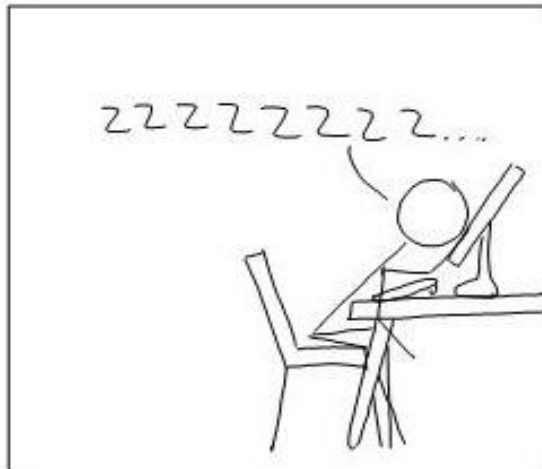
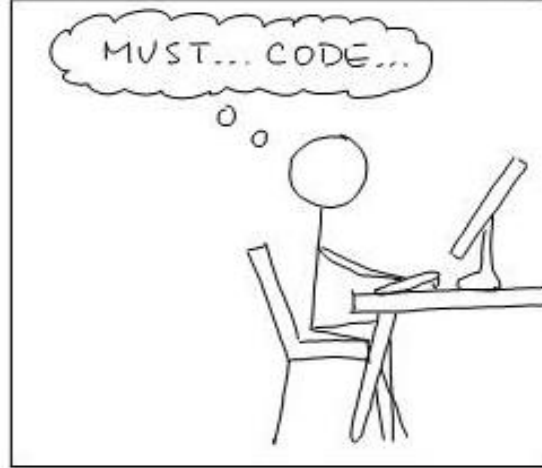


# math NEWS

Volume 113, Issue 4

Friday, June 25th, 2010

## WISHFUL THINKING



**lookAHEAD****mathNEWS**

June 25	Issue 4 is out today!
July 5	Production Night #5
	Meet in MC 3038 at 6:30 PM
July 9	Issue 5 shocks the CUMC

**MathSoc**

June 25-26	WiM and MathSoc Wasaga Beach and Camping Trip
July 1	Canada Day with MathSoc
July 9	End of FIFA in the Comfy Lounge
July 23	Instructor of the Year Nominations End

**CECS**

July 1-2	University Closed (Canada Day weekend)
Ongoing	Interview and Ranking process

**Faculty of Math**

June 21-27	Pre-enrolment for Winter 2011
June 26-August 2	Withdraw/Failure period
July 26	Open Enrolment for Fall 2010
July 28	Lectures End

**Miscellaneous**

July 6-10	Canadian Undergraduate Mathematics Conference
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**VPAS SEZ**

Hi readers!

A few message from your VPAS here. First, we are still recruiting volunteers for Canada Day (Thursday, July 1st) and Student Life 101 that will be happening on Saturday, July 24th. If you are interested, please don't hesitate to email me at [vpas@mathsoc.uwaterloo.ca](mailto:vpas@mathsoc.uwaterloo.ca)

Second, come out to watch WORLD CUP in the comfy during weekdays when there's a game to take time from stress. There will be concessions available for sale sometimes like popcorn and cotton candy.

Overall, make sure you drop by the 3rd floor of MC and check out our "What's New @ Mathsoc" board right across from the C&D or as some of you may know it as the right angle cafe to get the latest updates on what will be going on during the week.

Cheers!

Joycelin I. Karel  
Vice President of Activities and Services  
Mathematics Society  
[vpas@mathsoc.uwaterloo.ca](mailto:vpas@mathsoc.uwaterloo.ca)

**How to tell if an assignment or exam is good**

There is a very simple way to evaluate an exam (or assignment) for quality. Get an expert in the subject to write the exam (without attending lectures or reviewing course notes). The closer their grade is to 100%, the better your exam is. In general, this thought experiment illustrates the problem I have with many university exams. It is too often the case that exams have questions which could only be answered by attending lectures. If that is the case, I would claim that no actual learning is taking place.

