

math NEWS

Volume 113, Issue 3

Friday, June 11th, 2010



Additional Comments:

With MathSoc

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MathSoc

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MathSoc

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lookAHEAD**mathNEWS**

June 11	Issue #3 plays with children
June 21	Production Night #4
	Meet at 6:30 in MathSoc
June 25	Issue #4 realizes she's 6

MathSoc

Tuesdays	Games Night
Wednesdays	Movie Night (new day)
Thursdays	MGC Pizza Sales
June 17	WIM Coffee House

FedS

June 22-24	Council By-Elections
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Faculty of Math

Have questions about these? Ask an academic advisor!

June 7-12	Fall 2010 Enrollment Appointments
June 21-27	Winter 2011 Pre-Enrollment
June 25	Last day to get a WD

Miscellaneous

June 11	Kamehameha Day (Hawaii)
June 16	Bloomsday in Ireland
June 19	Freedom Day (Texas)
June 21	Summer Begins at 11:28 am

Prez Sez

My dearest constituents,

We need your assistance. The balcony outside of our beloved CnD has been locked up for some time now. The rationale behind closing it down was that we were unable to prevent smoking from occurring, which is in violation of certain by-laws. Now, the team has been hard at work thinking of innovative ways to prevent people from lighting up, but we'd like your ideas. If we can come up with a sustainable solution to stop people from taking drags on our patio, then we can enjoy the rest of the summer out there. Winning solution gets a prize!

Email me with your proposals.

Until June 25th,

Kenny Kou
MathSoc President
prez@mathsoc.uwaterloo.ca

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mathNEWS is normally a fortnightly publication funded by and responsible to the undergraduate math students of the University of Waterloo, as represented by the Mathematics Society of the University of Waterloo, hereafter referred to as MathSoc. *mathNEWS* is editorially independent of MathSoc. Content is the responsibility of the *mathNEWS* editors; however, any opinions expressed herein are those of the authors and not necessarily those of MathSoc or *mathNEWS*. Current and back issues of *mathNEWS* are available electronically via the World Wide Web at <http://www.mathnews.uwaterloo.ca/>. Send your correspondence to: *mathNEWS*, MC3046, University of Waterloo, 200 University Ave. W., Waterloo, Ontario, Canada, N2L 3G1, or to userid@mathnews@student.math.uwaterloo.ca on the Internet.

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Not friends with PedoBear: Joe, Jeff, Harrison and Will

mastHEAD*Physicists and Writers and Questions Oh My!*

Stephen Hawking is once again descending upon our fair locality for his usual awesome physicist hijinks. Sometime this month he's supposed to be doing a little lecture as well as meeting the local MP and various other sundry things that happen when celebrity scientists come to town. However, that's not as important as the fact that it gives us a chance to talk about how much we at *mathNEWS* love Stephen Hawking and his crazy "knows more about black holes than you ever will" ways.

This brings us to our question of the week: Where would you take Stephen Hawking?

snippet ("Cruisin' on King"), HotFuzzyLogic ("Skydiving"), Megaton Panda ("On a date with Destiny... and her lovely sister Candy!"), Llama ("On a race for all his wealth and fame"), Mr. Bugets ("To India, to my village of astapaduddydodylum"), Lich ("My physics lectures"), The Unnatural Futurist ("To my time machine"), Andre ("Take him to hyperspace chewbacca"), perki ("is lost in space and time")

mathNEWS would also like to thank all of our amazing pizza loving writers. We'd also like to thank Graphics for printing our many many *mathNEWS* for the reading and leaving around the MC. Above all, we also want to thank Batman for keeping campus safe from cartoonish supervilliany.

Insided ("To *mathNEWS*!")

GroovyED

("Roxanne's in honour of Feynmann-style debauchery")

CorruptED ("Picking up ladies. Hawking is the Ultimate Wheeled Wingman!")

Class of 2011 Grad Photos

Due 30 JULY 2010

...if you're not here in the fall.

Book your appointment today at <http://www.lifetouchatwaterloo.com/>

(No, this is not a joke.)

MGC 2011

Movie Night in MC

Here are the movies coming up in MathSoc's Weekly Movie Night:

June 17: Leonardo DiCaprio:

- Blood Diamond (R)
- Shutter Island (R)
- The Departed (R)

June 24: Comedy:

- The 40 Year Old Virgin (R)
- Bruce Almighty (PG-13)

(Movies subject to change)

Tiffany and Tappy
MathSoc Movie Directors

Apologies to some of our writers

We were overwhelmed with the amount of material we received for this issue, and we therefore had to delay publication of a couple of articles to next issue. Sorry :(

The Editors

VPF Sez

Greetings Marvelous Mathies!

Welcome to month 2 of Spring 2010!!!! I've got lots of sweet information as per finances and our businesses.

CnD Update

New POS system has arrived and is up and working. We are currently doing tests with it, and should have it implemented by June 15th at the latest. What does this mean for you? This means faster check-outs with our new barcode scanners and flexibility of payment because we will be accepting Visa, MasterCard, Interac (debit) and of course cash. Talks and negotiations for WatCard terminals are also underway.

With our new convection oven in our kitchen, we will be re-stocking our famous samosas, Jamaican Beef Patties, and other hot foods more often. We will always be in stock of one of the hot delicacies guaranteed!

Beat the heat with our slushies (\$1) and back by popular demand French Vanilla Iced Capz (\$1.50). Want more heat? Don't forget we always have our daily soups, and hot entrees, and daily specials available to you. Mac-N-Cheese Mondays and Chilly Fridays are always great!

MathSoc Office Update

Two weeks ago, money was missing from the MathSoc office. Police were notified and an investigation was conducted. The MathSoc main office closed its doors for a few days as a result of a decision made by the exec team. The office has been open for normal business since then. The executive team is currently monitoring MathSoc register cash flows on hourly/daily basis. We have also installed a security camera system in the MathSoc office and the CnD, monitoring 24 hours a day, 7 days a week. We are doing everything to our capabilities to assure money does not go missing again. We apologize for any inconvenience caused during the days we could not operate our office, but we felt it had to be done in order for new security procedures to be implemented.

MathSoc will be accepting debit as a form of payment soon. More details to come. This will offer math students flexibility when it comes to paying for services and products such as printing, novelties, binding, stationary and more.

