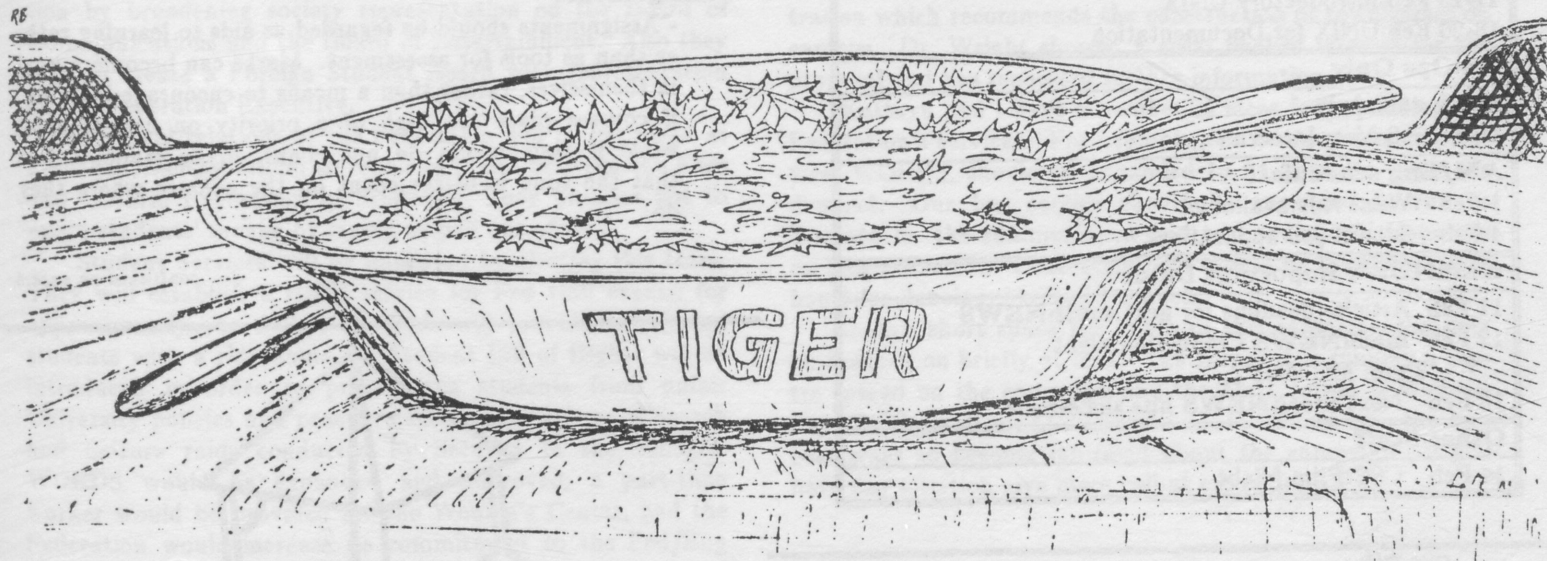


Do all the other cereals just BORJE? Would you like something better than KORN from your KITCHEN every morning? Well, SITTler down, and TURN back that BULLish hunger with a bowl of those MAPLE flavoured WAIVERS that are guaranteed to re-VAIVE you each morning.

The cereal that MIKEY likes....

math NEWS



Free magazine enclosed:

Well, it looks like Stewart is off tonight, so we have to improvise our cover. If you thought the jokes that made up this cover were bad, look at some of the ones we rejected:

- ... send in four penalty box tops ...
- The cereal that never calls for icing...
- Tear along the dotted red line ...

Volume 37 Number 3

1 February 1985

LookAhead

A glance at upcoming events

Math Events	
5 Feb	Jazz in the Bombshelter
15-18 Feb	Quebec Winter Carnival
Fed Filx	
starts 8:00 pm in AL 116	
cost = \$1.00	
1-3 Feb	The Big Chill
9-11 Feb	Romancing the Stone
16-18 Feb	All the Right Moves
Cinema Gratis	
starts 9:30 pm in the CC	
6 Feb	Popeye
13 Feb	Mephisto Waltz
UW Arts Centre	
Call Humanities Theatre Box Office at 885 4280 for more info	
until 17 Feb	...but is is art?
	Computer art! At Art Gallery
DCS Courses	
Free! One to three one-hour lectures; contact DCS to register or for more info.	
4,5 Feb	Advanced CMS
4,6 Feb	DISSPLA
11-13 Feb	Introductory UNIX
18-20 Feb	UNIX for Documentation
Co-Ops Only	
Math schedule...	
18 Feb-8 Mar	Interviews
AM/Eng schedule...	
1 Feb	Want Ads available
4 Feb	Submit job applications
mathNEWS Important Dates	
11 Feb	Articles deadline for next mathNEWS
12 Feb	mathNEWS Production night
	7 pm, MC 3038
15 Feb	Next mathNEWS hits the streets
Other Stuff	
14 Feb	CSC Film Night

Mathletics Announcement

The squash ladder has been prepared, one each for men's, women's and mixed competitors, for those that have expressed an interest. If anyone else is interested in competing and participating, submit your name and telephone number to MathSoc.

Regretfully, there was no team submitting for broomball or men's competitive basketball. At the time of registration there was an inadequate number of people interested in these sports.

Faculty Proposes New Teaching Guidelines

Jack Cooper
mathNEWS staff

Waterloo[mN]— The following is a summary of guidelines, submitted by the Faculty, for Mathematics instructors. The intention of this summary is to elicit response from MathSoc and the student body-at-large about these guideline recommendations. The highlights are listed below:

Course

- Objectives of the course, breakdown of final grade and approximate assignment/midterm schedule should be provided early in the course.

