

Volume 37 Number 6

15 March 1985

math NEWS



The luck of the Irish...

DRINK
CANADA DRY

NO THANX

We ALREADY HAVE!

LookAhead

A glance at upcoming events

Math Events	
16 Mar	St Patrick's Day Pub
23 Mar	Math Grad Ball
30 Mar	Wine + Cheese
Fed Filx	
<i>starts 8:00 pm in AL 116; fed admission = \$1.00</i>	
15-17 Mar	Moscow on the Hudson
22-24 Mar	Rocky Horror Picture Show
Cinema Gratis	
<i>starts 9:30 pm in the CC</i>	
20 Mar	Two for the Road Guess who's coming to dinner?
27 Mar	My Dinner with Andre Eating Raoul
DCS Courses	
Free! One-hour seminars; contact DCS to register or for more info.	
19 Mar	Keeping Informed—with CALENDAR and NEWS
26 Mar	VideoTex on CMS
Co-Ops Only	
Math schedule...	
19 Mar	Job confirmations
AM/Eng schedule...	
15 Mar	Interviews end; submit rankings
26 Mar	Job confirmations
mathNEWS Important Dates	
25 Mar	Articles deadline for next mathNEWS
26 Mar	mathNEWS Production, 7 pm MC 3038
29 Mar	Last mathNEWS this term hits the streets
Other Stuff	
15 Mar	OED Open House, 10 am Arts Library Northeast Entrance
16 Mar	UW Games Diplomacy Tournament— sign up at Bent

MathSoc Report

Georg Mandrive
mathNEWS staff

Waterloo[mN]— MathSoc Council met last (before press time) on February 27th. The first item of interest was the Social Report from Chris Jones. He presented a financial statement for the Eleven Eleven / Run Run Run Pub from Jan. 26 (\$466.39 for MathSoc), and noted that the British Pub Night very nearly sold out. Because the management of Fed Hall wanted to hold a St. Patrick's Day event on Mar 16th, it was decided to move the **Wine & Cheese** to Mar 30th at Fed Hall, the date that was originally intended for an End-of-Term Pub. Wine will be sold at 70 cents per 6 oz glass.

In other reports, Ian Sargeant of the Faculty Liaison Committee said that the issue of reviewing student exam papers was discussed with faculty members. While most professors don't mind letting students see exams, they hesitate to give them such a right and then experience a "rush" of students.

mathNEWS Drafts

Scooter!
mathNEWS staff

New Constitution

Waterloo[mN]— mathNEWS took a major step in its development with the establishment under a constitutional amendment of a Board of Directors. Hoping that it would help to bring some ongoing consistency to the operations of the publication, constitutional author Marcel Kahnt said that the Board was designed in a manner to be representative of the student interests, but also to be arranged in such a manner as to keep its membership from changing too quickly.

mathNEWS, the student paper in the UW Faculty of Mathematics, has operated since Winter 1973 as an independent voice funded by MathSoc under a constitution changed several times since its first draft.

"Constitutional amendments became necessary in light of amendments made during the Fall 1984 term," according to Mr. Kahnt. "What we have done with these new revisions is to give mathNEWS the power to set down various rules of internal operation without requiring their confirmation by MathSoc. Our Board of Directors, which will consist of a Faculty representative, the MathSoc President and Vice President, the mathNEWS Editor, and three members elected under special rules by the mathNEWS staff, will be able to examine any points of concern that may arise in the paper's operation, and take the necessary actions to correct any major problems. In addition, many contentious points, such as defining voting staff and the responsibilities of the holders of various sub-editorial positions can now be dealt with at length by removing them from the constitution and making them written policies."

The Board of Directors, as the new Constitution states, will operate for the most part in a simply advisory role. The Board controls the finances of the paper and also has the responsibility of ratifying the election of the Editor, as well as specifying the manner by which the Editor is elected. In addition, a mathNEWS Editor may be recalled by either a majority vote of staff or a petition of ten percent of the fee-paying MathSoc supporters, plus two two-thirds majority votes against the Editor by the Board upon examining the charges.

mathNEWS staff approved the Draft Constitution on February 26 by a vote of 6-0 in favour with one abstention, and the matter went before MathSoc Council March 13 for consideration. The final outcome of that meeting was not available at press time.

The MGB budget was approved after some questions and discussion. Dave Provost reported that very few people had turned out from Math for the Federation's Winter Carnival. He felt that this event had been organised too late in the term and this hampered student participation. On the other hand, according to Mark Haygarth of the Orientation Committee, so many people have turned out to help that not all of them can be Big Brothers or Sisters; people are still needed, though, to co-ordinate events in Orientation Week this fall.

As quorum dwindled, the new mathNEWS Constitution was tabled for consideration. Notice was given that it would be ratified as a bylaw (among other new bylaws mentioned in this column last issue) at the coming General Meeting on Mar 20.

Warriors Band Turning Halifax on Its Ear!

W. Jim Jordan
Chief (Re)Percussionist, Warriors Band

Special to mathNEWS

Halifax[WBP]—The University of Waterloo Warriors Band should now be preparing for its bid for its fourth CIAU band championship in six years. In what could be termed as an amazing feat of logistics and defiance of logic, the Band, using a unique method of transporting most of its members and equipment, had a joyful reunion last night at the Halifax Metro Centre.