Calculators! We have them all in stock and available to you. Including back by popular demand BA II + financial calculators. Get em while they are fresh!

Other Stuff

Talks are underway in re-opening the Capital Improvements Fund for this term. What does that mean for you? Apply for any capital improvement you feel is needed in the MC.

That's pretty much it as per finances. If you have any questions, comments, or concerns please do not hesitate to email me (vpf@mathsoc.uwaterloo.ca), or drop by my office in MC 3039.

Prashant Kumar Patel

VPF MathSoc

vpf@mathsoc.uwaterloo.ca

Batman is watching you!

Write for mathNEWS!

VPA Sez

Hello once again,

I have good news! I have more hard copy of exams to add to the exam bank. The exam bank should be all updated for your use by final exams.

Some co-op news, Architecture is currently using the new Jobmine system (called Waterloo Works) and it sounds AMAZING!!! Plans are to have it out to everyone for Winter 2011.

Also, talks are still in works about a new policy in which students can't voluntarily opt out of co-op after 3 completed co-op terms. The math faculty wants to create this policy to prevent students from taking advantage of the co-op system and FedS' stance is against this policy because it prevents students the freedom of choosing their program.

In other non-academic news, Math Councilor By-Elections are coming out and you should go to the election section and read up on the candidates as well as vote on election day.

Andre Magalhaes

VP Academic

vpa@mathsoc.uwaterloo.ca

VPAS Sez

Hi (loyal) mathNEWS readers,

Your VPAS has a few things to say.

First, sign up to be a volunteer during Canada Day and sign up to be with MathSoc if you really love playing with kids. It's on the first of July (Wednesday), you get a pretty awesome shirt and a free meal coupon after every 4-hour shift. You can sign up at canadaday.uwaterloo.ca, click Volunteer, and make sure you write "With MathSoc" in the additional comments box. I can't stress this enough.

Second, sign up to be a volunteer during Student Life 101. It's on the 24th of July (Saturday). Email vpas@mathsoc.uwaterloo.ca with your name, major, preferred email address, and availability. You'll get an email closer to the date for training and what you need to know. Plus, you'll be getting cool stuff out of it too.

Third, get involved in MathSoc!! Please don't get scared when you enter because I promise you, we don't bite. We have a new electric stapler, a new electric pencil sharpener, and a new paper trimmer.

I think that's all for now, and I hope you will keep coming to our office and use the services that you've paid for. Hey, might as well right? :)

Joycelin I. Karel

Vice President of Activities and Services

Mathematics Society

vpas@mathsoc.uwaterloo.ca

Alumni Reception

Steven Woods, Site Director for Google will be giving a talk on Thursday 17 June from 12:30 to 3:30 in DC 1302. The talk is about "(Re)Inventing the Way the World Works — The Gold Ring is the Big Ring". All are welcome to attend.

Nan Gao

Alumni Officer, Faculty of Mathematics

Federation of Students By-Elections

The Federation of Students is holding by-elections for two math seats on Student Council. This is on top of the three seats contested last term, where the difference between winning and losing was four votes. So seriously, make sure you vote.

We have invited all four candidates (Umar Aftab, Niall Wingham, Andre Magalhaes and Alexandra Russell) to submit statements to us (or rather, to you through us). We did not receive a response from Umar before the Monday deadline. The other three candidates have given us statements, which we have published on this page.

It was not known at press time whether or not there will be a debate for these positions. Watch the *mathNEWS* website (mathnews.uwaterloo.ca) or the FedS website (vote.feds.ca) for details on that. The voting will take place from June 22nd to 24th.

InsideR

mathNEWS News Editor

Twitter: @mN_InsideR

Niall Wingham

Hello Mathies,

My name is Niall Wingham, and I am on a mission to create a faculty where students are informed and engaged, and government is accountable and speaks with a strong voice for your interests and rights.

If elected, I pledge to:

1. Bring information straight to you through regular online webcasts and classroom visits, so you can make educated decisions on important issues, without having to go out of your way.
2. Hold myself and each of your other councillors to the duties of our position — duties which in the past have been neglected with surprising frequency — by reviving a now defunct working group to enforce councillor responsibilities, and ensuring it fulfils its mission.
3. Actively fight for your interests within FedS and the university. In particular, three current issues I will focus on are: Your academic freedom to switch in and out of the co-op program, a freedom which CECS is very close to taking away; your right to access the FedS funding committees, such as the Enterprise, Innovation, and Opportunity Fund (which FedS is not operating this year due to past fiscal mismanagement); the responsibility to ensure our international students' needs are met effectively through services such as Student Resource Office and the redesign of One Waterloo.

For more information on my platform, or to read about my experience and qualifications, please visit www.niallwingham.com.

CSC Flash

Talks are still being scheduled and code parties are coming up soon.

You can always look at our bulletin board on the 3rd floor MC or our website for event details: csclub.uwaterloo.ca

Brennan Taylor
on behalf of Calum T. Dalek

Alexandra Russell

Ever thought about who decides what happens behind the scenes at FEDS and who spends your term-ly “Federation of Students fee”? The answer is you! You decide! Through your math student council representatives, you can have a say in what happens at FEDS! Councillors are here to communicate your needs to your student government and to keep you informed of what’s happening in FEDS. My name is Alexandra Russell, and as your councillor, I will make sure that this is what happens. I have been involved in the Women in Math Undergrad committee, MathSoc, Math Orientation and various other associations in my two years here at UW. I understand the needs of math students, and am friendly, approachable and always open to suggestion. So take advantage of my fresh, new perspective and put me to work for you! Vote Alexandra for math councillor!

Andre Magalhaes

For the past year and a half, I have been part of the daily operations of MathSoc as well as being a representative of students on their council. In the fall term of 2009, I was made President of MathSoc where I was introduced to FedS council. I attended meetings as the MathSoc representative and found that there was a lot going on that effected math students that I didn’t know about even though I was part of MathSoc. Unfortunately I didn’t have a vote but I did have a voice so I spoke my concerns and joined committees that I could as an At-Large member so that I could be involved with some change. As the current VPA of MathSoc, I have been keeping the students in the know of what is happening with things that I am involved with and I feel that current Math FedS councilors aren’t doing this very well. My plan is to inform students of the issues that effect them by reporting to *mathNEWS* as I do now as VPA and did as President. I will then take any feedback I receive directly to those in charge as I do now with committees I sit on. All in all, if elected, math students will be more informed and you can rest assure that I will work in their interests. I believe that my experience and interest speaks for itself. To find out more, go to <http://csclub.uwaterloo.ca/~agmagalh/>

We have a new editor!

mathNEWS has been saved this winter!