Thor

**mastHEAD**

So this week *mathNEWS* is going through a few changes. InsideED is stepping down as editor, leaving myself, CorruptED and the new FuzzyED to grasp the reins. Where this horse is going, I'm not sure yet. Hopefully not to become a bad horse, like the thoroughbred of sin. FuzzyED will be the only editor in the Winter 2011 term due to psychostreaming and failure, thus he will have to get used to the shock of doing a ton of work. Too bad he's not here today to feel the pain. I'll be back on this stream in Spring 2012, but for two terms he'll be fairly alone. He may be eaten by a grue.

With this and other events that have been happening to *mathNEWS* lately, one could almost say that we're undergoing a "series of unfortunate events". This leads us to this week's *mastHEAD* question: "What is your favourite series?". The sum of the sequence of their answers is as follows: Unnatural Futurist, "Arithmetically Geometric", InsideR, "A Series of Unfortunate Events — it's very relevant this week.", snippet, "A divergent one", perki, "One that converges when I want it to", CorruptED, "A series of increasingly unlikely and magical adventures", image, "Seriez Buzines".

Returning to an old tradition, we thank Graphics for consistently printing our rag for us, and hope to be printing far into the future, to infinite series and beyond!

GroovyED

The World Series, for the international contradictions.

**The End of an InsidERA**

As the weight of academia has begun to crush this unsuspecting editor, I will be resigning my post effective today.

Thanks to everyone who made my 18 months at the helm of this newspaper enjoyable.

InsideR

**I want to say something too!**

*The other editor got to!*

Now that InsideED has retired, I'm the most senior editor this term. Isn't that weird? I thought so too. I'm mostly here for the Eccentricity factor.

CorruptED

**ISSN 0705—0410**

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Insane, Angry, and Absent: Jeff Bain, Harrison Gross and Will Hughes.

## A terse description of libel

*Or, defending the right to call you an idiot*

A fortnight ago *mathNEWS* was accused of printing a libelous statement. I'll get back to that, but first I need to lay some groundwork.

The most important thing to know about libel is, ultimately, what *is* and *isn't* libel is left up to the courts.

The second most important thing to know about libel law in Canada is that the truth *is not* an absolute defence. In order for a statement to not be found as libellous, the author must reasonably believe it's true *and* have a reason for making the statement which is in the public interest. (You want "truth" to be an absolute defence? Move to America.)

With that out of the way, the issue at hand: last issue, *mathNEWS* insinuated that *Imprint* president E Aboyeji was an "idiot" based on questionable assertions he had made on his twitter feed. Aboyeji contacted his lawyers, demanded a retraction from *mathNEWS*, and got it. You can find a thorough account on his blog, [eisforerror.blogspot.com](http://eisforerror.blogspot.com).

Even though I don't necessarily agree with the statement, I feel compelled to defend *mathNEWS*'s right to call Aboyeji an idiot, just as I defended Aboyeji's right to call the UW administration a "big bad bureaucracy" [Aboyeji, 2009c], allege that they think we undergrads are nothing but ants [Aboyeji, 2009a], or that they don't give "a shit" about undergrads [Aboyeji, 2009b]. (And in case you think there's a difference, yes, defamation can apply to a group of people [Williams, p. 20].)

I will note that the strength of the word "idiot" is sufficient to win a defamation suit [Brown, p. 72]. However, there are other factors to consider.

Wording isn't interpreted according to literal definitions, but how a reasonable person would read the statement, in context [Williams, p. 117]. For example, if I called George Bush a "wanker", I would not have to prove that he regularly masturbates furiously. In Aboyeji's case, the judgement of libel would not depend solely on the word "idiot" but also the context it was presented.

One generally cannot win a lawsuit over a statement intended to be humorous in nature, so long as a reasonable person wouldn't take it seriously [Brown, p. 191]. Since the word "idiot" was used as a humorous twist on Aboyeji's column title, *E is for Error*, there is a case to be made for this defence.

Also, one must not lose sight of the fact that *mathNEWS*'s comment about Aboyeji was prompted by posts he made to Twitter, asserting that *The Chevron* is an illegal publication. Since he publicly wrote about a public campus matter, one could make a "fair comment" defence. In *London Artists Ltd. v. Littler*, it was stated:

*"A man may comment honestly on the conduct of others, with resulting hardship to them, but in all cases the victims must have put themselves in a position where they expressly or impliedly invited public attention, or else comment on them was one of the accepted risks of their activities."* [Williams, p. 116].