The Band decided to add a second set of Halifax concerts to its "never-ending round the world tour which has yet to leave Canada" when the Waterloo Warriors basketball team won the Mid-East regional tournament in Toronto last weekend. The Band left the PAC Wednesday morning at 9:00 (Warriors Band Standard Time—equivalent to Honeywell Standard Time plus two crashes and a service call) and drove to Halifax in two vans. Well, *some* of the Band drove to Halifax. As of press time, the remainder of the Band was figuring out how they were going to get there, thanks to the wonder of course loads and co-op interviews. However, they did get here safe and sound and tired.

That's how the Band got here. How the team got here is another story, but it'll be incorporated into this one anyway.

The team got to *fly* to Halifax Wednesday morning.

Seriously, the Waterloo Warriors advanced to the Final Four tournament with a last-second 75-73 victory over the McMaster Marauders at Varsity Arena in Toronto last Saturday afternoon. Rob Froese made the winning shot from the top of the Mac key with one second on the clock. The ball dropped through and hit the floor just as the final buzzer went off and CKMS's Tom Valcke transmitted the loudest signal Bell Canada has ever had to deal with over a phone line to listeners in Waterloo. The Warriors gave up a 51-38 half-time lead and allowed the Marauders to tie the score at 59, 69 and 73 as McMaster's new defensive alignment stymied the team. Randy Norris endured seven hits "below the belt" from one Mac player to win Waterloo's half of the player of the game awards. (This fact begs a question from your humble reporter. When you're seven feet tall, what constitutes "above the belt?")

This was Waterloo's fourth victory over McMaster in 1985. They won the previous games by margins of 14, 10 and 6 points. After the 2-point victory was clinched one Band member commented, "I'm glad we don't have to see them in Halifax. They're getting four points better every game."

The Warriors were given the right to play McMaster when the CIAU assigned them the Toronto Varsity Blues as their opening round opposition Friday night. The game became a formality as the Waterloo fans, led by the Band, cheered the team to an early 8-2 lead which the Warriors never relinquished, extending it to 54-34 at the half. In the second half Coach Don McCrae, never eager to roll up the score while every other team in Canada is watching, let the less experienced players have some court time. Toronto won the half by six points, but it was not enough, as the Warriors rolled to a 94-80 victory. Peter Savich was named the Warriors' player of the game for the n th time.

McMaster defeated the Lethbridge Pronghorns 79-78 to advance to the regional final. Lethbridge then defeated the Blues 91-89 in overtime to capture the consolation final Saturday.

There were three other regional tournaments held last weekend to determine Waterloo's opposition in the Final Four. At Victoria in the so-called West regional (featuring two teams from southern Ontario) York defeated upstart Alberta 84-73, while Victoria stuffed Western 76-67. In the consolation game Alberta edged the Mustangs 81-80, and Victoria advanced to their eighth straight championship tournament with a 75-62 victory over the Yeomen.

Winnipeg basketball fans were treated to two (apparently) interesting games as the Manitoba Bisons shuffled Calgary off to Buffalo 57-51, while the home court Winnipeg Wesmen were bounced out of championship play by the Prince Edward Island Potatos, oops, Panthers, 66-61. The Wesmen rebounded to beat the Calgary Dinosaurs 67-60 in the consolation, and Manitoba slowed down the speedy UPEI team enough to win their first regional championship by a score of 75-63.

In the East regional at St. Francis Xavier University in Antigonish, Nova Scotia, the top-ranked Acadia Axemen struggled with the 16th-ranked McGill Redmen before defeating them 73-69, and St. F.X. pulled a small upset over the Saskatchewan Huskies in overtime, 78-71. McGill took consolation for their defeat by beating Saskatchewan 73-58, and the X-Men saved the day for the home-town fans, shocking Acadia 75-74 in overtime (and I thought it happened only in the comic books). The win gives St. F.X. the "home team" designation, at least geographically, for the Final Four tournament.

Here's how the Final Four tournament shapes up then, after the two minor and two major upsets of the Regional Fours. Last night the Victoria Vikings played the Manitoba Bisons and the Waterloo Warriors played the St. F.X. X-Men in games televised by TSN. (Who cares if it's in inverse video? It's still watchable scrambled.) Tomorrow (Saturday) the winners will play for the W. P. McGee Trophy at 2:00 PM (Eastern time). That game is televised live on CTV. Somewhere between Thursday night and Saturday afternoon the two losers will play for the bronze medal (who knows who's televising that one).

Where does the Band fit in? The Band is providing live entertainment at all four games, crashing the CIAU All-Canadian banquet tonight, and running personal supplies of beer back to Waterloo to alleviate the effects of the brewery lockout when the members return. Of course, the primary reasons for going to Halifax are to cheer the Warriors to the CIAU championship (ten years is a long time to go without one), and to defend their unofficial CIAU band championship for the second straight year. Watch for the results next issue.