So, CorruptED and GroovyED are switching streams starting next term, and I have decided that I’ve been editing for long enough and want to pass the torch.

This is why we are pleased to announce the addition of FuzzyED to the editor team. He will be taking charge of the publication come January (though I will still be around to assist where I can). He will be going through a strict training program over the next six weeks so that he can run the show next term.

If you see FuzzyED, please send him your congratulations and your sympathies :)

InsideD

A fact learned at *mathNEWS* Production Night

The metal screen protecting the ceiling lights in MC 2061 has 1248 small squares within it. This is the sum of the squares of 8, 20 and 28.

Math Society Executive Reviews

How I think your execs have been doing

Ah, midterms. A chance for students to get a gauge on how they're doing in their classes and give them a chance to improve before the final. I believe in using a similar thing for our executives: by giving a brief review of how the executives are doing so far, they can know how to better serve you, the students that elected them (if that's the right choice of words to use).

This evaluation was completed using my observations of the execs, in consultation with a few other active MathSoc members. My hope is that this keeps them accountable to you, the math students.

Kenny Kou (President): D+

The President was the only executive to actually be elected this term (the other three were all acclaimed to their positions). That said, the biggest problem I have in being able to evaluate him is that he's about as transparent as a brick wall. While he has talked with me at the beginning of what he wants to accomplish (much of which are actually good ideas), nobody seems to know exactly what he has been up to. Additionally, I very rarely see him around the office, even for his scheduled office hours (and I'm there about as often as not), so I have to turn away people who want to know when they can speak with him. I do see potential for a good leader, but I don't see enough materially coming out of him to know if that potential is being realized.

Joycelin Karel (VP Activities & Services): B+

The VPAS is responsible for the day-to-day operations of the society, and she is often seen around the MathSoc area making sure that everything's working as it should be. She also has been able to get a couple of previously-defunct directors (most notably

Publicity) up and running and actually doing something. However, when it comes to larger decisions, she can often become indecisive, and relies a lot on others (such as past executive) on making many decisions. While there's nothing wrong with asking for advice, it should ultimately be the VP making the decision. Overall, though, I think she's doing a good job indeed.

Andre Magalhaes (VP Academic): A-

The VPA is the most lacklustre and least student-engaging (though still important) position on the executive team, but he seems to have a good handle on his portfolio. He's identified a couple of issues to be dealt with this term, not the least of which the exam bank and other resources. He has been good at discussing decisions that have been made at faculty meetings, however he could do a better job if he also discussed what's upcoming so that he could solicit feedback from students at large. With all said and done, I'm impressed with what's been done thus far.

Kumar Patel (VP Finance): A-

The VPF has made great progress in his plans to return the C&D to profitability. He has been working to implement a new Point of Sale system to better keep track of sales and inventory. He has also shown an ability to keep calm in the face of controversy, taking decisive action when money went mysteriously missing from the MathSoc office. However, when it came to the budget this term, he wasn't really as organized as past VPFs, and this resulted in one of the longest budget meetings in recent memory. He could benefit from setting firm dates and deadlines for his various tasks in the future. As a whole, though, he's doing much better than I was expecting him to at start of term.

InsideR

MFCF News

Undergraduate Linux Server

There is now a Linux server in the (non-CS) teaching environment. The host fe03.student.math (with alias cpu03.student.math) runs CentOS, an open-source RedHat equivalent. It has two dual-core dual-thread 3.0 GHz Xeon 5050 CPUs and 8 GB of RAM, making it the best-equipped of the undergraduate servers.

In its role as a front-end login host, it offers the Gnome window environment which many of you may find a lot more comfortable than the old TWM environment on fe05.student.math. Be sure to play with the drop-down "Applications" and "System" menus for customizations that MFCF has added.

In its role as a CPU server, it has more recent versions of some applications than we can offer on Solaris, e.g. Matlab 2010a. As an x86 machine, it is not binary compatible with the older Sun SPARC machines running Solaris. If you write your own software, you'll have to compile your programs separately on each platform.

This machine was funded in part by MEF.

Please let us know how you like it by sending comments to mfcf@math.uwaterloo.ca.

Students Report Difficulties Logging Into Math Environment

Passwords changed to match Quest, students not informed

Several students have reported issues logging into their Math and CS computer accounts because their passwords were quietly changed to match their Quest accounts.

MFCF says that it was designed so that students don't have to take extra effort to set up their Math or CS account. However, no email was sent out to students informing them that this has taken place, leaving many of them unable to log into the environment.

With the move, it is now impossible to have different passwords between your Quest and Math environments. Students who have switched their Math account to their old password have been reporting that it has been switching back to their Quest password within days.

MFCF is looking into the issue.

InsideR

mathNEWS News Editor

Twitter: @mN_InsideR

ultraCLASSIFIEDS will return next issue!

We hope.

Thor's CS Problem of the Fortnight

Pirouetting through the Ballet of Computer Science

Last Fortnight's Question: Every year in the Hundred Acre Wood, there is the world-famous Race Around the Wood. In this self-descriptively titled race, participants, perhaps not surprisingly, are required to race each other around the forest. However, the race organizers have a problem. The forest in question tends to change in size a lot over the course of a year, with new trees springing up and old trees falling down. This has made keeping track of the length of the race quite challenging, and leads to comparing the results year to year being almost impossible. This is where you come in. The race organizers want you to figure out how long the race was every year for the past 25 years, so that the greatest racer of all time can be identified. Luckily for them (and perhaps unluckily for you), the Hundred Acre Wood Historical Society has exhaustive records describing the forest over the 25 year time period in question. These records just happen to include the precise location of each tree in the forest on the day of each race. Given the locations of each tree (x and y coordinates) for each race day, how can you determine the length of the Race Around the Wood for each dataset?