Since Aboyeji posted his comments *on Twitter*, this almost certainly applies. However, I will note that the defence of "fair comment" does not apply to personal abuse or comments in-

tended to be malicious [Williams, p. 114]. However, it is up to the plaintiff to prove malice [Brown, p. 704].

To make contentious statements and actually stand by them in a court of law, one must have the willingness and resources to fight. *mathNEWS* opted not to fight, so we'll never truly know whether the statement was actually libel (remember, only a court can definitively declare something to be libel, in this case a lawyer merely claimed it was so.)

I think this whole situation unfortunate. Now those who would criticize Aboyeji have to worry about facing the wrath of his legal team, since he has demonstrated he will (hastily) play that card. I'm afraid that will have a chilling effect on free speech on this campus. When there is no free press, it hurts everyone.

*Standard disclaimer: I am not a lawyer, and this is not legal advice.*

Michael L. Davenport



### References

- E Aboyeji. On UW leadership and the price of tea in China — part 1, May 15 2009a.
- E Aboyeji. False hope, November 6 2009b.
- E Aboyeji. What we really really want, December 4 2009c.
- Raymond E. Brown. *The Law of Defamation in Canada*, volume 1. Carswell Co. Ltd., 1987.
- Jeremy S. Williams. *The Law of Defamation*. Canadian Legal Text Series. Butterworth & Co. Ltd., 1976.

## A Note About Unix Passwords

In the June 11 *mathNEWS*, an article by InsideR reported on apparent problems with password management in the math undergraduate environment. Thanks for bringing this to MFCF's attention. First, our apologies for inadequate publicity about the change in password management. Please check the undergrad web site for further details <http://www.student.math.uwaterloo.ca/>.

We have not changed your Unix password to match your Quest/WatIAM password. What we have done is enable the Unix machines to check with WatIAM, rather than rejecting your login attempt, if the password you type does not match your Unix account's password. If WatIAM confirms that you've typed your WatIAM password, the Unix system lets you in. This also automatically resets your Unix password to be the same as your WatIAM password.

If you never type your WatIAM password at the Unix login prompt, you can continue to keep the Unix password different from the Quest/WatIAM password. Also, if you change your Unix password, it will not propagate up to WatIAM, so you can reestablish distinct passwords even after having used your WatIAM password.

If it doesn't seem to be working this way for you, please notify us at the Help Centre, including the time at which it misbehaved, so we can examine the debugging logs that we've enabled for this purpose.

## Thor's CS Problem of the Fortnight

### *Geolocating the IP of Computer Science*

**Last Fortnight's Question:** A problem I often run into is optimizing my allocation of files across my many, many hard drives. I've got thousands and thousands of files, and at least a dozen hard drives, all of different sizes. Since I'm cheap and/or poor, I don't want to buy any more hard drives than necessary. How can I allocate files across my hard drives in such a way that I minimize my storage requirements? Splitting files into chunks is not an option!

**Its Answer:** This is the Bin Packing problem. Given a set of items with different sizes, and a set of bins (hard drives) to put them in, how can you minimize the required number of bins? It's one of the old-time classic NP complete problems, so I hope you're not in the mood for exactness. As usual, we'll tackle an NP-complete problem from the perspective of heuristics and "good enough" solutions. The standard approach for doing this is to sort your files in order of size and then insert them. Insert them one by one into the first hard drive that will fit them, and start on another hard drive when you can't fit it. This approach is easy to implement and can be gotten down to  $O(n \lg n)$  with a binary tree to keep track of the space on each hard drive. This is called the first-fit algorithm. When this isn't good enough, there are approximation algorithms that can solve bin packing to within any fixed percentage of the optimal solution. This is what's called a polynomial time approximation scheme.

**This Fortnight's Question:** Suppose you are implementing a mapping service. Users are going to query systems with latitudes and longitudes, and you need to return which country contains the provided latitude and longitude. How would you implement this service?

Thor

## My Anger Towards Telemarketers

### *Honestly, where do they learn manners?*

This has happened several times and I'm very much not happy about it. Don't telemarketers know manners? Not to call people for service in the weekends or at night when people are having dinner. Yes, I will credit this article to the person who said "I smell a *mathNEWS* article coming along" and here are a few suggestions (that I got from friends' comments) on how to deal with telemarketers. (The common one being saying "Sorry, I'm not interested" and then hang up; or just hang up directly.)