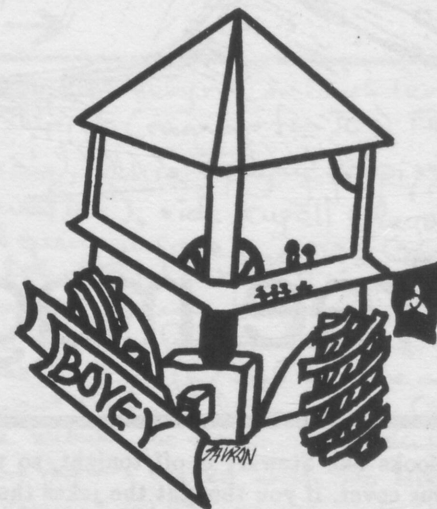
Work

- Given a 6 course load per term, it is not reasonable to expect students to devote more than 7-8 hours per week to a course, of which three are spent attending the course lectures. Instructors should avoid setting assignments and tests that consume more than 3-4 hours of work per week for the *average* student in the class.
- The workload should be evenly spread over the term. The final two weeks of the lecture period should be kept free of projects and tests so that students can use this time for exam preparation.

Assignments

- Assignments should be regarded as aids to learning rather than as tools for assessment. Marks can become a goal in themselves, rather than a means to encourage learning, if courses place too high of a priority on assignments, while if assignments do not count, many students feel that the time is better spent on the courses where they do.

continued on page 5



How does the University plan to chop enrolment by 4%—The New Bovey-Remington Snowplow. The first blade shaves you incredibly close,...

Would-Be Fedbellows

In an attempt to keep our readers moderately informed about the coming Fed election (February 12 and 13), **mathNEWS** has offered space for each of the candidate teams to speak for themselves. Regretfully, no submission from the Forrest/Grove team was forthcoming at press time.

Flanagan/McKay

Students are the bottom line for Federation President candidate Sonny Flanagan. Support is growing for the man who promises to increase student input into Federation affairs.

Sonny and his running mate Mark McKay are being supported by the Presidents of MathSoc, EngSoc, Arts Student Union, SciSoc and Environmental Studies Society. People are supporting the Flanagan/McKay ticket not because they have a polished professional image but because they are offering practical, down-to-earth ways to improve student government at Waterloo.

Math students should consider the practical value of the following points taken from the Flanagan/McKay platform. To encourage communication between students and the Federation, Flanagan promises to hold weekly office hours in the respective society offices in order to encourage students to talk with the President and express their views. With regard to student representation, their proposal is to increase student input into the day-to-day operations of the Federation by broadening society representation on the Board of Communications and the Board of Entertainment. Also they plan to create a Foreign Student Board with representation on the Federation Executive.

External relations of the Federation will be improved as Flanagan/McKay intend to repair relations between the Feds and Ontario Federation of Students. They promise not to waste students' money by trying to pull out of OFS.

Student Services will be improved by electing this team. They will establish a RIDE service for Fed Hall events; for approximately one dollar, the Feds will provide intoxicated students with a ride home. A Student Bill of Rights will be introduced in order to protect the students from unfair University policies and practices such as the infamous Search and Seizure raids conducted by Security in the Villages. WORDS would be expanded and improved; a part-time worker would be provided for the Women's Center, and the Federation would increase its commitment to the Fed/Eng Garage.

Electing the Flanagan/McKay ticket means that students would have responsible student government that they could trust, a government that would approach students, wanting their input instead of hold Council meetings that are closed to students.

Wilson/Seymour

The coming Federation of Students election is a crucial one for the organization. With sound management the Federation can look forward to an extremely bright future. According to the auditors, Federation Hall is projected to add an increase of over 100% to the corporation's revenue in the next fiscal year. Yet the Federation is, at the same time, financially sensitive because of the debt-load undertaken to pay for the project. Managed poorly, the significant gains that have been made in the past few years could be jeopardized.

Both Kathryn Seymour and I have been on the Federation executive for the past two years. I have served as Chairperson of the Board of External liaison and currently hold the position of Vice-President Operations and Finance. Kathryn has served two years as Chairperson of the Board of Communications and is now on a work term in Toronto with a major computer firm. We are familiar with the Federation and have a long list of objectives to accomplish if elected.

Near the top of our priority list is the issue of student housing. Last week I submitted a proposal to the Administration which recommends the construction of townhouses on campus. Dr. Wright showed a great deal of interest for the proposal and has requested further information.

Kathryn and I have a number of ideas for expanding the Federation's services. For example, the Word processing service, WORDS, should be expanded to 24 hours to meet the demand. Our bus service should be expanded to run to Toronto in the summer term and to London and Hamilton on long weekends. Federation Hall should be kept open after hours for dancing, one night a week.

In this short space the issues of this campaign can only be touched on briefly at best. The **Imprint** is running a centre spread on the campaign and the Math forum is Wednesday, February 6 at 11:30 in the C+D. These are the two best ways to become informed about the campaign. If you have any question give me a call at extension 6263.

Jeff Wilson

Quiche Consumption

We know (due to Chef Dwarf) that any $q \in C$ is quiche. But does quiche eat quiche?

For this to happen, we would have to place the quiche consumer (called q_c) beside the quiche, else consumption could not occur. We would also have to obtain a result of zero (all the quiche must be consumed, or else we just have a quiche sampling, or quiche reduction.)