Its Answer: A very good way to solve this problem would be to use one of computational geometry's most fundamental operations... you should compute the convex hull of the forest dataset! The convex hull of a set of points is the smallest convex polygon containing all of the points. You can imagine the convex hull as an elastic stretched around all of the points. We just need the length of that elastic. Computing the convex hull is relatively easily done. The most basic and well known algorithm is called the Graham scan. It starts with a point that you know is on the convex hull (maybe the bottommost point, for example). Sort the

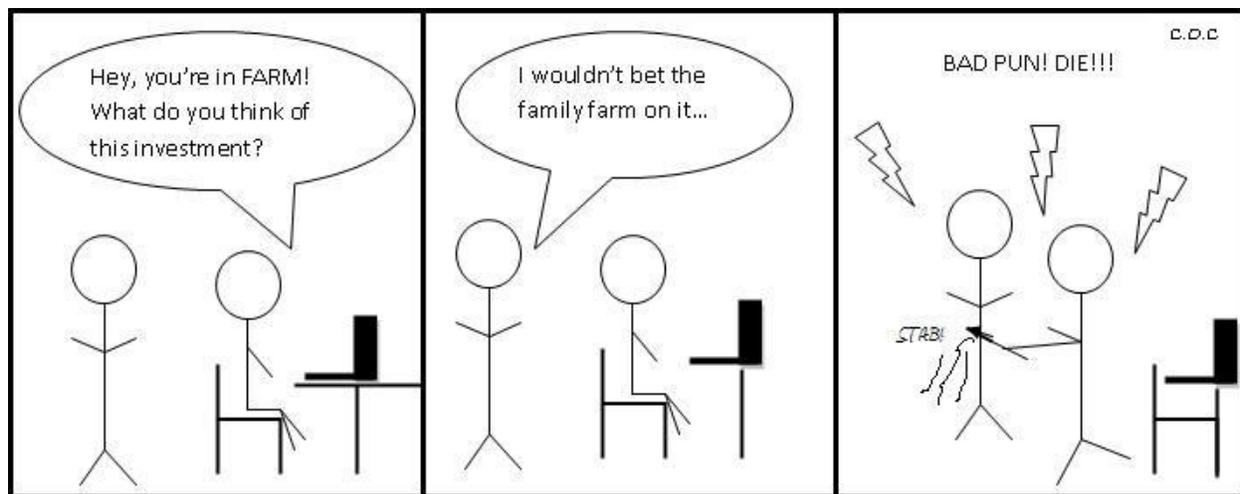
rest of your points in angular order around the point in question. You then proceed around the point in counterclockwise order, adding points to the hull if the angle formed by the point and the last hull edge is less than 180 degrees. If the angle formed by the new point and the last hull edge is greater than 180 degrees, then the chain of vertices starting from the last hull edge is deleted. The total time for the Graham scan is $O(n \lg n)$.

Of course, I would be remiss not to take some time here to mention Chan's algorithm (after all, he might read this!). Created by Waterloo professor Timothy Chan, this algorithm combines the Graham scan with another algorithm, the Jarvis march (also known as the "gift wrapping algorithm") to get a better asymptotic run time of $O(n \lg h)$, where h is the number of vertices in the convex hull itself. This makes it an output-sensitive algorithm, and it should be a useful one for our Hundred Acre Wood scenario, since h should be much smaller than n . If you want to know more about Chan's algorithm, I suppose you could just look up Professor Chan and ask for a description, or take a course he's teaching.

This 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!

Thor

The Pun Slayer



Correction

In the last issue of Imprint, they printed a correction after their last issue. *mathNEWS* is now correcting an issue that we published a couple of years ago. In it we said that the Imprint would never print a correction. We seem to have been wrong. The Imprint is still terrible though.

GroovyED

Attention Imprint President

AKA "E is for Idiot"

You posted on your Twitter feed that the Chevron is illegal. Considering that the Canadian Constitution guarantees a right to freedom of the press, can I ask how you came to that conclusion?

InsidED

ElseWhen

25 Years Ago in mathNEWS

I learned over the weekend that old issues of *mathNEWS* keep much better than wedding cake. I swear my nose is still burning! Alas, we will look at Volume 38, Issue 3, originally published on Friday 7 June 1985.

MathSoc Fails At Elections! Another thing that hasn't changed in the past 25 years! Back then, when reps were based on year, they kinda failed on understanding the constitution:

It was thought, because of vague wording of the constitution, that 3A elections were being held. Because 3B students were theoretically not on campus in the summer, no elections would be held for them under this interpretation. [...] During the campaign the error was realized. The election should have been for 3rd year class reps.

In Other News:

- A case is made for passing a course because it is “intuitively obvious”. The proof is not so obvious.
- A lesson on how to fall asleep, inspired by one of the Seven Dwarfs.
- Physics Puns Your Mother Warned You About. Enough said, really.
- The *chev*MATH returns, aiming to defend “the BASIC integrals of the mathies”.

InsideR

Weakonomics

There once was a subject called Econ,
which Waterloo students would freak on.
Piss class time away,
they do in a day,
A quiz they should have spent a week on.

A subject that no one would choose,
for in class they'll just sleep and they'll snooze,
they'll bore and they'll tire,
call the teacher a liar,
try to study, instead turn to booze.

So I look at my notes with some buddies,
while the point of this course is still muddy.
The exam's in three hours,
my outlook is sour,
but I'd rather write poems than study.

brOde to Waterloo

Waterloo, for math it's best,
Though it is a sausage fest.
So much sausage, I confess,
That “cum” is even on our crest.

the_roboblin

Panda's Pokémon Pilgrimage

Gym Leaders are dumb

In the spirit of laziness, I decided to take a Poké-break and challenge the Gym Leader Castle with my current roster of guns. For those of you counting, that's my Lv 100 Zapdos and Scyther, along with a Lv 79 Tauros, Lv 73 Rhydon, Lv 60 Slowbro and Lv 64 Snorlax.

For those of you who don't know exactly how this works, here's the rundown: The Gym Leader Castle challenge has the opponents' Levels all equal to your highest Pokémon's level, so in this case they are all Lv 100. As well, in each battle, you are shown your opponent's team of six, and you must choose only three to battle with. As well, item restriction means you can only use one of the same item on your team. For example, I can't give both Zapdos and Snorlax leftovers.