1. Use your best immigrant accent, tell the person "No English. Me No English" or something like that.
2. Pull out your best baby voice, tell the person your parents aren't home and that you're under 18.
3. Try to sell them your hamster and don't take no for an answer.
4. Tell them you'll sue them.
5. Call 911 and tell them that someone is selling you porn over the phone. (If only you can start yelling RAPE!!)
6. I don't register my phone under my real name, so I'll always say "Sorry you got the wrong number" but if they just keep

selling you stuff, I just keep quiet and then hang up.

7. Make your best Joker impersonation voice and say "I know where you live, and I know what you did last summer."
8. If you know where his/her accent is from, start talking with their accent and say "No sir/maam" until they are tired of talking to you.
9. Start singing Lady Gaga's Telephone song, and when you end the first verse, you can hang up.
10. Make a creepy stalker voice and start selling things to them.

Okay, that's all that I can think of and what my friends told me to do. I hope it helps you deal with telemarketers.

Your pretty-mad-and-not-wanting-to-deal-with-telemarketers,  
Sexy Whore

## Panda's Pokémon Pilgrimage

### *Gym Leaders Part 2!*

*[Last time we saw, PokéTrainer Panda had just defeated Morty's sequence. Now, he's on to battling Chuck! — CorruptED]*

The real surprise of the day came when I moved to Chuck's fighting gym. That should be a cakewalk for Zapdos and Scyther, as Flying had an advantage over both, but the first Pokémon his minion sent out was... Rhyhorn. Bah! I swapped to Tauros quickly in hopes of Surfing it to death, but Rhyhorn's specialty was... Horn Drill. With a 30% acc against my Lv 100's and even higher against Tauros. One surf in and it got KO'd. Scyther was up next, and managed to get one hit in before succumbing to the drill. That left me with only Zapdos vs Rhyhorn who was getting low on health. I Drill peck, and it didn't KO! Rhyhorn Horn drills! It missed! Reprieve! I drill again to end it, and out came Seaking. Easy, right? My first attempt at Thunder... misses. I cursed, but Seaking follows up with a Horn Drill and also misses! My second thunder connects and it goes down. Finally, it was Zapdos vs Hitmonlee! Worrying about potential Counter, I thunder it, and finished with a drill peck. That was a wild one!

If you thought that was painful, the next battle was Chuck, and he led off with a Sandslash to my Scyther. No biggie, Sandslash probably doesn't know Rock Slide, so I thought. I swords dance just to eat a Rollout in the face. I quickly use a HP Bug to bring the health down, but Scyther then died to Rollout's 2nd hit (The power doubles each turn). It came down to Lv 60 Slowbro or Lv 100 Zapdos. Since Zapdos wasn't likely to do much, I send out Slowbro, and used Surf. Sandslash used Rollout... and it didn't actually KO Slowbro! I thought I had won the battle, until Slowbro's Surf left Sandslash with 20HP remaining. Down went Bro. Zapdos was my last hope, but a drill peck finished Sandslash, and luckily, Chuck went to Machoke. I thunder to test for Counter, and it criticals! It's a one hit KO! Chuck goes to his last one... Poliwrath! A thunder ends that battle, and boy, was it close.

Since the next gym was Jasmine and the Steel types, I figured I should stop there as neither Zapdos nor Scyther can take on a Steel type at all. Alas! That's all for now, see you next week!

PokéTrainer Panda

## A Mathie's Night Out

### *Adventures in confusion*

It was last Saturday night. The cool Waterloo breeze finished off a night of barbecuing for the family. I then received a message from friends to leave home for a night of drinking and debauchery. I pulled on my shirt, and headed out towards the GRT on King Street.

I was sitting on the bus when I received a phone call. A good friend wanted to know what I should start with. I named a beer, and when I arrived it was sitting there for me at the table. Three hours later, it was myself, that same friend, and a person of the female persuasion.

She needed a way home, but my good friend only had his motorcycle; without an extra helmet he refused to take the risk. So then instead of getting a taxi she stated that she would walk home. I was all right with this, my friend was as well. She then was angry that we would let her walk home alone. This is when my confusion was maximized. I ended up going with her to her dismay instead of the friend giving her a ride.

We made our way down Bridgeport from King, after walking past drunk people like ourselves. She began to explain to me what I needed to do to "get" women and started picking flowers to show me how it's done. After various things of this nature (including arm linking) we ended up at Lincoln and Weber.