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Editors: Tom A Ivey

CIAU BASKETBALL CHAMPIONSHIP PREVIEW

University of Manitoba Bisons

Previous Appearances

1971	Second place
1974	Consolation winners
1975	Second place
1976	National champions
1978	Qualifier (<i>GPAC champions</i>)

This Season

second place, GPAC regular season
GPAC playoff champions
Mid-West regional champions

Regional Games

defeated Calgary Dinosaurs (#11) 57-51
defeated Prince Edward Island (#9) 75-63

Rankings

Highest previous ranking: 5th
Entering regionals: 5th
Entering Final Four: 3rd

St. Francis Xavier University X-Men

Previous Appearances

1979	Fourth place
1981	Fourth place
1982	Third place
1983	Qualifier (<i>wild card</i>)
1984	Qualifier (<i>wild card</i>)

This Season

fourth place, AUSA regular season
third place, AUSA playoffs
qualified for regional as host team
East regional champions

Regional Games

Defeated Saskatchewan (#10) 78-71 (OT)
Defeated Acadia (#1) 75-74 (OT)

Rankings

Highest previous ranking: 7th
Entering regionals: 12th
Entering Final Four: 4th

University of Victoria Vikings

Previous Appearances

1978	Fourth place
1979	Second place
1980	National champions
1981	National champions
1982	National champions
1983	National champions
1984	National champions

This Season

second place, CWUAA regular season
second place, CWUAA playoffs
qualified for regional as host team
West regional champions

Regional Games

Defeated Western Ontario (#13) 76-67
Defeated York (#6) 75-62

Rankings

Highest previous ranking: 3rd
Entering regionals: 4th
Entering Final Four: 2nd

University of Waterloo Warriors

Previous Appearances

1974	Third place
1975	National champions
1976	Third place
1977	Third place
1981	Qualifier (<i>host</i>)
1983	Second place
1984	Fourth place

This Season

division champions, OUAA West Division regular season
OUAA West Division playoff champions
Mid-East regional champions

Regional Games

Defeated Toronto (#14) 94-80
Defeated McMaster (#9) 75-73

Rankings

Highest previous ranking: 1st
Entering regionals: 2nd
Entering Final Four: 1st

A Direction For mathNEWS

Two issues ago we had a letter from a regular contributor questioning the apparent lack of direction on the part of **mathNEWS**. Last issue, we carried an item from a former semi-editor who felt that we had become far too serious. As News Editor, I would like to reply to both comments.

Yes, Sauron, we do have some direction in what we are doing. We have been working for several terms to improve the appearance and the content of the paper, with very noticeable results to the positive. We now have regular news items on page three, a regular position for many of the regular items (Gridword, LookAhead, Nobodaddy, Bridging the Gap, Entertainment), and a far more consistent style to much of the content, so that we can look upon the issue and take pride in what we have done.

I realise, however, that in the process, a great deal of lighter material has disappeared in favour of the new material. This is due to space limitations. We run the best of what we can fit in, and given that news items can rarely be postponed, they tend to get one of the top priorities amongst the material. But then, where else do you get news directed to mathies by mathies?

Which leads to another point which was made by dsch in his article *Fear Not*. Mr Schnabel argues that the paper has become too serious. That is because we at **mathNEWS** take our responsibility seriously, and seek to provide the best paper for the cost available on campus. Sure, to look at us, we are not that much at all at first glance, but we try as hard as possible to give what you deserve, a paper that is concerned about its readers and its role to them. Unlike a writer that would not even go to the effort of using the *<shift>* key on occasion to make an article clearer for the readers, we realise that **mathNEWS** is for more than the enjoyment during production of the **mathNEWS** staff, it is for all in the Faculty of Mathematics. From what we have encountered, the paper is far better received this term than in the fall (it was better received last summer and winter than in the fall, for that matter).

Scooter!
News Editor
mathNEWS

Platter Spatter

by Slash Sinatra

Lately I have observed the quality of the average record review has improved. CKLN's *Nerve* did a better job with reviewing *Everything But The Girl* than I did, and in last week's *Imprint*, in an unprecedented burst of style, an excellent (other than the misquoted excerpts from various songs) piece appeared on the record which I am about to review. As I had nothing else ready at press time, and as I did have a few other things to note, I figured I may as well submit it anyway; so here goes...

Lloyd Cole And The Commotions: *RattleSnakes*. [Geffen]

Once again, you people never cease to amaze me. Showing a great deal of musical sense, the Record Store got a whole bunch of copies of this record in stock about a month ago; they have been collecting dust there ever since.

But I must confess the situation doesn't surprise me much. This is the same university that let **Roy Harper** come and go without so much as a raised eyebrow. Never mind that he gave the best show of the term (at least, so far). The man's a legend, dammit. Doesn't believing in what you're singing about matter anymore? Is emotion in music a thing of the past? You people sure got pretty excited when the **Spoons** (a classic sellout team) showed up, or for that matter (cringe, cringe) **David Wilcox**. Sometimes I don't know who the hell I'm writing this column to here.

Anyway, for those of you who may still be with me, I'd like to tell you about Mr Cole and his Commotions. These guys are in the tradition of many other recent new bands to adopt the "homespun" flavour in their music. I must confess that I loved this record the first time I put it on and I'm still loving it. This guy really sings from the heart, and I can identify with a lot of the stuff that he is laying down. Each song is a thumbnail sketch of life and love, and I must say the messages are delivered with such elan that it's frightening. Not only that, but the music is a treat. The title track, in particular, is such an amazing piece of music that the first time I heard it, I had to go back and listen to it again to convince myself that something that good actually existed.