To begin the battle, I decided Zapdos has to be my leadoff simply because he was by far stronger than everyone else I owned. Charging into the first battle against a birdkeeper sent a rush of adrenaline through my veins... until he sent out a Pidgey. Awesome. Three thunder's later, I was on my way to Faulkner's lair, and kicked his ass a short time later.

I thought that would have been the end of it, until I realized Zapdos should kick the ass Buggy too. Zapdos rushed out into battle again, only to hit a Larvitar (Rock/Ground). I quickly swapped to Tauros, who still had the move Surf from his training earlier and took it down. A few more Drill Pecks from Zapdos, and I was drinking from Buggy's throne.

Whitney, leader 3 proved a real challenge. While her minions sucked, her Miltank almost destroyed my Scyther with Rollout. (I sent Scyther because I thought he could take Clefable better) Luckily, I managed to Swords dance on turn 1, then got in 2 Hidden Power (HP) bugs in before Miltank (Higher speed for the win!). With a raised attack, I managed to KO her next two critters as well.

At this point, I thought I would have been finished, until I actually faced Morty's sequence. The minions all sucked with their Gastly's, and Zapdos wasn't even fazed by Morty's only one real Ghost creature, what a disappointment.

[Due to size, we've split the gym battle excitement into a two parter! Catch the next few battles next fortnight! — CorruptED]

PokéTrainer Panda

profQUOTES

[after a student expressed concern with something being inconsistent with MATH 249]

[prof] Who was your MATH 249 prof?

[student] David Wagner.

[prof] Oh beauty! That will spice up the lunchtime conversation a bit.

Geelen, CO 342

This is probably wrong, since I've written it on the board.

Geelen, CO 342

In consideration that you have a very similar proof on your assignment, are there any questions?

Geelen, CO 342

What is wrong with online translators?

An on-hand look at online translators

For this article I have decided to test the pseudo usefulness of Google's online translator for continuous translations by translating this entire article into various languages. I will originally write this article in English, I will then translate this article into Japanese, Arabic, Filipino, Yiddish, and then it will be translated back into English. So, without further ado, reasons why online translators are not always useful.

- Online translator's base are dictionary translations, which are context free. Even though they ask for better translations for specific cases, I can think of very few people who go to a translator to translate something they already have translated.
- LANGUAGES ARE DIFFERENT. Yes, many of the European languages are similar and can be transferred between each other in style and syntax, but most of the languages of the world are not so interchangeable. They have their own rules and regulations which differ greatly depending on each region.
- Online translators have a hard time differentiating synonyms. One word might be a synonym of another word, but they are not necessarily the same in meaning. Many words are mapped to singular words in another language that results in the language being a dumb downed version of the original.

Given all above, any translation is still better than no translation. But don't even try to consider it an alternative to actually taking a course, learning the rules of the language and continuous practice. As someone who's learned multiple languages, it becomes clear when someone has no idea what they're saying, it's quite funny, and it's fine for most conversations, but if you're trying to actually communicate with someone, learn the language. Humans are flawed, this ultimately means all the things humans create can therefore be flawed...especially if you try to hack them together and expect the same result.

Just FYI, I do realize this is flawed, and I mean no harm for those of you out there who love online translators and are questioning the legitimacy of this article for that reason.

HotFuzz~yLogic

Erroneous translation of what to buy?

Hand look at the Interpretation

Continue to translate by translating various languages across the article on Google, the article and decided to try the Feasibility of semi-line translation. I am writing this article Originally in English, and I was Japanese, was translated into Arabic, Tagalog, Yiddish article click it again to the English translation of it. So, no more suffering, because the translation on the Internet is always helpful, what not.

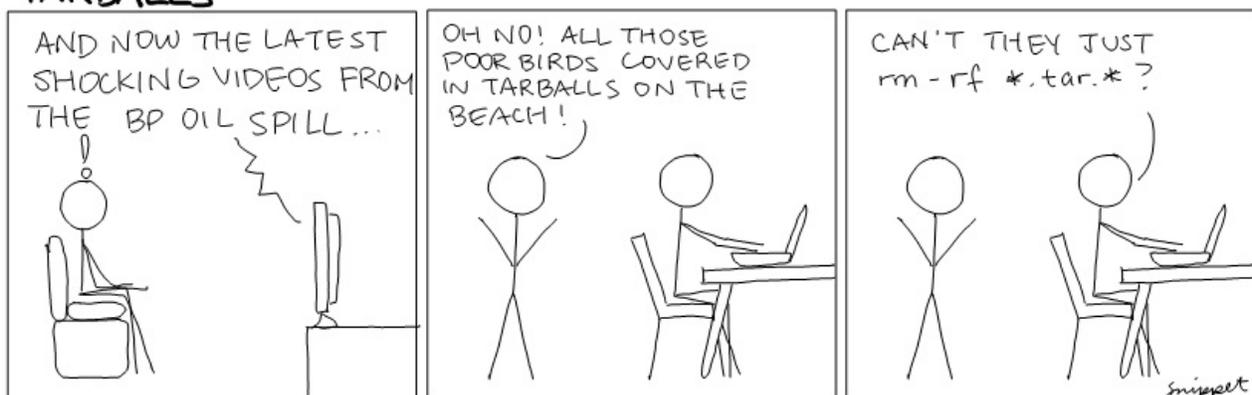
- Interpreting the main context dictionary, free, translation. However, they ask for the best translation of this matter, very few people I just translate, they can translate what we have translated.
- DIFFERENT LANGUAGES. Yes, you can move the European languages between the style and syntax similar to each other, and most languages in the world is not Compatible. They have their own rules in large, which depends on local regulat Lyons.
- Synonym Distinguishes radical translator. One word, different words can be Synonymous, they are not necessarily the same meaning. Is Assigned to many words to the word unique in another language, the language of the Dam is the result of continuing with the original text.

For all of the above, it is still all a better translation of the translation. However, we consider Choosing the path of the actual language, and know the terms of the persistent practice. And know what the different languages, it is clear that he has to say that what you do not know anyone, it is interesting to a large extent, it is, but most modern font, and to speak to someone to learn the language and, in fact. Defects in Humans, which Creates the right for all of this ultimately means that there are Flaws to Hack together ... You, please try to Expectations, especially the same results.

Pei, I realize that it Imbalance is, those of you that the reason I love the Interpretation, it means listening to damage the Legitimacy of the article.