Thus,

$$q_c q = 0.$$

Now, trivially, zero eats quiche, since $0q = 0 \quad \forall q \in C$. However, for $q_c \neq 0$ and $q_c \in C$, $q_c q \neq 0$ where there is quiche to start eating (ie. $q \neq 0$).

Thus, with the exception of the villainous zero \diamond (a 'quiche annihilator' if you wish), complex numbers, and hence real numbers, do not eat quiche.

\diamond Hence, the best way to terrify a young quiche is to assure it that there's **nothing** under the bed.

Entertainment

by Marcel Kahnt

This time around, I've got a bad movie, a good stage show, and some rather indeterminate movies on campus. As well, there was a Math/eng pub last week with *Eleven Eleven* and *Run Run Run*, about which I had a few musings. But first, our movie.

The Party Animal

I hate to present a bad movie review, partly because I pay my way into the movies I review, and I don't like to waste my money. Unfortunately, I need to do so for this bomb. There was nothing redeeming in the nature of the movie, and any possible story development of interest was not followed through upon. Trying to be a college comedy specialising in bawdy humour, many of the jokes were simply crude and rude. While it was showing at press time in KW, it was no longer featured anywhere in Toronto. Hopefully when you read this, it will be gone. It might be worthwhile if twenty people chip in a dime each to rent the videocassette when (if) it comes out, but if you need to pay anymore, you are being robbed.

THE Stage Show

This, of course, is nothing other than a course in Introductory Superheroism, presented under the guise of a show called **FASSer Than a Speeding Bullet**. At press time, there were still some tickets available, but I cannot guarantee that any remain at the time that you will be reading this. If you can get a ticket or two somewhere, do it. You won't regret it for one minute.

Down at Arts Lecture ...

Fed Flicks this weekend is for those of you who missed it at Cinema Gratis or for those who want to hear the soundtrack on a bit better sound system than at the CC. **The Big Chill** makes a return engagement at a cost of one dollar for Feds and two otherwise. Next week, however, is the return of **Romancing the Stone**, a very popular movie in Canada that is certainly worth extended consideration.

Over at the CC ...

Next Wednesday is **Popeye**, starring Robin Williams and Shelley Duvall. The only way to describe this is unbridled campy. It isn't that bad, and is worth a look. The following week is **The Mephisto Waltz**, starring Alan Alda and Jacqueline Bisset. This is the story of a satanic concert pianist who, on the point of death, wills his soul into the body of a journalist. It's not quite Valentine's Day fare, but it is well done, even if it is weird.

The Pub

I've heard some people who felt *Run Run Run* weren't that good, and then others feel that the weaker group was *Eleven Eleven*. Both had their problems, but I preferred *Eleven Eleven*. *Run Run Run* could not establish any connection with the audience, which seemed oblivious to their presence. I stood talking with friends for much of the evening, and noticed more that the *Eleven Eleven* sign behind the

stage was falling down than anything that the band was doing.

Later, *Eleven Eleven* performed to a somewhat better response, although I have heard many who feel that they were too loud, and others who found that they made dancing difficult but frequently changing tempos mid-song. Their music was fine, as far as music goes, but it was certainly not colossal. One point I did note was that, for many people, the novelty of Club 750 is starting to wear off. I'm finding that the Bombshelter is still the place most nights to meet your friends for a few drinks, while Club 750 is more of a quiet lounge when there isn't a pub in progress.

Now for some real fun...

Death

Death is a bit of a head-scratcher. Not much is known about it, but a lot of people don't like it. The thought of dying does not usually appeal to the general public. I often wonder about that—for one thing, you don't have to get up in the morning.

From what I gather, their opinion of death stems from 2 premises— 1) Death is something people don't look forward to, and 2) Death never receives good reviews. Both of these statements are rather questionable, and I wish to examine this argument more carefully.

1) *Death is something people don't look forward to*—So what? Neither is old age, marriage, grocery shopping, or doing the laundry. But once these events arrive, with possibly exception of the latter, nobody complains. I'll call this counter-argument "refutation by So What?", a line of reasoning quite common for those young at heart or body.

A disproof by counter-example (a more acceptable line of reasoning for a university newspaper) is even easier. Believe it or not, there are actually people in the world who do look forward to death. In fact, they try their best to speed death up. These people are called suicide victims. True, these people are in the minority, but you must remember that it's harder to reproduce when you're dead, and these people usually die at an early age. Furthermore, if you include a certain human subspecies that also tends to speed up their death (call them "SMOKERS"), the minority is alarmingly large.

2) *Death never receives good reviews*. Nonsense. I personally know several people who have never been happier. There is also the phrase "better off dead" to consider. Once again, disproof by counter-example.

This premise can also be dismissed with "refutation by So What?". After all, what do critics know? The big question is if it appeals to the public.

This brings us back to the conclusion of people disliking death. I think the main problem is publicity. What we need are advertisements to let people know what death is like. Perhaps something in the form of a Caribbean holiday commercial. Interviews would be nice, too. Talk shows, documentaries, maybe even a few celebrity endorsements. The possibilities are endless...

MathSoc Ratifies New Council

Scooter!
mathNEWS staff

Waterloo[mN]— At the January 24th meeting of the Mathematics Society Council, the newly elected and acclaimed members were ratified to begin their terms of service to Mathies.