Bands like this should not be overlooked. You should take the time to discover them. The way this guy can throw a line like "Oh, must you tell me all you secrets / When it's hard enough to love you knowing nothing?" into a song that is otherwise just pure hayseed really bends the old noggin. This stuff just wraps itself around your heart like swanskin, and is worth a whole truckload of Culture Clubs. Get this record. * * * *

Next week: commentary.

The Cycle Gang

or How I Joined "The Dots"

I was proud of my new cycle. I took a walk all the way around. It was one complete machine.

Before long, I was out on the isomorphism, driving away from my home graph, out to a forest I knew where there was a great trail. I was about halfway there when I first saw them, coming along on the inverse side of the isomorphism, a cycle gang. I thought at first it was the Satanic Peterson gang, but this group looked much planar than that.

As they roared past, I saw the logo on their jackets. The Dots. They were highest eccentricity gang in the field. They were widely believed to be into automorphism, and were specialists in the third degree.

They cycled back and cut me off. Their leader, recognizable by his girth, confronted me. "That's one odd cycle," he observed.

I was really on edge, prepared to cut vertex and get out, when he surprised me. "Wanna join da Dots?" he asked.

I told him I didn't want to bipartite to such a cyclomatic group "cause I wasn't into automorphism."

"No probs," he said, "we allow all orientations!"

So now I'm one of the Dots, blowing up bridges. When we roll into a graph, we cut down the tree just to make ourselves cycle spaces. If this strikes a chord in your soul, if you've been corrupted by C+O 230, don't waste your life in some subgraph, join us on root 66.

Al "Go" Rithm

Math Grad Ball

It's just one week away, but if you're still interested in going, you can! There are a few seats left. Have you ordered your tux yet? If you call Collin's Formal Wear today you are probably still in luck. Are the flowers ordered? Scharr's is offering a MGB special of 3 sweetheart roses for \$5.00 and a 15% discount on all other flowers.

Sitting arrangements are being done today (Friday) on 3rd floor. The MGB will have mainly round tables of 8 so try to plan for that.

Cocktails are at 6 and there will be an abundance of free punch available. Dinner will be served at 7 pm sharp so please be at Bingeman Park by at least 6:30 so you can hang your coat, get your wine, and get to your seat without rushing. (We have 430 people to seat so it will take a while!) Being fashionably late is unacceptable in this case!

It's going to be an exciting evening and I hope everyone has a good time. See you there.

mathNEWS Advertising Policies

mathNEWS accepts Classified Ads free of charge for inclusion in one issue from any on-campus source. We also accept announcements of Campus Events free of charge from any non-profit or campus related group for inclusion in our *LookAhead* service.

mathNEWS also accepts copy-ready advertising (monochrome) as per our previously announced advertising rates. University-directed operations are eligible for crediting of advertising costs to courtesy accounts, and various campus groups may also be eligible at the discretion of mathNEWS. If you are interested in advertising in mathNEWS, contact Marcel Kahnt at (519)-885-1211, extension 2324. Deadline for advertising in the next issue is March 25 at 4 pm.

Entertainment

by Marcel Kahnt

As the term comes to an end over the next couple of weeks, there are various things going on of note. Along with the usual things at the theatres, the Arts Centre, Fed Flicks, and Cinema Gratis, MathSoc has a couple of pubs coming up, and the one and only Math Grad Ball is March 23. If you are graduating, or hope to soon, it is something which you should certainly not miss.

Pubs

MathSoc had originally planned to hold its famous Wine and Cheese pub March 16 at Club 750, but the pub manager wanted to hold a St. Patrick's day pub, and so Club 750 and MathSoc are co-running the resultant pub. In addition to the green beer, there will certainly be plenty of green wine (you know, Canadian wine comes in two colours, green and brown), but you get that whenever you ask for a domestic white wine (Cold Duck, the ginger ale of champagnes).

The Sure Thing

Starring John Cusack, Daphne Zuniga, Viveca Lindfors, Nicollette Sheridan

A Monument Pictures Production

Distributed by Embassy Films and Pan Canadian

Directed by Rob Reiner

Produced by Roger Birnbaum and Andrew Scheinman

Executive Producer Henry Winkler

Playing at Odeon

Sound's like another of your teenage fun and romance of two people from entirely different background movies? Well, it is, ... sort of. I must admit, the meathead did not too bad of a job on this one, partly by good casting, partly by enough reality interspersed in the satirical portions to add a special bite to certain situations. It is, however, weak when it comes to portraying the changes that come over Alison (our heroine), once she finishes her coast-to-coast trek with Gib (our hero). It is simply a problem in continuity of the story, a problem which can easily be overlooked, as anyone could predict what was going to happen. Gib's final solution was different, and impressively written, and Mary Lou, who saw the showing just after me (so that's who she is!), was saying the day after when we ran into one another at the Bombshelter (neither of us could get into My Larry's Party at Club 750) that she felt it showed a boy coming to learn about how women really are, not what *Penthouse* portrays them as. I think that she is right when she points that out, it is a far more positive movie than most of the teenage fare. I'd say it is a pretty good idea to try and see this one sometime.