WarmFuzzy

TARBALLS



Summer Movies: The Sequel

Bigger, badder and more filled with awesome

Last time, we previewed movies for May and June, and with July fast approaching, I figured it's finally time to preview these movies for you! (I take money orders and cheques, payment options are flexible!)

July

- **Twilight: Eclipse:** Team Edward or Team Jacob? How about Team "I don't give a damn?" If you're into horrible acting, ugly people and plotless drama, this one's for you. If instead you're **not** a 14-year old girl, avoid at all costs.
- **The Last Airbender:** Word on the street is that this version (the correct one) of Avatar will have a real plot, unlike the other abomination that was. The word also told me no giant Smurfs would exist in this one, and that all oriental people will look white because the director was going for a Prince of Persia-esque yellow effect. What a twist!
- **Despicable Me:** It seems like 3D animated movies are all the rage nowadays, and this one looks as intriguing as every other one out there so far.
- **Predators:** A reboot of the first movie, but there's a twist because they totally added an "s" to it! HOLY CRAP! Too bad the Governator isn't in this latest installment.
- **The Sorcerer's Apprentice:** Nicholas Cage tries again to act, and I'm going out on a limb and guessing this movie will be garbage. Or at least, not as good as Percy Jackson, a similar movie.
- **Inception:** Leonardo DiCaprio teams up with Ellen Page in order to steal your dreams. The trailer looked really cool, but how will Ellen ever pull off a role where she isn't a snarky wiseass teenager?
- **Salt:** It's the Bourne Ultimatum series, but with Angelina Jolie.
- **Charlie St. Cloud:** Zac Efron tries to break out of his teen music shell and instead plays a moody twenty-something

that talks to a ghost. If you're into Zac, and I mean uh... I'm not or anything, you'd want to check out this piece of work... Like I'm not. Really.

August

- **The Other Guys:** You know those kickass cop movies? This one's about the other guys who sit at a desk! With Will Ferrell acting as awkward as he always is, this looks like a hoot. Seriously!
- **Step Up 3D:** Now you can watch a pointless movie about cool people dancing... BUT IN THREE DEEEEEEE!
- **Scott Pilgrim vs the World:** Michael Cera in a role that he's never played before: An awkward teenage guy who's struggling to get with the other sex. In this edition, he has to slay the 7 heads of the Hydra, aka her 7 exes. Sounds easy enough, unless you're Michael Cera.
- **The Expendables:** Sylvester Stallone, Jason Statham, Jet Li, Randy Couture, Steve Austin, Mickey Rourke, Bruce Willis, Arnold Schwarzenegger, Dolph Lundgren. Wait, what's your excuse for not wanting to see this movie again?
- **Nanny McPhee Returns:** Mary Poppins comes back in this sequel to the other Mary Poppins reboot! She's just as hideous and still no one will give a damn.
- **Piranha 3-D:** Prehistoric fish are release into a lake due to an earthquake, and partying college kids are eaten many at a time by these deadly fish. This gorefest smells fishy though: Why can't the kids just not go swimming?
- **The Switch/Going the Distance:** Summer ends with two stereotypical romantic comedies, featuring Jennifer Aniston and Drew Barrymore respectively. Ah, rom coms.

So there you have it! Movies for the summer! Man, that was a lot of work, I hope it was worth it.

Movies Panda

profQUOTES

Question? No, just stretching? I do a little stretching, I have a yoga mat in my office.

West, AMATH 231

Let's see, I'm running a little low on time so I'm just going to start babbling.

West, AMATH 231

I'll clean this up for the next time you take the course, which hopefully is never. Although, if I explain badly enough I'll get another chance.

West, AMATH 231

i(y)? Might run into copyright issues with Apple, k(y)

West, AMATH 231

It's like water going down a toilet... have you ever watched? Uh, nevermind. I'll talk more about toilets next time.

West, AMATH 231

If you have a niece or a nephew, don't try to explain how the area of a circle is 0 because it's an infinitely thin curve. I tried that...

West, AMATH 231

The first word I taught my nephew was "isomorphism".

Anonymous

I'm a standard normal deviant.

Mackay, STAT 231

[on important life skills, e.g. plumbing, finances, etc] I'm smart, but I'm not very good at all those things. But I'm smart, so I think I can do them.

Mackay, STAT 231

I'll show you mine if you show me yours.

Mackay, STAT 231

Have your profs said anything quotable? Submit it to the BLACK BOX!

UW Reader's Guide

So Little Time, So Little Quality

With the reintroduction of Chevron into your busy daily lives as UW students, everyone on campus is faced with a new dilemma: with so many (bad) student newspapers on campus, which ones should I or shouldn't I read?

Well, the *mathNEWS* team sent me (ok, I lie, I sent myself) on an investigative reporting mission to read the various papers and see which ones are worth reading ('I have to read Imprint for this mission? Why me?!?!')

Imprint

The official student newspaper of UW. In the Spring term, it's published bi-weekly every other Friday. It contains news, opinions, featured columns, comics, and sports. Although let's face it, UW sports? Come on, we're not Laurier.

The Good: A comic called "Irresponsibly Optimistic". That's about it.

The Bad: Lots of ads, opinion columns are frequently one-sided on many issues, they publish stuff like gay-porn reviews calling it 'satire', and most people on campus like to make fun of them.

Read or Not? No. Just, no.

Chevron

Used to be UW's official paper, then it disappeared for 30 years or something, now it's back as a tiny publication dedicated to hating Imprint, published every other Friday (off-schedule from Imprint). Will it last long before Imprint's editors find out who's behind it? We're all eagerly waiting for the showdown.

The Good: Unlike Imprint, it has a real sense of humour. It's also really short, and wastes a lot less paper.

The Bad: It's short, so it offers limited variety of articles. In fact, articles are almost exclusively limited to rebuts of Imprint articles and harsh criticisms of UW. Complain much, anyone?

Read or Not? Let's see, a paper that requires you to read Imprint to understand it? Sorry, but no thanks.

Iron Warrior

UW's engineering newspaper. That's right, the newspaper of the enemy! And I had to read it! I feel like such a traitor. Oh, it's published bi-weekly on Wednesdays for some weird reason. Those nutty engineers!