President	Tom Haapanen
Vice President	Ian Sargeant
Treasurer	Genia Krubnik
Speaker	Dan Lyons
Secretary	Jenny Tscharke
External	Jan Martin
Internal	John Haines
Social	Chris Jones
Publicity	Lori Ostrander
Office Manager	Anne Kristensen
Matheletics	Gabriele Schroecker

The first meeting of the new council was held on January 24th where it was learned that the L'etranger / Breeding Ground Pub at Club 750 earned \$138.15. Council was also informed that in addition to that and last Saturday's pubs, MathSoc has booked the hall for a February 23rd British Pub, a March 16th Wine and Cheese, and a March 30th End-of-Term pub to knock your socks off.

The Accounting Association approached the Society with a request for \$684, which is equivalent to three dollars a head for those Math Accounting students. Decision was postponed until this Wednesday when the MathSoc budget was considered.

A proposal by the President for a Math Week from March 11th to the 16th, ending in the Wine and Cheese, was given general approval. Council was reminded that the Student Advisory Committee of Coordination and Placement needed another member (it meets each Tuesday at 4:30 at Needles and examines problems arising within the Co-op system from time to time.) It was also announced that Orientation is starting up for another year's fun and introduction.

Plans were discussed concerning a Movie Night for early February, although an actual date was still uncertain at press time. A road trip to Buffalo was discussed, although nothing as yet has been definitely decided. Discussion also arose concerning the MathSoc role in the UW Winter Carnival, with more information coming when available.

continued from page 2

Multi-Section

- Instructors should work to ensure that consistency of material between sections of a course is maximized.

Term-to-Term

- There should be every attempt to phase in changes in courses rather than make quick and abrupt modifications in the style, content, or scope of a course, *particularly for courses in first and second year.*

Tentative MathSoc Budget

Scooter!
mathNEWS staff

Waterloo[mN]— At press time, the MathSoc budget was drafted but still subject to approval. Should the approved budget deviate from this in any major way, we will run the revised official budget in the next issue.

Revenue

Cash	\$ 6697
Receiveable	\$ 4230
Sales	\$ 1250
Loan from C & D	\$ 2200
	<hr/>
	\$ 14377

Expenses

Payable	\$ 5316
Administration	\$ 405
Office	\$ 3393
Social	\$ 870
Supported Groups:	
mathNEWS	\$ 1600
MGB	\$ 500
Accounting	\$ 456
CSC	\$ 360
Other	\$ 350
Other :	
Orientation	\$ 700
Miscellaneous	\$ 425
	<hr/>
	\$ 14375

GridComments

of the Stratosphere

In last issue's GridWord, clue 17 down should have actually been 18 down. We think. In any case, the winner of the GridWord from last issue is Karen Ford. Honourable mentions go to Trish Giles, Andy MacPherson, David Rozee, Cornell Carter, Chris Edwards, Rob Sutherland, and John McIntosh for their submissions, also. If you are Karen Ford, come down to MathSoc (MC 3038) to claim your mystery prize.

All you have to do to appear in this list next issue is to submit your solution to this issue's GridWord to **mathNEWS** via the black box on third floor across from the lounges.

While we're at it, we might as well talk about the Crazy Cryptogram from last issue. We had two submissions; one from Irene Bosnich and the other from Issie Chaimovitch. Unfortunately, the message decrypted to form words like "eash" and "irto". Oh well, that's typos. The message may be decoded by mapping the encoded characters "rwa,pchoxelg" to "etaoinshrdlu". For their efforts, both Irene and Issie may come into MathSoc to claim their secret prize, also.

Nobodaddy

Part 3

Fred groped in the dark, stumbling over his chair and slipping on something slimy. Rising and feeling invisible blood flowing from his brow, he found the light switch. The room had filled with a sticky, velvet mist that clung to his clothing. He had tripped over a heap of black fronds that resembled both feathers and antediluvian banana peels. Because the heap (not motile, but quietly collapsing) was midway between Fred and the desk he had to skirt around it and examine the ruins of his work.

Alhazred's 'Encomium' was gone, as were a few small books, and in their place sat a large punch bowl wherein live prawns swam. Suddenly Fred felt undeniably hungry and quickly ate one of the merry molluscs, shell and all. He was soon sick; returning from the washroom, he willed the punchbowl to disappear and, unsurprised, found it absent from the desk. The frond-thing had fallen into a sticky black puddle. Fred felt not at all well and he quickly left the library.

In the stairwell a mummified security guard, braided cap perched jauntily on his swathed head, greeted Fred by name. Outside, the sun had stirred things up, and animals were copulating everywhere. Fred blinked rapidly and saw that this was only a trick of the wind. A large boy, or a small man, ran by, throwing rocks at the sparrows in fun. Fred felt decidedly better.

He returned to his hovel for a meal and perhaps a few hours of sleep before his normal duties began. (Just what these were escaped him for the moment.) Cindy greeted him at the door wearing a shapeless plaid housedress. She ran a paw through his hair and their eyes met in silent accord. They made love perfunctorily and afterwards shared a cigarette. The cat puffed in an odd wheezing way (a cat would purr when it smoked, would it not?) and the heat seemed to melt the fur around its mouth into freely flowing cream.

Cindy was wheezing about her night and the dust, profit and loss, when the telephone rang. It would be his mother, of course. Fred had always been patient with her concern, understanding much about how such women could be misguided in their cares, how they had aged without growing wise. As he braced to meet this week's wisdom, he heard moaning instead. A rapid moaning banter ensued; this seemed normal to him. He asked about his aunt Moan and her daughter Moan and emphasized how much he missed Moan and intended to return there some day. His mother moaned a cheerless farewell and he rang off. Cindy had melted entirely when he returned to the bed. He wanted peaches.