Believing that I have no fun in my daily life, she got me to go up to the top of a hill and we rolled down it multiple times. I was surprised I didn't throw up after this. Insisting that I admit I had fun, she decided we were going on an adventure. Going behind some day care centre, she began climbing a fence. I noticed there was a gate and simply walked in, chuckling to myself as she tumbled over the top. Passing through three more fences and tripping a security light, we ended up fairly trapped in between fences and trees.

With my last wits about me, I took her hand and we made our way through the maze until I found a suitable spot to jump over a fence. This fence managed to launch me rolling into a personal vegetable garden when I jumped on top, making me tumble into the dirt. I helped her over when she expressed not wishing to meet the same fate.

We escaped back out into the residential area off of Bridgeport, and made our way to Lincoln and Margaret. Here we parted ways, myself and the Math girl from the University of Toronto who wished to help a fellow Mathie. I didn't let her know explicitly, but I admit, I had fun. The flower in her hair was a nice touch as she strolled away in the moonlight.

Ice Nine

## Dating Command's in Demand

Guess what? I'm still date-less! Aren't you surprised? Well anyway, I'm going to answer some dating questions today. The **BLACK BOX** is so full of dating questions it nearly fell off the wall this week! Keep the questions coming up people.

Oh, and a shout out to the girl who shot me down this Friday at McGuinness after the England match. I don't blame you, England's loss would've made anyone irritable. I'll see you next Friday.

### **Hi Date-less,**

My boyfriend's been ignoring me ever since the World Cup matches started. We never hang out anymore, and I just don't know what to do, I'm losing my man! Please help, I'm desperate.

**Advice:** Ok, I've got about 15 of these exact same questions from different girls this week (and 2 from guys). So here's the good news: once the World Cup ends during mid-July, your boyfriend will be back to ignoring you for regular everyday reasons. But seriously, how about you try to watch a game with him? A lot of the Brazilian players are quite hot (not to mention Ronaldo). That way, you can both ignore each other while staring at a screen. And if all else fails, blow a vuvuzela in his face. He won't be able to ignore that.

### **Hey!**

I'm a big fan of your column, because it doesn't make fun of Imprint. Here's my question: my friend told me I have to buy this girl I'm dating a gift because it's been 3 weeks. That seems ridiculous to me. Do I really have to buy a gift?

**Advice:** Yep, the 3-week anniversary is seemingly arbitrary, but for many girls it's quite important. The key is buying a gift that's not too expensive (because then you come out desperate), but not too small (then you're cheap), and not too cliché (flowers? Come on!) or too special (because then she'll expect special, thoughtful gifts every year). As you can see, there's no right way to go here. You really want to be on the safe side? Break up with her the day before the 3-week anniversary.

### **Quick question-**

How do I know if a guy I like is available?

**Advice:** 3 ways. A: ask him. B: watch him. If there's a miserable, helpless and hopeless look on his face, he's either taken or he's me. C: tail him for a couple of days. If during that time he kisses someone else, most likely he's unavailable. My favourite way is C.

The Date-Less Dating Advice Guy

## Yousful Definitions

*For all your Definition-y needs!*

**Canonical:** A type of mathematical structure used as artillery for hundreds of years. The first recorded use was during the 1260 Battle of Ain Jalut between the Mamluks and the Mongols, when the Mamluks routed their foes by properly putting matrices into their Jordan Canonical Form.

**Isomorphic:** Able to transform into the Indianapolis Symphony Orchestra. For example, if  $T$  is the torus in the complex field and  $Z$  the set of integers, then  $L_2(T)$  and  $l^2(Z)$  can be viewed as the french horn and viola sections, respectively.

**Vector Space:** A set of things which spread disease when at an altitude of 100 kilometers.

**Well-Ordered:** When applied to a set, having a preference for steak which is cooked through. For example, the natural numbers under the standard  $<$  relation always order meat cooked through and nearly charred, whereas the integers under the same relation tend to prefer medium-rare.

—image



## Bombardment

*This is what happens when you make a zombie mad*

So, I decided to take over *mathNEWS*.

Well, kinda.

I realized taking over *mathNEWS* would require me actually showing up to a production night, so instead, I'm sending in as many articles as I can before the deadline.