The Good: It's actually got a lot of news and opinion columns that, unlike certain other papers, are quite interesting and relevant, if you're an engineer!

The Bad: It offers little value for non-engineers. Also, if you're caught reading it at the MC, people will give you the evil eye.

Read or Not? Unless you're in Software Engineering, mathies should not be caught reading the Iron Warrior.

mathNEWS

The Math Faculty's very own publication, delivering nonsense news, humour and misinformation to happy students every other Friday (same as Chevron).

The Good: What's not to like? While some psychos insist on actually adding real News from Off Campus to the mix, most of *mathNEWS* is still full of silly opinions, funny articles, and all-time favourites like horrorscopes, *profQUOTES*, Dating Advice, and my own column (which doesn't suck).

The Bad: it only comes out 6 times a term? *sob*

Read or Not? Yes! Read it! If you read nothing else in your student life, read *mathNEWS*! The MUO has allegedly implied that if you don't read *mathNEWS*, you won't be treated as a real math student. Read it!!!

So, there you have it. A quick summary of all the newspapers on campus, and why they all suck except for *mathNEWS*. In conclusion, all newspapers other than *mathNEWS* should be rendered null and void and cease publication immediately (Oh, and in case those Imprint people with no sense of humour are reading and going 'what the hell?', well, THIS is satire).

Reader Orange Crush

So, you've decided to be Eccentric

Well, mathNEWS will show you how!

Everyone knows that being crazy is bad. Well, except for crazy people, but we don't care what they have to say. Anyway, craziness is generally frowned upon, but when you're brilliant (or rich!), you're not crazy, you're *eccentric!*

Anyway, clearly being eccentric is more fun than being normal, and you're *obviously* brilliant (or planning to be rich once you escape paying the school) and therefore you might be considering how you can get in on this sweet eccentricity deal. Not to worry, CorruptED is here with all of your Eccentricity-related advice as resident Eccentric Editor!

How to do something eccentric

1. Think of something you really want to do.
2. Analyze this action for social acceptability. Then, ignore this analysis because you're eccentric and you just don't care if

3. Do it.
4. GOTO 1.

For examples of this, take the following examples of things you may want to do: *Wear a Top Hat, Dress up as a Mad Scientist, Become Batman, Talk in a Sean Connery accent, Learn Kung Fu and engage in awesome Martial Arts battles in public, Become Batman, etc.*

Now, to be eccentric just repeat those steps above repeatedly. You're well on your way to being a successful eccentric! You can thank me by doing an Irish jig in mathSOC whilst holding a rubber ducky. Have fun!

CorruptED

The Third Part #3 Part that follows the First 2 Parts of the True Story of Zombie Orange Crush

Now Less Sucky!

So, I've been getting comments about my column. Most of them say it sucks. Constructive criticism, eh? Ok, fine, I can take criticism like any other crazy zombie guy. Also, you suck!

So, on my continuous path for perfection, I've decided to shrink my regular story and add a new part called Rejected Jokes that you'll find somewhere else on *mathNEWS* (I don't know where the editor is going to stick it, lately my stuff's been shoved to the back. Thanks a lot). Anyway, your complaints have been heard, here's a shorter Part 3 of the Orange Crush Zombie:

Last part, Orange Crush was kicked out of Hell. Then he landed in Heaven, blah blah blah, nothing interesting happened over there.

Meanwhile, back at the MC, Orange Crush's body was lying there, just chilling, like dead bodies usually do. Suddenly, it was approached by a mysterious figure that had no business being in the MC at all: the Engineer Voodoo Wizard! We'll call him EngDoo for short.

EngDoo started using his witchy spells on Orange Crush's body. By the way, in case you didn't figure it out yet, sending a serial killer into the MC and trying to kill an innocent (well, relatively innocent) mathie was all part of an evil engineering plot!

After chanting mysterious engineering chants and rounding π to 3.14, EngDoo rose up and ran the hell out of the MC. Back in Heaven, Orange Crush's spirit suddenly felt a yoink! And was pulled back to earth, but something was very, very wrong.

And so, Orange Crush rose as an evil Zombie! Again, in case you didn't figure it out (or maybe I just didn't explain myself properly the first time around, just like all of your profs. Zing!), this was the engineers' evil plan: to create an evil zombie that would infect all the mathies, and then they would be the #1 faculty at UW!

Finally, things are getting exciting, right? Well, because you said my story sucks, you're not getting to hear the rest of it till next time. Ha ha.

So that's all for now. Thanks for reading, and don't forget to study for your calculus midterm.

Zombie Orange Crush

profQUOTES

[prof] This is the number you get if you assume a human is a black body.

[student] That's racist.

[prof] This predates the civil rights movement.

Afshordi, PHYS 275

[on unstable neutron stars] We're getting to the point where you can ask a lot of interesting questions, and I can say 'I don't know'.

Balogh, PHYS 375

Dating Tip You Should Keep

Because Dating is Fun, I imagine

I'm back, baby! Did you miss me? I've been getting so many responses and dating questions I can barely keep up! So keep sending me your stuff and I'll keep answering them, because I don't have anything else to do, it's not like I've got a girlfriend or anything.

Mr. Date-Less, I've got a problem. I've got a really nice boyfriend, and it's the first time in a while things are actually working out for me. But on our last date, I said the L-word and he didn't say it back. What does that mean?

Advice: I hope by L word you mean love and not lesbian. Would be awkward if you told your boyfriend you're a lesbian and he said 'me too'. So I'm going to go with love. Here's the thing about guys, they don't like admitting anything. Guys feel like they're under police investigation all the time because they know deep down they've done something wrong. So they'll never admit anything about anything. Ask a guy, 'do you like blue or pink soap?' and he'll say 'I don't know, whatever'. Ask a guy 'what do you want to do tonight?' and he'll say 'I don't know, whatever you want to do'. See? Guys are freaky. So you shouldn't feel bad about a guy not saying he loves you; it just means he loves you but can't admit it. In his mind, as soon as he admits it a SWAT team will swoop in and take him into sissy-custody. And you don't want him to end up in sissy-custody, trust me. Or else it could mean he doesn't love you. But those are the only two options.

Wuzzap man? Ok, so like, last night I think I got drunk and I may have cheated on my girlfriend, like, totally by accident. So yeah. Should I like, tell her, or what? Dude, peace.