Fantasia

Walt Disney Productions (© MCMXL)

A Buena Vista Distribution Re-Release

Conducted by Irwin Kostal

Based on Original Soundtrack of Leopold Stokowski

Soundtrack available on Buena Vista Records

Playing at Frederick Mall

I've seen this twice. I plan to see it a third time. I plan to see it a fourth time. I plan to take my children to see it when they come into existence. I plan to take my neighbour's kids to see it. Everyone (and that includes you) should see it. Although the film itself is somewhat worn over the years, the entire movie has been recently re-recorded with Digital Dolby sound, and now the movie is actually in sync with the music (it used to be two frames out of sync). This is, according to the *Toronto Star*, the only Disney movie in continuous distribution. If you have never seen it, see it. If you have seen it, you'll likely want to see it again.

Fed Flicks

This weekend is not *Ghostbusters*, as had been originally advertised, but *Moscow on the Hudson*, with Robin Williams. I found the story boring, and so didn't actually go to see this one, and front what I heard, I wasn't much off the mark. It's okay, but it isn't *Ghostbusters* (I understand that there are some sort of legal problems concerning *Ghostbusters*, in that the creators of Casper claim that the ghost that Columbia Pictures uses for the movie is the spitting image of one of Casper's relatives, still under copyright. The creators of Casper supposedly want some enormous sum (the bulk of the movie's profits) and the destruction of *all* copies of the movie in their suit. Meanwhile, the ghost still appears in various places, including ads for a product of Columbia Picture's parent Diet Coke, but the movie is apparently frozen from being shown.).

Next week, however, is nothing other than *The Rocky Horror Picture Show*. I'll leave it at that for that one.

Cinema Gratis

The Turnkeys are bringing out this Wednesday a double feature: *Two for the Road* (20th Cent. Fox 1967), and *Guess Who's Coming to Dinner* (Columbia 1967) as a Katherine Hepburn evening. The following week is the "eating out" night, with *My Dinner with Andre* and *Eating Raoul*. I haven't seen the former, but the latter is, ... well, different? Why it is different would give away the plot, so let's just say, ... it's different.

mathNEWS Subscription

Horror Theatre

Awoooo!!! Hi kids, Count Dave here. Do we have something scary for you. **mathNEWS** subscriptions for the Spring term are available once again. Just come on down to MathSoc before the end of this term and leave \$3 and your summer address. **mathNEWS** subscriptions are great for co-ops, grads, and those who just want something scary to read this summer.

So, if you subscribe, prepare yourself for the sheer terror of dan schnabel attempting to spell his name on an APL keyboard (*DAN SCHNABEL*). And **mathNEWS** staff like Doctors Ernie, Bert and Oscar, and even Alfred Ed von Neumann will appear this summer (Oooo,,,"wasn't that sCary kids?). And you can't wait for Tom Ivey to prepare something really horrifying (like *Noblooddaddy?*) So, get your 3-D glasses, your address, and your cash to MathSoc and prepare yourself for this summer's issues of **mathNEWS**.

ADDITIONAL FOURTH YEAR COURSES

The following course offerings are in addition to those listed in the 1985-86 calendar:

CS 400 0C F,F,F

Artificial Stupidity

An introduckshun to teckneeks of prowgraming cumputr to simulait humn stupidity. Topicks inclood illojic programing, novice sistms, programing in LIMP and LOPROG. Adishunl marcks wil be deeductd for assinements cupleeted and handed in on tiem.

CS 4444... nC F,F,F....

Confusability and Redundant Function Theory

This course covers the study of Confusability and Redundant Function theory. Confusability and Redundant function theory, the study of confusability and redundant functions, will be discussed.

(Not offered in the Fall term.)

This course cannot be counted towards an honours computer science degree.

Prereq: Fourth year standing in honours computer science

CS 424 168L F,W,S,F,W,S,F,W,S,...

Real-Time Computing Assignments

An introduction to the completion of computer science assignments in real time. Students will be assigned a project requiring a minimum of 24 hours of work per day to complete. The project will involve the implementation of a complete microprocessor-based UNIX-like operating system (there will be a small lab fee for silicon and copper ore). In addition, students may, if they wish, implement time-sharing on themselves in order to sleep, eat, etc. Students who complete their projects will be awarded bonus marks and a dignified burial.

ESA & DRS (RoseBusters)

FeedBack

Sauron Cover-Up Exposed

Who is this Sauron anyway? What is a mutant, part-time pterodactyl's real beliefs? Is he really on the side of "odd" numbers?

Maybe, but his article uses 14 sentences, the organisation he represents have 22 letters in their name, and most obvious of all, "Sauron" itself uses 6 letters.

Perhaps he is trying to draw attention away from the real travesty of numerical justice: what of the "negative" numbers? I mean, you try and keep some self-respect when you are less than zero—less than NOTHING!!

I propose that Sauron is not a member of N.E.L.F., but rather, a member of the infamous C.F.A.M.P.U. (Coalition For A More Positive Universe).

It must be stated, however, that I do not lean towards any numerical alliance; I wish merely to suggest possibilities.