Why?

Because I can.

Because midterm season is in, and the other writers deserve a break.

Because midterm season is in, and I don't feel like studying.

Because I'm crazy.

Because writing for *mathNEWS* is fun.

Because I can.

My goal? Breaking the record for 'most articles-per-issue submitted by 1 writer without showing up for the respective production night'. If such a record even exists. It better exist!

Now start reading! Your zombie commands you!

Zombie Orange Crush

## Rejected Jokes 2

*Insert funny subheading here*

I'm decided I'm not going to explain myself anymore.

- So this one time I'm in Toronto, and I'm new to Canada so I've got no idea what's what, right? So I need to get on the subway, and I go into a place that says Subway. I ask the guy, can I get a pass? And he says, 'Dude, this is a sandwich restaurant'. Needless to say, I was confused. Eventually this girl explained to me that they call these places Subway Restaurants for some reason. I decided that when I get the funds for it, I'm opening a chain of Bus Terminal Restaurants in convenient downtown locations. It's a great way to attract lots of confused customers looking for the next bus to Oklahoma.
- What's the deal with airplane peanuts? Did they stop serving them on planes because of allergies? Can you imagine if some terrorist got on a plane and said, 'Ok, everyone relax, I know the pilot has a nut allergy! Now, take the plane to Yemen or I open up this O-Henry bar!'
- And now for something completely plagiarized.
- Come on, you're such an uncooperative audience I'm going to be forced to steal jokes! Man, you're making me mad... if you don't start laughing I'll make you kick the bucket, you'll have gone to meet your maker, cease to be, expired, you'll be an ex-audience!

Orange Crush

## Christ, what an asshole.

*This article is not about any individual mentioned in the articles around this article. Seriously, Orange Crush is a cool guy.*

## Important Orange Crush Announcement

Last issue, you may have noticed I wrote a UW Reader's Guide article that made fun of Imprint. Even though Tbor didn't say anything bad about it, I just wanted to say I'm really really very sorry about it and I didn't mean anything I wrote. Imprint is great and I suck and please don't hate me.

Thank you for your attention.

Apologetic Orange Crush

## Zombie Orange Crush Part 4

*Long titles suck, don't they?*

Hello to all readers who actually try to read the stuff I write. I'm sure most of you just skip it and only read the Horrorscopes and *profQUOTES*. Anyway, I'm back, still with the shorter format so your brain won't die as you're reading this. We're half-way through the story of Zombie Orange Crush.

Why do I even bother introducing every segment? Just start reading.

So, last time, we found out that everything that's happened so far (which, incidentally, isn't much) was the work of evil engineers who turned Orange Crush into a zombie to infect everybody in the Math Faculty, so that the engineers can finally become the best faculty at UW.

But the engineers made a big miscalculation (because engineers can't calculate anything): they forgot about the Math Faculty's resident cyborg-vampire, Dracubot!

For those of you unfamiliar with Dracubot, here are a few vital details. Dracubot was commissioned as a final project for CS grad students back before Scheme was introduced and messed everything up. After the program was done, it was installed by a real mathie vampire named Arthur, at which point things became a little hazy, and then Dracubot arose. Dracubot lives in the middle of a great maze on the 7th floor of the MC, and it's said that those who go on journeys to see him never return, because they got so lost with no food they just starved to death (remember, the complexity of MC floors increases exponentially). At nighttime, on days when assignments aren't due, Dracubot roams the lower floors of the MC, reminiscing about the times he used to be a regular vampire student. Then he remembers those times sucked.

Anyway, Dracubot was strolling/gliding/floating/whatever, down the corridor in the MC, when he heard an odd voice that did not compute. So Dracubot went to investigate. And there he was... rising from the floor in a very suspenseful horror-movie-style scene... Zombie Orange Crush!

"I don't want to fight you", Dracubot said.

"Oh, ok", Zombie Orange Crush. "So can I just turn you into a zombie without you resisting?"

Dracubot thought about it for a bit (get it? bit?). "You know what, maybe we should just fight".

Yeah. Tune in next time for the big fight. I don't know why I'm writing this.

Bye.

Zombie Orange Crush

## **mathNEWS Poetry Corner!**

*Yes, we have enough stuff to call this a poetry corner.*

Apparently people keep sending us things that are either songs or poems. So, if they keep doing this we might as well make a corner for them! Even an editor wrote one! We hope you enjoy our oh so entertaining stylings, or we'll be sad.