It had never occurred to Fred that he did not lead a life at least superficially similar to that of other grad students. He inhabited a two-room flat inside a decaying tenement that proudly called itself "Kensington Lodge". These rooms he shared with an ever-growing collection of books and Cindy. His only concession to space in this clutter was a small balcony that overlooked the street. It was onto this balcony Fred now stepped, quite naked, to take in the morning air.

The clouds had assumed the shapes of birthday balloons which flashed messages at each other in stretched white

lettering. GUILT IS POWER BUT NOT FREEDOM FROM PAIN. $X = X$ AND $X \neq X$. HALF THE FUN IS GETTING THERE. FEED THE STARVING MULLIONS. MOBUISTRIPPERS NEVER SHOW THEIR BACK SIDES. GIVE A HELPING HAND. They also playfully tossed aircraft between them.

This made Fred feel suddenly very small and very, very frightened. The doorbell rang and he rapidly wrapped himself in a towel his cousin had taken from a cheap hotel. The door sighed softly and opened before he reached it. A brown man was there, wearing a well-cut white suit. Evidently he had just stepped off the set of "Island in the Sun."

"Ahhhh, you look mahhvelous. You do quite well, Zeb, in spite of all these troubles. Here, let us be friends, yes."

The man extended a talking hand and Fred gave a speechless one. They shook and shook.

"I am, as you know, Mr Rice. Also Mr Raj, Mr Rogers and Mr Rowe, but they could not be here and beg your forgiveness." He paused. "We all realize what a trying time this is for you and wish to help you in many ways." Mr Rice looked expectantly at him, but only strangled monosyllables came out.

"Very well then, let us proceed." He produced a rather dingy old handkerchief from a pocket and spread it out on Fred's coffee table. When he pressed an invisible tab in the corner the cloth surface became an elaborate maze with strange characters chasing each other down white passages with grey walls. "There," Mr Rice pointed at a black square that grew enormously as it careened towards them. The square became a pattern of thousands of tiny Greek crosses. Mr Rice selected one and the surface of the handkerchief became blank. It opened up beneath them and Fred screamed as he fell.

(to be continued)

CSC Flash

Yes the Computer Science Club Lives! We are pleased to announce our new executive:

Chairman of the Board:	Calum T. Dalek
President:	Robert I. Ferguson
Vice-President:	Doug Moen
Treasurer:	Alan Whitton
Secretary:	Jill Jackson
Friend for Life:	Jan Gray
General Hangers on:	David Rowley, Tom Haapanen

We are also pleased to announce the following EVENTS:

- ♦ January 31: Siggraph Video Road Show (You missed that)
- ♦ February 14: Annual CSC Film Night

Other events as well as the times and places for the above events will be announced at a later date. If you have any problems with an assignment or have a general query about computers or their uses (say as a paper weight) drop by and someone will try to help you. Memberships are available in M&C 3037, if you are a member of the ACM, you are already a member.

Cheers, Vivian Nybbles

Nice Guys

Nice guys finish last, they say
It almost seems a sin
It must be in their character
That they can never win

I've thought about it many times
To try to analyse
The cause of this phenomenon
That always plagues nice guys

Imagine, if you can, a way
That humans are designed
A data structure so immense
A larger you can't find

With Integers and Sets and Booleans
For every human Var
Life expectancy, our thoughts
The colour of our hair

A String for name, an Int for age
A Range for how we feel
There's probably even some array
To keep track of each meal

And so it goes, a great vast scope
of depth you can't conceive
And so I boldly put to you
The theory I believe

Within this super structure lies
A lowly Boolean
"IF NICE_GUY", so the logic says
"TRUE -> NEVER_WIN"

grmcfarlane

Feedback

Paging Al...

I would like to ask the thousands (hundreds? (both?)) of the readers of **mathNEWS** a few questions which relate to one of the greatest mysteries of all time, namely, **who is "et al."**?

I have seen so many books co-written by him and I would like to know why he has always stayed out of the limelight, ie. no public appearances, no anthologies of his works, etc.

Who is "et al.", why doesn't his name ever come first in the list of authors (ie. et al., T McMillan, P V Jeltz rather than the usual list like A P Dent, D Adams, et al.). Why does he write so many books on such totally diverse subjects, and does he, or has he ever, lived in Surrey?

Chef Al, Bender, Guido, et al.
(there he is again!)

Platter Spatter

by *Slash Sinatra*

On Alienation

Turn your electric eye on me, Babe;
Put your ray gun to my head...

—Bowie, 1972

Is there not a place in our all-too-frenetic society still for the "Good Samaritan"? Why is the individual who cares very much for his society becoming lost amid the wrestling egos of the rest of the tribe? The answer is simply that a heart of gold is not "in vogue" and people regard such a comparison with a disdainful eye. Unless the care involves one of the "fashionable" causes, such as the nuclear threat or the famine in Ethiopia, it is not considered to be genuine. The saint is alienated by the sinners.

Shall I presume to consider how this phenomenon comes to pass? Or weep for a society where it is allowed to happen? Lay down your misguided and twisted powers of judgement, world! Repend the injustices you have done to those who have loved you! This sentiment may sound like it is grounded in a religious paradigm, but it is not. In fact, some of the most nasty judgements have been pronounced in the name of faith. But far more evil are factors like pride, prejudice, intellectual or musical affiliation, or just plain stupidity.

A solution: instead of using your own value sets to judge people, apply theirs (as you would extrapolate them) to yourself and see how you rate. The world will always be full of careless people, but don't alienate them for stupid reasons; that person you hate may one day save your life.