PROTEUS

Bridging the Gap

by Mary Lou Kannon

It took a lot of rushing, but I am actually getting this together. I had a letter come to me from someone concerned about a friend the other day. It seems this friend is getting married to a guy who is finishing at the end of the term from Seneca college. The writer is worried that the friend may abandon her studies, which are currently looking very promising. This person has been going through 1B with an average of well over eighty percent.

Well, not having been in the same position myself, it took a great deal of thought and even discussion with various friends. Love is a wonderous thing, and if the writer's friend is happy about her planned marriage, I wish her the best of luck. But the writer seems worried about whether this has been the right choice on the part of her friend. Those getting married in University often find a difficult time of things, as they need to keep up their studies, keep close to their significant other, and still wish to keep up with their other friends. The writer is right to be concerned about her friend continuing her studies, as the first year of a marriage is the hardest, as it is necessary to adjust to married life and the various perks of one another on a regular basis. To maintain studies on top of this is asking possibly too much, although the writer does say her friend's marks are quite good. Second year, however, is something of a change, and can frequently be rather traumatic, so it might be too much of a challenge in that sense.

If the person in question was in second, third, or possibly even 4A, I would suggest holding off until graduation to get married. In this case, I am split. Is the friend so committed to marriage that she is willing to sacrifice her studies? What does she plan to do when she graduates, and could she do this without finishing here? These questions are things only she can answer, but they should reveal whether or not she is making the right decision. Whichever way she chooses, I am happy for her and wish her the best.

St. Patrick's Day Bash

Special

green drinks

Heat-resistant

Sat. March 16 at 8:00 pm

Club 750 (Fed Hall)

GROP!

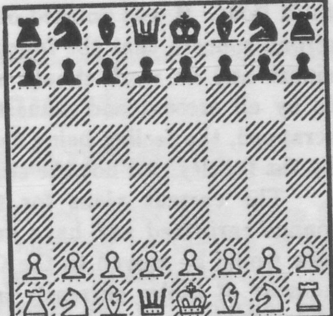
Countdown

prizes

To St. Patrick's Day

The cost is \$1 for Pubs and \$2 for non-Pubs

special prices



White to mate in 47 moves.

Nobodaddy

Part Six

A castle sprang up to greet them. Fred followed Odin up a multicoloured shimmering bridge that reminded him of tapioca. (Or was it Tapiola?) Although steep at first, the bridge leveled off and led them to a massive stone entrance. Petrified lizards crawled up pillars on each side of a oaken door with an elaborate lock. The god pulled a great iron key from beneath his bearskin cloak and placed it in the portal. The turning key filled Fred's universe with sound — horrible screams, sepulchral gurgles, blind groans in dark places. Dragged in by an awful wind, he was in a round hall with decayed stone walls that led up to infinity. Once more the universe was shattered by the sound of a staff on stone. Fred looked up to find Odin standing in the centre, taller than ever.

"This hall is the mingling of histories. You will find here the dross and salvage of shipwrecked worlds."

Just then a Roman soldier span across the chessboard floor, holding trophy-like a scalp of punic hair. Then like an image in an hourglass the creature vanished. It soon was like a little parade. Fleeting simulcra emerged from ranks and files in the far corners of the chamber. They were ghosts and yet Fred felt very much a ghost beside their reality. Cries and whispers echoed off the remote walls.

"Ana, Ana, yeli zhibakthani."

"Thou shalt hold what aught thou pluckest, and in the wind ..."

"The pseudoscience of that time was primely obset mith the search for increamingly vaster ways of gesting nowhen."

"Wind what wot wit what wasp withered ..."

The characters were seemingly oblivious of each other, and each was involved only in his own esoteric ballet. Yet they still danced, sang, fought, and swore at each other. Odin's voice rode over the cacophony.

"Come now and leave them to their play." Fred followed down a quiet passage leading off into darkness. "With each breath they recreate history. Oft I let them weave the strands

in different ways, choosing then which way is meet. Men are no judges; their justice is the justice of dust, dissipating in time."

An ugly dwarf sprang out of the shadows at them. "Ask ye characters? Aye, thar be crewel punishment." Momentum carried Alberich's hammer crashing down on the floor. The stone cracked and span. The dwarf raised his horny hands to the vanishing ceiling in supplication. His eyes went entirely black as a huge block of veined stone plummeted down on him.

"That is you, should you refuse to learn. Alberich the immortal, impotent in his anger. He will return to haunt me."

They had come to a long mirror standing in the middle of the hall. Odin began a long low, monologue in hushed tones to his own reflection. Fred strained to hear the words but they came across only as music, long low trombones and tubas in sombre procession. Finally the god turned around, straightened an ancient bent body, and removed his eyepatch. A single black gem gleamed in the socket, radiating darkness.

"You shall be vouchsafed a vision of the world as it is, and as it will become. Four strange travellers have I summoned here to this purpose — none before you have felt fear. They all failed. And it is my ruin, the ruin of this house, this world, that I embrace in summoning you. Still, my debt must be paid."

In a moment there were cats everywhere, roaming the floors and rubbing against them both. Fred wanted desperately to speak, to stop the film, to waken from this kitsch-ridden Wagnerian dream. He only squealed, rather like the half-man, half-fly caught in a spider web in some Vincent Price horror movie playing to a small audience in the back of his mind. The cats screamed in unison, a double diminished chord exactly one octave below. To this Odin added his organ chanting, trumpets *en chamade* booming down the nave and transepts of that awful moment.