If you have a funny song, or interesting anything you want to share with mathies/ force us to read your poetry/songs, feel free to send them to [mathnews@student.math.uwaterloo.ca](mailto:mathnews@student.math.uwaterloo.ca)

### **The Siren Call**

I saunter through MC,  
what's this I think I see?  
I catch a glance  
of tight-ish pants,  
and flashy jewel'ry

And so I sent, a subtle stare  
and spied a decent derri?re,  
but then I saw,  
in shock and awe,  
a dude who had long hair.

### **The Lazy Editor**

There once was an editor who was lazy  
Who quite suddenly was driven crazy  
when his editor in chief disappeared  
and he had to do what he feared  
do work about which memories were hazy

So he set about doing his work  
which normally he was able to shirk  
he did proofing and layout  
for exactly no payout  
And he'll have to do it again in two weeks - urk

the\_roboblin

CorruptedED

## **Unnatural Future**

### *Environment 3*

A glistening vision  
Of green and glass  
May seem efficient  
When it comes to pass  
But as per usual  
It's not what it may seem  
The truth of the matter  
Lives in the tunnels of steam..

#### ENV 1 & 2

As you may know  
Have intimate connections  
In the ground below  
These ducts of heat  
And power electric  
Are the home of something  
Far more eclectic...

Here's where the record  
Get's kinda sketchy  
But it seems that Plant Ops  
Has an associated secret  
And the Green men  
Aren't that color by choice

Up until now  
The Hive had that home  
With the steam tunnel Tower  
But since that day  
The 5th of November  
It's home had been damaged  
And it did remember

It's proper desire  
Was a new house  
And as you can see  
It is coming about  
But it's new abode  
Is too small by far

A few turns of the clock  
Will reveal the time  
When environment students  
Gave up their minds  
For the supreme host  
Of the university's systems

They briefly took over  
All the green space  
Like Grain eating Zombies  
At a medium pace  
Unfortunately for them  
This didn't last long  
As will be told through fire  
And song  
The Left4Deadites  
Quite prepared  
Fended off the horde

That that shell of a building  
Will stand  
Till time immemorial  
To remind all newcomers  
To check out the plumbers.

The Unnatural Futurist



## My not-so-favourite things

*to the tune of Sound of Music's My Favourite Things*

Landlords who don't clean or tidy for move-ins  
Leftover food in the fridge from God knows when  
Move any object, see dust in a ring  
These few are my not-so-favourite things

Freezing cold basements and dank humid bathrooms  
Kitchens without lights and sweaters when it's June  
Washing machines without a means of drying  
These few are my not-so-favourite things

Dogs who like jumping and running on tile  
Roommates who argue that mold isn't vile  
Wireless internet, Ha! What a zing!  
These few are my not-so-favourite things

When the noise stops  
When the peace comes  
When I'm fast asleep  
I too soon remember that it's just a dream  
And that I must now wake up

Clearly on coop,  
prime8

## profQUOTES

A graph is a bunch of things

Godsil, Math 239

Nothing says funny like an anvil in the head, I always say.

Wood, MUSIC 140

He's not that good. People don't die because of 50 cent, he's just not good enough.

Godsil, MUSIC 140

You buy Hummers, and you put them in the driveway, and everyone goes by and says "Look! A penis on wheels!"

Godsil, MUSIC 140

When you've broken up you can't listen to the radio because every song is about you. And that's when you realize - Phil Collins really gets it.

Godsil, MUSIC 140

Sometimes I write real boneheaded questions.

Wood, MUSIC 140

Imagine how different the world would have been if [Elvis Presley's] twin had survived. For one, he would have been the most famous Elvis impersonator ever.

Wood, MUSIC 140

I'm stinky and I'm sorry. It was Track and Field day at school. [...] I know it's not your problem, but if anyone comes close to me today... 'Oh he's a little ripe today.' I normally bathe though. Why did I just tell you that.

Wood, MUSIC 140

## Ways to make mathNEWS shorter

*Because 16 pages is just too long*

So, as we all know, *mathNEWS* grew from 12 pages in issue 2 to 16 in issue 3. Since you're mathies you should be able to realize this represents an increase of 33.3% of the original page count. So if *mathNEWS* was a financial investment, our editor would be Bernie Madoff.