Record Review

Images in Vogue: Rituals

Does anybody out there listen to *Images In Vogue*? This west coast band, which appeared in Waterloo last year, has a new mini-lp out entitled **Rituals**. Lured by their "Lust for Love" video, I bought **Rituals** without knowing what to expect. Upon listening, I discovered heavy percussion with floating synthesiser melodies and noises, along with the distinctive, almost "Bowiesque" voice of Dale Martindale. There are five tracks on the mini-lp, with the best being "Rescue Me", "Call It Love" (reminiscent of Re-Flex, who told us about the politics of dancing) and "Save It", all very upbeat tunes. The other two tracks on the record are not incredible; the irregular rhythms of "Everything About You" are nothing compared to those of Phil Collins, while "Calling My Name" combines heavy bass, percussion and organ-like tones with delicate piano themes to produce a piece that is ponderously floating. (come again? -typist) What I do like about **Rituals** is the way the synthesiser themes creep into one's consciousness. Never overpowering, these themes melt into one's mind very nicely. Overall, the record is not one of the year's best, but if you find someone willing to tape it for you, make sure the taping is done selectively.

Not Slash Sinatra

Bridging the Gap

by Mary Lou Kannon

I was a bit shaken by one reply last issue to my first column, but after some coaxing by my writing coach, I have returned. I admit that the last column wasn't the best; I had originally chosen to write on the abortion issue, but changed my topic at the last minute under fears that **mathNEWS** would start containing thirty pages of letters each issue. I guess I didn't proofread what I wanted to say sufficiently, and so the point I was trying to get across didn't make itself clear. I was not interested in titillation, as was charged, and my writing coach did insist on removing one section which I now realise was even more questionable. What I was trying to say, in a way that both sexes could understand, and which will likely be repeated in several other ways through the term of this column, is that love is much more than just sex; it is how we deal with one another and try to please one another. While sex itself might have some niceness (at least it does now), it can be made far better when it is part of an overall tenderness and concern for one another.

Now that that is cleared up, let's move on to this issue's concern. If you remember back to November, there was a big fuss about *Penthouse*, and that issue was banned from Canada. Only a few months earlier, Vanessa Williams lost her Miss America title for certain photos they had published. What we have here is the ongoing issue of pornography and its attitude toward women.

Pornography can best be described as sexually oriented writing or art (including those pictures in the girlie magazines) that is designed to arouse lust and sexual desire without any actual concern for the sexual partner. Essentially, it fosters sex for sex's sake, devoid of accompanying emotional involvement.

Tied to this is erotica, which both genders tend to find acceptable, except for the purists among us. This is the expression of tender, caring intimacy in art or literature, not necessarily but often involving partial or total nudity of one or more of the subjects. Erotica is such that you don't notice any nudity, although to express the artist's message, this nudity is necessary. If you remember the album cover to John Lennon's *Milk and Honey* (I think it was that one), while John and Yoko were naked, you didn't notice it, but felt instead their love for one another.

Pornography is a much different matter. One evening at one of my former boyfriend's, I came across a few of these "Men's Magazines". *Penthouse* was showing interest in strictly the private places of the female anatomy, rather than the woman in general. I think prostitutes are usually viewed a bit better; at least the man expresses some interest by approaching her. Here, she is just on display to arouse.

If I was upset by *Penthouse*, it was mild compared to *Hustler*. Several men agree with me that it frequently goes quite far overboard in the area of good taste. One would get the impression that, from the attitudes of the publication, women were merely mindless sexual servants. In this day and age, I can't believe that the men who work on that magazine actually believe this, and so I assume that, like some other publications, it is simply maintaining a reputation.

My boyfriend happened on me at that point, and in an attempt to convince me that not all of the magazines were that bad, he pulled out *Playboy*. Now, when I was in high school, the mother of a friend gave her a copy of *Playgirl* as a birthday present. I could take it or leave it; the guys were cute but there wasn't as much of interest there as there is in *Cosmopolitan* (Not to be confused with *Combinapolitan*, volume 35 number 3 of **mathNEWS** -Typ.). I expected it to be worse than it was, but it still is quite a distance from what I would feel comfortable with. It showed its subjects as well-rounded people, both in lifestyles and figures. It seemed to leave the impression that most of the beautiful women would enjoy wandering about in some fantasy world only partially dressed, or rather, largely undressed. *Playboy* could slip through as erotica if it were to shake this representation. I noticed my boyfriend concentrated on the faces; he seemed drawn to them by the way the poses were arranged. It seems that of all the girlie magazines, *Playboy* is the closest to having open respect for women, although it is somewhat misguided by idolizing our bodies.

I wonder, though. Are we so powerless in society to stop this slur of half the population? Everyone screams when some minority is racially slandered, but if several publishers choose to say that women are mindless objects to give pleasure and make babies (and sometimes not even that), millions throw four bucks or so on the cashiers' counters of the world and take the magazine off to some secluded spot. I cannot believe the men that run our government (and I'm talking to all three parties here) have so much trouble realising the social injuries pornography causes, and until they finally act firmly to halt it, I find it hard to believe any claims that they are interested in women's issues. Until they do, women will continue to be second class citizens with only a limited voice consulted merely at election time.

Get Your FASS Tickets Soon

Tickets are going FASS for this year's show. Get yours at the Humanities Box Office in Hagey Hall any time between 11am and 6pm. Shows run nightly from Wednesday, Feb. 6 to Saturday, Feb. 9.

