minimal amount of notice is given, and the student will have too little background information to make an informed judgement.

This position will prepare the student for a career in bureacracy.

## Student Advisory Council Representative

 cf. Internal Affairs Director.This position could more aptly be described as "banging one's head against the wall".

The student will make a seemingly infinite number of recommendations to the Department of Coordination and Placement (the ones his/her friends have been harassing him/her about for weeks), the majority of which will be accepted, then filed under "G"

It should be clear that these jobs will appeal to students who love to gripe but have little material to work with. One term in any of these positions should keep the aforementioned busy until graduation.

Interested parties should apply at MathSoc.
While in the MathSoc office, you might like to apply for an honourary lifetime membership to MathSoc. Evidently this is not the distinction it used to be. The MathSoc Council saw fit to give out twelve of these in one day during the winter term. Their rationale? None had been given out for two years; it must have been a mistake.

Fuzzy
p.s. Please no more people named Steve. We have enough already.

## Prof Quotes

"You might have a problem where you had a truck to go over the Mexican border, and a secret panel ... and some marijuana ... and someone offered you some other things to take ... like some coke ... and you had to decide what things to take ... Of course, those people can work these things out for themselves. Streetwise they call it. ... Actually, a lot of people in Math go into that sort of thing. With such low salaries, they have to find other work. Whenever you see faculty driving around in fancy cars, or going to Florida all the time, you gotta be suspicious."
G. Berman, C\&O 270
"Everyone knows one thing about $u(t)$, but we don't talk about that around here."
J. Keeler, ELE 234
"It doesn't matter, the point of it is that it doesn't make any sense."
D. Easton, MATH 130B
"I should have been a truck driver ... I always wanted to be a truck driver."
M. McKiernan, AM. 362

## UltraClassifieds

There will not be a meeting of the Math Subversive Operations Committee (mathSOC) next week. It will not take place at 4:30 Wednesday and it will not be held in the MathSoc office. Nonmembers of this non-existent committee should not attend. There are no plans to steal the ridgid tool or any other mascot. Nihilists are not invited.

Where is the UltraClassified Editor? I'll have you hung from the highest yardarm in the ICR building, ya scurvy knave.

Why pay for Imprint Ads? UltraClassified are FREE and provide twice the nutritional value per spoonful. This week Two for One Special ... Get one free, get another one free !!

## FeedBach

## Dear mathNEWS,

This term I have noticed that a large portion of the student population is composed of ducks. I see them all over the campus, yet they are in none of my math classes. At first I thought they might be engineers, but these ducks know enough to look both ways before crossing Ring Road, so that rules out that faculty.

Where are they from? Why don't they ever come into the C\&D for breakfast in the morning? Please advise.
'Sunny'

## The Editor Replies :

I asked last issue's CoverDuck, Bill, what classes ducks attend. Apparently, they enjoy courses where you can get into the water (Environmental Studies), get wet (the front row of MTHEL 100), or courses that are "all wet" (most introductory computer science courses). They also take Phil 101, but you can't see them for the crowds. When pressed for further information, Bill clammed up, claiming a medical mallardy. However, I speculate that these ducks are in more of our classes than they want us to know. I have often wondered at the source of the dull noise that disrupts a class, but has no obvious source. The occasional wise-quack might be explained as well. I suspect that they are concentrating their fowl intentions on "bird courses", but to what end I do not know. As for their nonappearance in the C\&D, that mystery I can solve. Ducks are cold pizza breakfast freaks, and get their fill in Village just as dawn breaks. You're welcome.

## Attention Class of ' 87

For a quality yearbook, we need all the help we can get, especially in photography (or don't complain that you're not represented) and getting advertising (the more advertising, the cheaper the yearbook).

If you're interested in helping out, please leave your name and number and the area you'd like to help out, in the MathSoc office. Production will start soon. Meanwhile, start thinking about what you'd like written beside your picture, and any events or ideas you'd like to see in the yearbook.

We need you!

## Return to GridWORLD

Now that you are just starting to recover from last week's GridWord, out comes another one (or should I say TWO)! Just in case you missed last issue, GridWord has now doubled - it is both a cryptic and conventional crossword with separate solutions. Choose which one you want to do, answer it, and submit your solution by Monday, June 2, 1986 via the 3rd floor BLACK BOX.

Seven solutions were submitted for last week's puzzle - 5 cryptic and 2 conventional. The four correct ones were all cryptic. The winner of the GridPrize was selected by the random coloured ranked paper method. The winner is ... (insert drum roll) ... Randy Richard. He can collect his prize by pestering the folks in the MathSoc office, MC3038. The other correct submitters were (embossed in BLACK) John McIntosh, Randy Pfeifle \& Paula Strangway, and Cathy Bakos \& Jack Rehder. Alas, the High Street Heroes, and Tracey Upham \& Martin Kelly were "close, but no cigar!"

Well, go ahead and keep those solutions coming. (Yeah, "win one for the Kipper")
fwletniowski

## CRYPTIC

ACROSS
5. Strange Carol ... the rip is very old. (13)
7. A metric year by the clock sound in the east. (7)
8. Rasped, "Mingle the hot tray". (7)
9. An instrument of the jail room love. (5)
11. A bird initially can have the tool. (6)
12. Relative in the sofa there! (6)
13. Live out of one street. (5)
14. Allergic breath like strange math. (6)
17. Pass time to fade back this way. (6)
20. Instruct a coach? (5)
23. The strange person has an uneven sphere. (7)
24. Trail to pay what shuffle? (7)
25. "Only now matters" attitude on a T.V. show. $(3,3,2,1,4)$

## DOWN

1. Spell a high note over a figure. (7)
2. After a letter, you can have every head's soul. (6)
3. Stake a U.S. city up with a certain code. (6)
4. Current total narrative. (7)
5. Off-step hesitation for a bug. (6)
6. Left it in the middle of the French midget. (6)
7. Teach about fraud. (5)
8. Pertaining to a number many times. (5)
9. A breeding horse in and out of the T.V. room. (6)
10. Pastimes for types of horses. (7)
11. Ancient structure for upcoming spies. (7)
12. Comfort the sun's bullet. (6)
13. Races about deposits. (6)
14. Entries confuse its pun. (6)

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G्शIDXOIRD


## CONVENTIONAL

ACROSS
5. glistening
7. former PM
8. land joiner
9. chocolate substitute
11. big spot
12. kidnapper's demand
13. fight vocally
14. ceiling cover
17. craftsman
20. seafish
23. student's goal
24. Venetian boat
25. creation of an attractive device

DOWN

1. bridge
2. leg bone
3. colour-lacking
4. illuminate
5. meadow plant
6. cowboy
7. complete confusion
8. flour product
9. belief in a personal God
10. artistic arrangement
11. clinging plant shoot
12. a Russian
13. silica crystals
14. eat