Anyway, since there's always a trade-off between quantity and quality (ask my 7 girlfriends), here are several suggestions on how to cut back on *mathNEWS*'s length, to ensure it remains at a pleasantly-readable state.

- Stop publishing anything that's actually true. Nobody reads that.
- Cut down on all those VP-Sez stuff. If they can't spell 'says' properly, they don't deserve to 'say' anything.
- Stop publishing articles that make fun of Imprint. 'Nuff said.
- One word- Censor. EVERYTHING.
- Move production night to Tuesday so that nobody knows when it is.
- Put all the *prof*QUOTES in one place. It may not cut down on space, but it'll really help.
- Refuse to publish anything I write. I suck.
- When publishing songs or generally 'narrow' articles, consider using 3 columns per page.
- Shrink the font and widen the margins. Duh!
- Stop advertising production nights with catchy messages.
- Publish *mathNEWS* in 3-D and print it out triple-sided.
- Stop publishing who won the \$25 gift certificate every single issue. Just give them all to me.
- Use those freakishly-annoying super-sized paper sheets, like certain other university publications (and stupid midterms that don't fit in my binder when I get them back)
- Superimpose all comics onto a single piece of space. The level of funny will increase exponentially.
- Stop publishing any titles to any of the articles. Let the people guess.
- Don't publish this article. It's a total waste of space.

I thank you.

Space-Wasting Orange Crush

## one more profQUOTE

It means, a six pack will become a backpack and your booty will give into gravity.

Wood, MUSIC 140

## ultraCLASSIFIEDS

LOST: All of CorruptED's free time. If you've seen it, or have any way for him to regain it, please find him in the mathSOC office. He may be wearing a top hat.

Wanted: The Head of a Software Engineer. We don't trust them.

MISSED CONNECTION: You were in my Dreams. You did everything I wanted and possessed all of my requisite desires in a partner. I have not yet come to terms with the idea you're not real. Call me?

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### gridCOMMENTS

I have good news and bad news this week. The bad news is that there was only one solution submitted for last issues grids. The good news is that this saved me from having to actually read the ransom note of a solution that was submitted. So, the winner for both the quick and cryptic clues is Henry Fung. Last issue's *gridQUESTION* was, "Why are all MathSoc representatives ghosts", to which the submitted answer was, "I don't know but they could just log off instead of leaving an imprint behind to be /killed later." Fortunately, about halfway through the answer, it switches from the cut out pieces of *mathNEWS* which characterize the submission to normal handwriting.

Now, on to the details of the grid for this week. Unfortunately, there are no cryptic clues this week, so you will have to settle for solving the quick clues if you want a prize. Hopefully next issue we will be back to having two sets of clues.

Our single prize winner for this week can wander down to MathSoc to collect his two prizes. As for the rest of you, I expected better and by better I mean submissions. You can still make it up by submitting this issue's grid so feed the **BLACK BOX** so that it does not go on a mad rampage, eating random arts assignments. As always, an answer to the *gridQUESTION* is preferred. This issue's *gridQUESTION* is: What do you do with your vuvuzela?

perki

## Quick Clues

### Across

- The term of holding something
- Melt down to purify
- Commuter
- Suffering
- Might
- Transfix
- Ordered by time
- Greasy
- Evident
- Arise
- Block of metal
- Disposition
- In fact

### Down

- Related to dancing
- Worst point
- Ringing
- Outside limit
- Believing in a god based on reason
- Restored
- Having battlements
- The act of setting on fire
- Dependent
- Bald or golden bird
- Hiding place

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Solution to last Weeks GridWord and Cryptic

## All of the Miscellany

Hello! Apologies about the lack of puzzles this week in mathNEWS. Our normal source, euri.ca, was down for some reason. Hopefully you'll forgive us and not hunt down the poor editors who had to deal with this monstrous catastrophe.

Anyway, onto the Article of the Issue! We've decided that this week's winner will be... image! Your work on the embedding of

planar graphs onto vuvuzelas came at an ideal time, enabling vuvuzelas to finally serve a purpose besides making my soccer games sound like bees have invaded my head. Anyway, you can pickup your \$25 dollar gift certificate at the mathSOC office sometime this week!

Corrupted