Evening, sportsfans! Production night in M & C was brought to you by: Jack Cooper, djcl, dan schnabel, Godfather's, DCS, Genia, Scooter!, Ken Shirriff, Kevyn Thompson, and me, Mr. Dressup. mathNEWS was written by: Sauron(quiche,blades), Marcel Kahnt(enter), Scooter!(mathsoc), Frank Letniowski(gridword), watts(prez), grmcfarlane(death,poem), tavey(stop,nobodaddy), B.S.Tomcatt(record review), Jack Cooper(teach), Sonny&Jeff(fed), Genia(bodjit), djcl(recycled de-inked cover), gabriele(mathletics), slash(platter), and Mary Lou(women's column). Now that that's over and done with I can thank the people who REALLY made this issue possible: my mom, the dog, the cat, mathSOC (generously passing our budget untrimmed), Ross Brown, djcl(new tech ed.), Barb, Eric Idle, etc.

- Tom oh-to-be-a-student-again Ivey

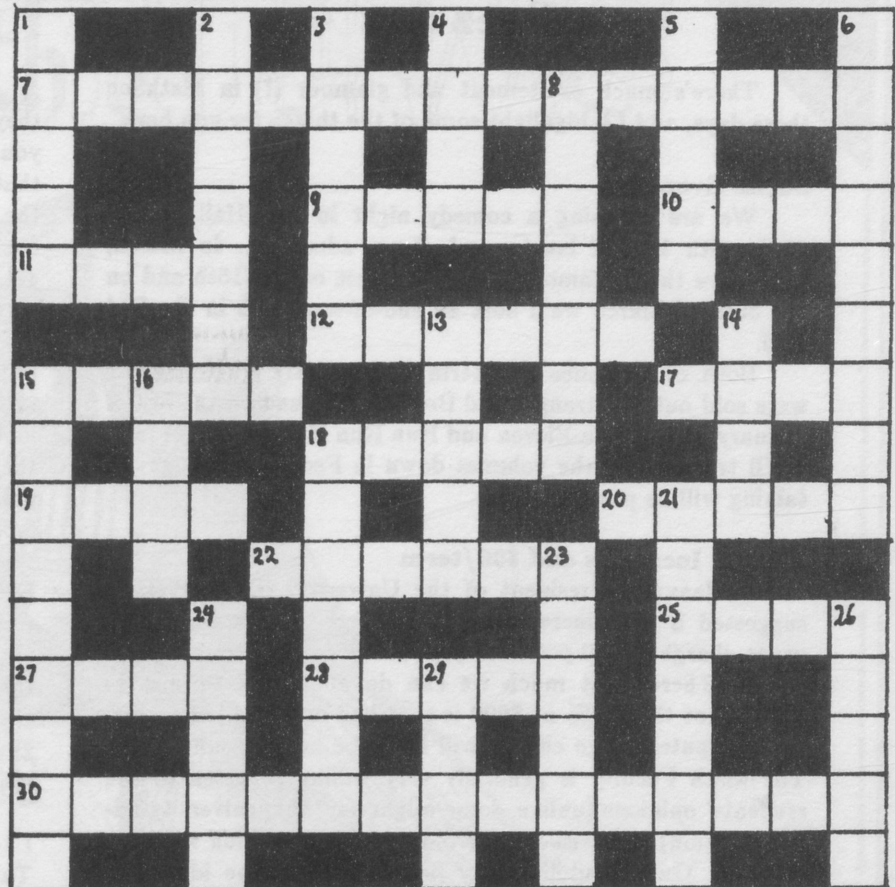
GridWord

 $dy/dx = 0$

7. Sad Luna takes on a nice change not often (4,2,1,4,4)
9. Put a hundred in with the hag (5)
10. Turn the car, start the engine,... (4)
11. Relax as in two ways (4)
12. Could pertain to a relay, but generally ethnic (6)
15. Hates to show speed (5)
17. Against Mommy's sibling, I hear (4)
18. Get up and take the street first (5)
19. A big reward got bigger (4)
20. Despite pleas, the policy will run out (5)
22. The cursed sound heard when the water was stopped (6)
25. Initially, "The Old People's Show" has head billing (4)
27. Spin the spool (4)
28. It's intended that I lead the insect (5)
30. Pushed wino carelessly, as a rat backed away, then hoped heaven-ly (6,4,1,4)

 $dx/dy = 0$

1. An animal goes to the shore (5)
2. Finish the meal south in the Negev (7)
3. Respond when leading around about all directions (6)
4. Encourage a wager (4)
5. A witty sting (5)
6. In copper, I've found the motive (9)
8. Fun he ardently showed, but unknown (7)
13. March about and show grace (5)
14. If you throw the skillet up, they'll break in two! (4)
15. Snobs lifted above eye level (9)
16. Quiet, Edward! Go to the storage structure (4)
18. Draws upon me then massed around (7)
21. Found gold but no turvy in examining the corpse (7)
23. When fond, do make the sound of a bell! (6)
24. Not a "hi" laugh but hello or good-bye (5)
26. Begin to show surprise (5)
29. Maps the current short (4)



Who:
Why:

GridAnswers

Across

1. SWORDSMAN (S + [DROWN SAM])
9. OVERDUE (OVER "DEW")
10. ASSIGN (A + S {point} + SIGN)
11. ANTHEM (AN(D) + THEM)
12. TOWEL (OW in LET backwards)
15. BLINDS (L in BINDS)
16. SAFARI (AS backward + FAR + I)
18. ERIE (EERIE)
19. MESH (ME + SH(E))
20. TEETER (TEE+ TE(E)+ R)
23. READER (RE + [DEAR])
24. NORMS (NO + ROOMS (short form))
25. IDIOCY (IDI + [COY])
29. ERODED (ER + ODE + D)
30. CHARTER (CHART + ER (RE backwds))
31. DOESITALL (DOES + I + TALL)