No cadence came. The cats leapt a full fifteenth, claws tearing at his flesh. For some reason he thought of evolution as he tasted his own skin and blood boiling outward. Sixteen tympani burst his brain and his existence was broken by the reverberating dissonance.

(to be continuous)

Lounge Renovations Proposed

Redd Capp, A.L.E. (Articulate Lounge Expert)
mathNEWS staff

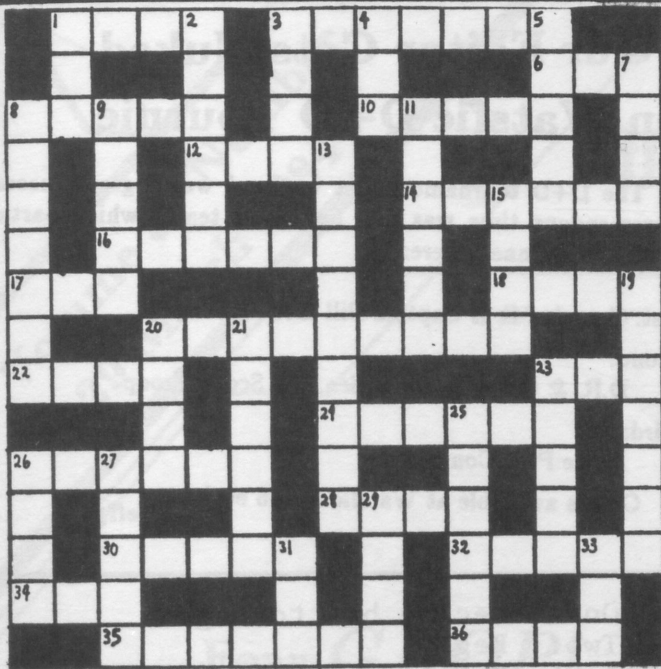
Waterloo[mN]— On Thursday, March 7th, a meeting was held concerning the renovation of the smoking lounge on the third floor. It was pointed out at the meeting that there was a strong concern that the function of the lounge as a place to socialize and do work should not be changed. This was agreed to by all present and plans to have study carrels put in were scrapped, the feeling being that study space should be provided by the faculty and not the students.

The current plans for the renovations are to have the lounge carpeted and have drapes put in. The tables in there now would be moved to the C+D lounge, thereby doubling the number of tables currently in the C+D lounge. The couches along the walls would be removed and replaced by new furni-

ture. It was thought that new couches, chairs, and coffee-tables similar to those in Club 750 (lounge section) would be best.

The final issue was the changing of the "smoking" lounge to "non-smoking". This was deemed necessary because of the new furniture being put in and the concern over possible damage caused by cigarette burns and the smell that would linger in the furniture. The decision to change to non-smoking was made because most present at the meeting felt that the lounge would be able to be enjoyed by non-smokers and smokers alike. If it was left as smoking only, it was felt that many non-smokers would not use the lounge. In order to give the smokers a place to smoke, it was decided that ash trays should be installed in the benches located outside the lounges.

These plans have yet to be ratified by MathSoc council this term. If approved, the council for the coming spring term must also ratify the proposal. If they approve, the lounge would be renovated this summer in time for the next fall term.



Frank Letniowski
mathNEWS staff

Across

1. Is it rare to raise children? (4)
3. Either way, a girl is split between a number of aerials (7)
6. A key opposite the weapon (3)
8. It works automatically (5)
10. A beat to slow down (5)
12. Implement in excess of fifty (4)
14. and 13 down Get back finally by giggling? (3,3,4,5)
16. Sells about a thousand odours (5)
17. A thing possesses or exists when contracted (3)
18. Spring comes in the meadow softly (4)
20. A chariot for the living or sometimes the dead unfortunately (9)
22. It's an honour to be on his list (4)
23. The Sinai region has atmosphere (3)
24. Rushes to the escorts (6)
26. A paper about to be seen (6)
27. Laugh about the rodent (4)
30. Part of the act was noticed, I hear (5)
32. It's important that fifty left at four (5)
34. I started to be encountered (3)
35. The serpent will stop on the pavement (7)
36. No points (4)

Who:
Which:

Down

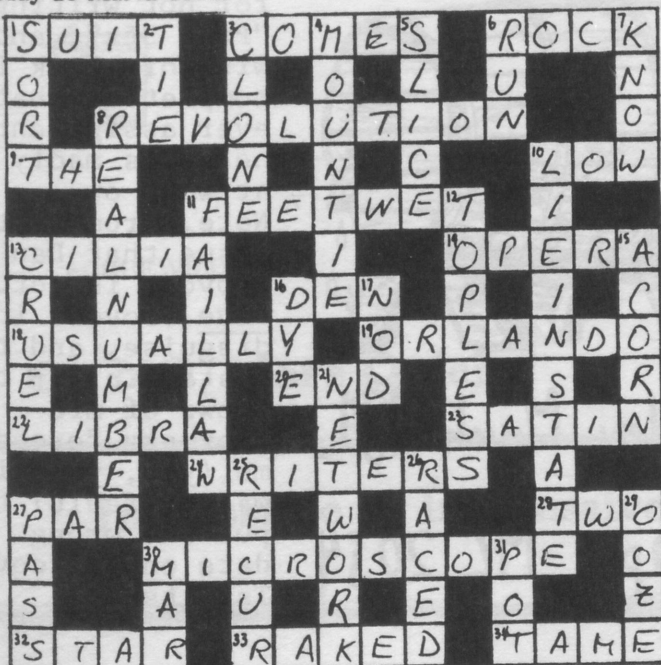
1. A river or a small city (3)
2. Confuse the latter (6)
3. Note up to a high male voice (4)
4. Ate in the afternoon? (3)
5. A respectable man representing other people (5)
7. Agree with a point at the base of a stem (4)
8. Take away the scattered cinders (7)
9. The bigwigs are metallic (5)
11. A way to pray near a man, I hear (2,4)
13. See 14 Across
15. Thus seal the deal (4)
19. Prefers a piece of (7)
20. A neat arrangement to stake (4)
21. A farm building about which is a desolate area (6)
23. One for our side as placed (5)
25. Number a letter equally (6)
26. He was first to build a water barrier (4)
27. Taps a strange noodle (5)
29. A nut of a relative (4)
31. Exist up to this age (3)
33. Top or bottom of the suit (3)

A Midsummer Night's GridComments

By Not Frank Letniowski
mathNEWS staff

Well, the GridSolvers are still at it! This time, we had entries from Robyn Landers, Suzanne Langdon, David Lozinski, John McIntosh (no John, the contest winners are *not* fake), Catherine Olinski, and Randy Richard. However, the amazing team of Carter, Edwards and Rozee are the big winners of the GridWord not-so-secret prize.

Thank to all those who entered. If you didn't win, at least you're getting *fame*. You have one final chance this term with this issue's GridWord; just complete it and submit it to mathNEWS via the third floor black box before 2359 hours, Monday 25 March 1985.



Errata, Elucidation, Addenda and Apologia

Last issue could aptly be described as our Time Warp issue. Notice that the dates that appeared on the top of our pages last issue were two weeks later than the cover date. We apologise for this horrendous oversight and we shall deal with this a little better in future issues.

Musings

Have you seen those terminals in MC 3007? I have heard that they would normally have set the University back \$ 5 000 each, had it not have been for the WATDEC agreement. But it is that very same agreement that raises a few problems as to their usage. The agreement requires that all of the new DEC equipment be used for research purposes and not strictly education or administration. That means that we are not really supposed to have access to them, were it not for an ingenious idea by the professors of Math 130B and the Maple group. These terminals are being used for "research into educational methods involving computers!"

But that has caused some jealousy on the part of those of us who had Math 130B in a previous term. While we search for a vc404 or kd404 to connect to a UNIX system, or anything with at least two-thirds of the keys working to connect to CMS, here is MC 3007 with a multitude of beautiful vt240s connected to sytek (which is important when the system you use doesn't have a single gandalf line) sitting virtually empty.

I ask myself, are these machines actually sufficiently sturdy for a student lab? Considering that a great many engineering and mathematics professors use computers for their daily research work, and that most work on vc404s, I think I would feel that the terminals would be far safer if they were in the professors' offices, and their vc404s, at least those owned by the University, were put in MC 3007. In that situation, we would be free of the temptations to wander in (not to say that we do) when the other terminal rooms are full, or even when they are not.

But they are still nice terminals...

Scooter!
News Editor
mathNEWS

Our Editor Gets Nuked in Watsfic D+D Tournie

The D+D tournament last weekend was a great success. A tremendous time was had by all 22 teams which participated. The winners were:

First: Generic Mk II Captain Bill Ince

Second:

D.R. & Quinch's Real Men Boy Scout Troop

Third:

Acme Pest Control

Copies available at Watsfic for \$5 each.

Jeffy

Step One: Decide how to begin.

Step Two: Begin.

All right, this issue was brought to you by the letter Q, the symbol i , and the number 3.7492; not to mention Dave Leibold, Scooter!, Ian Sargeant (disinterested observer), Colin Biggin, Ken Shirriff (the butler did it), dwarf (Halifax-bound), Rick Kuzell & Barb Stankiewicz (cover), and me, for no particular reason. Contributors included Georg Mandrive (MSoc, Nobodaddy), Scooter!, W. Jim Jordan, Slash Sinatra, Anne Kristensen (MGB), Marcel Kahnt, djcl (subscriptions), Mary Lou Kannon, Redd

Capp (lounge),
Jeff Kyer (watsfic),
and Frank
Letniowski.

ORIENTATION '85

General Meeting

Do you see this \Rightarrow
This is a keg!!
Yes, it is empty now.
But, nevertheless,
we are having
another meeting...



Monday March 18th

4:30pm MC 2034

We should also thank Watts, for opening up the CSC, for not writing a "Prez Sez", and wish him luck in completing whatever assignment he seems madly at work on.

Note, from last issue that Dan Provost is actually Dave Provost in disguise, and that nostalgia for the snows of mid-February forced me (yes, yes, it was my fault) to put the wrong date on the cover. Tsk, tsk.