Down

2. WISH (SWISHED - S - E.D.)
3. RUIN TEA ([TUNE AIR])
4. SONGWRITER (SO + N.G. + WRITER)
5. NOUN
6. TEN HOLE
7. ODD MAN OUT
8. LED (Plumbum=Lead)
11. ALLEGHENY (G + HEN in ALLEY)
13. ASTER ([STARE])
14. LA
15. BITTERNESS (BITTERN + ESS)
16. STORE (ST + ORE)
17. FANATICAL (FAN + AT + I + C + A + L)
19. MEDIATE ([DIME] + ATE)
21. EASY OUT
22. EL
26. CARD (CAR + D)
27. FEEL (saFE ELEphant)
28. ACT (A.C. + T)

This Tech Masthead
Intentionally Left
Blank

Tech Ed disconnects @ 0127

P.S.: GROP!

Remember, mathNEWS
is spelled mathNEWS, not
MathNews, MathNEWS, mathNews or
even Matthews (confuses the mail)

Prez Sez

There's much excitement and glamour (?) in MathSoc these days, and I'll highlight some of the things for you here.

Social Events

We are planning a comedy night in Fed Hall on the 23rd, with lots of laughs and cheap admission. In March, we'll have the (in)famous Wine & Cheese on the 16th and on the 30th of March we'll host an end-of-term pub in the Fed Hall.

Both of our pubs this term (held jointly with EngSoc) were sold out (L'Etranger and Breeding Ground on the 5th of January and Eleven-Eleven and Run Run Run last Saturday). We'll try and get the volumes down in Fed Hall, though, so talking will be possible, too.

Tuition Increases and \$60/term

In January, President of the University, Doug Wright, suggested a 14% increase in tuition fees, plus a computer-usage charge of \$60 per term plus \$60 per computer-intensive course. There's not much we can do about the tuition increase (not that 14% at \$600 is that bad anyway). However, any computer usage charge will likely be on a Faculty basis. The Math Faculty is generally very willing to listen to the students' opinions (unlike, some might say, the University administration) and wishes to avoid any confrontation with the students. One possibility may be to abandon the idea of a general \$60 charge, and only charge a "lab fee" for CS (programming, not theory) courses. This money could be earmarked for new equipment purchases—for example, the watrose VAX/UNIX system is way over-loaded and a second teaching VAX is definitely needed.

If you have any comments, requests or ideas, give them to any member of the Faculty Liaison Committee and we'll take them up with the Faculty. The members this term are Ian Sargeant, Corinne Duncan, Grace Chiu, Jon Martin, Barb Lundhild and myself. You can leave a message to any of the above in the MathSoc office (MC 3038).

...and In Closing

This issue also should (bar any crude interference on the part of the editors) contain a preliminary MathSoc budget. It may have been changed prior to council approval, but it was current at press time. If you want more gory fiscal details, contact Genia (the treasurer) or myself at MathSoc.

Tom Haapanen

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Just Stop and Think ...

Have you ever wondered what people really mean when they begin, "Just stop and think ...". Is it that they assume you weren't thinking before, and yes, now you can start? Or that we aren't smart enough to think and do other things at the same time? (Why, even I can think and walk simultaneously.) Maybe it's just an attention-grabber, something to get your oh-so-easily-distracted attention away from the lecture.

Be that as it may, stopping and thinking, for me, is very important. It is the same act of self-evaluation as when an artist stands back from his work and looks at it from a looker's distance. It's altogether too easy to get caught up in the day-to-day eddies of existence and always live in the present. For this reason it's good (but sometimes difficult) to look at events in context.

It's difficult to see things in the context of the future. Every co-op student going through interviews this term must wonder where he or she will be three months from now. How about a year from now? Two years? Three? Because I sense this uncertainty in myself, I'd wager few of you have any easy answers either. With the exception of people nearing graduation, this is probably the student's lot and part of the reason they come here.

Wrestling with the future is never an easy game, and so I tend rather to look at things in the context of the past. Take this paper, for instance. (No Henny Youngman impressions, please.) It's been kicking around for twelve years now, always more or less run the same way (though through different typesetting and printing processes) by a small group of dedicated (thump the breast, look proud everybody) volunteers. Unfortunately mathNEWS has always been in the process of contracting and expanding. A year ago, back when I was a rookie writer (say that five times fast!), we were expanding, becoming more polished, extensive, comprehensive, reflective, and so the size of each issue rose (but only by even increments). Finally, in a process that paralleled the late romantic breakdown of tonality from Wagner's *Tristan und Isolde* to Schoenberg's *Gurrelieder*, last fall's Frosh Issue reached an unprecedented size of twenty-six pages and an unprecedented level of complexity, chaos and confusion. (What a hard act to follow!) Then, under the auspices of the illustrious dan schnabel and the notorious Alfred Ed Newman, mathNEWS shrank to a weekly, flighty vestige of its former self. I think we put an honest effort into putting the paper at the service of students last fall and I would still like to know what people thought. (We always need feedback, solicited or unsolicited!)

mathNEWS can best be described not as a liberal, "mathie", or antisestablishmentarianist paper (although we are all of these), but as an existential rag. (Tom "T-Bone" Stankus, where are you??) We just keep on going, a constant in the ever-changing equation of student press and politics. So (with the thought that this column has feebly rambled enough already) come on in next production night and help us build a brighter (wince, wince) mathNEWS for the future.

Tom Ivey

(P.S. Georg, Rena Weese and the gang say "Hi"; Slash says "Slam it in your shorts, buddy!")