Advice: Do you happen to be engineer? No, I'm joking, (bad Date-Less!). Anyway, first thing, find out what actually happened last night before you jump to any conclusions. If you didn't cheat, everything's cool, 'dude'. If you did, forget it. If your girlfriend has any brains she's going to dump you soon anyway, why make things uglier than they have to be? Don't make her feel even worse for dating to you just so that you can satisfy your conscience, you're a cheater, you don't deserve it.

Hi! Uh, I'm an Asian girl, and a white guy asked me out. I've never kissed a white guy, so I need some advice! Thanks!

Advice: I've never kissed a white guy either, so I can't give a lot on advice on that matter, sorry. But as far as I know, white guys and Asian guys aren't all that different on the inside, so don't stereotype and just see how things go. Plus, if he's a UW math student, chances are he's into video-games and anime, so you won't notice a difference.

Alright, that's it for now. Oh, and a shout-out to my friend Zombie Orange Crush! He paid me \$2 to put that in my article. Cool, so see you next time, and don't forget to drop off your questions into the **BLACK BOX**. Find some fun summer love people!

The Date-Less Dating Advice Guy

Horrorscopes

ACCOUNTING: New accounting software makes everything faster. Way too fast! You can now tap into the Speed-Force and run faster than the speed of light. On the down side, you have to wear a really ugly costume. Also, nobody respects you.

Your lucky number is: over 299,792,458 metres per second

ACTSI: While using a life-expectancy formula, you find out you can't die. This information makes you go insane, so you develop an annoying sense of humour and fourth wall awareness. After lots of assassin training you become a mercenary for hire, the Merc with a Mouth.

Your lucky number is: Nobody mention Weapon XI.

AHS: Trying to cure science, you expose yourself to gamma-radiation. This turns out to be a bad idea, and now whenever you get really mad you go insane and destroy everything in sight. But don't worry, your girlfriend still loves you, kinda.

Your lucky number is: 1 very stretchy pair of shorts.

AMATH: Applying your love for geometry and angles, you develop incredible skill at shooting arrows. For some weird reason you decide to be an archer like Robin Hood, dress up in green, and go defeat bad guys by shooting arrows at them. Seriously. Your lucky number is: 20 arrows pointing away from you.

ARTS: After watching *Twilight* in class (you're in Arts, deal with it), you hate vampires. You really hate vampires. So now you go on hunting them, calling yourself the day-walker, and doing a bunch of stuff. You don't realize you're half-a-vampire yourself until it's too late.

Your lucky number is: 16 hours of sunlight in summer.

BBA/MATH, MATH/BUS: After making lots of money on the stock-exchange, you decide to use your skills for good. You develop lots of cool gadgets, learn martial arts from the most expensive sensei's, and partner up with commissioner Gordon to fight the city's most crazy lunatic criminals.

Your lucky number is: 5 different Robins, and counting.

C&O: After trying to combine and optimize adamantium and bone, you forget everything about yourself. After spending a while in Japan, you move to the US and use your shiny claws to open beer bottles and beat up bad bubs.

Your lucky number is: 3 claws per hand.

CS: Computers all over the world blow up because of a crazy scheme by the mob, and your family is caught in the blast. You go insane, wear a black shirt with a skull, and go on a suicidal

revenge mission to kill every crime-boss around. Or something. Your lucky number is: 7 deadly sins, all punishable.

ENG: You engineer a genetic spider. The spider bites you. Then somebody kills your uncle. Upset, you decide to fight crime because of some misplaced sense of responsibility. At least you get to marry a hot redhead. Until the Devil changes your entire history, and now your life sucks again.

Your Lucky Number is: the sinister 6.

ENV: Your dedication to the green colour of the Earth does not go unnoticed. You will be recruited by a space-corps dedicated to keeping the peace all over the universe. Plus, you get to wear a shiny ring! Hope powerful jewellery is your thing.

Your lucky number is: 7199 new friends, all crazy aliens.

PMATH: You're so pure at heart, the Queen Amazon sends you away from the island you live on. Now you're forced to live with man, trying to help making the world a better place by using your strength, invisible plane, and the lasso of truth. Wow, you suck.

Your lucky number is: 0 coolness.

SE: Your software capabilities begin paying off. You build a computer program that helps you design a technically-awesome battle-armour to save your heart and kill bad guys. Then you get drunk and humiliate yourself in public.

Your lucky number is: 99 bottles of beer on the wall.

STAT: Defying all probability, you make a deal with the Devil. Now your head is a burning skull, but you get a cool motorcycle in exchange. Riding all night to claim lost souls, you still have time to find the probability distribution of demons by night.

Your lucky number is: 666 demons to fight tonight.

TEACHING: You try to teach your students to live in peace with humans. Your best friend then tries to kill you, but your students save the day. You use your incredible mind to help the world every day. Also, you're bald and in a wheel chair.

Your lucky number is: X, man.

OTHER/UNDECLARED: You truly are 'other' on the inside. You discover you're an alien from another planet, and the Earth's yellow sun gives you amazing super powers. You battle crime, but then you zoom over the Earth backwards, turn back time, and get stuck in the prehistoric ages.

Your lucky number is: 10,000 B.C.

Rejected Jokes

You want me to be funny? Get this!

So, like I mentioned somewhere else, people said my regular story of Zombie Orange Crush isn't as funny as my old Orange Crush jokes. Boohoo.

So, in response, I'm sending to *mathNEWS* some of my old rejected jokes, to 'up' the quality of my material. These used to be part of my stand-up routine, until I found better ones. That's pretty much all the explanation I can give you at this point.

- (Introducing myself) Hey, thanks! I'm Orange Crush! Now, I know, when you heard Orange Crush you must have expected a stand-up show delivered by a can of pop. That's ok, I'm almost as funny as soft drinks.
- Don't worry if you can't understand what I'm saying, I can't understand myself half the time. My ex-girlfriend used to tell me all the time, you talk like the Swedish Chef Muppet,

you talk like the Swedish Chef Muppet. She liked that joke. Well, one day I got upset and said 'oh yeah? Well, you look like Ms. Piggy!' And that's why she's my EX-girlfriend.

- I like tennis. Girls wearing short skirts, sweating, grunting and hitting things? It's basically just soft porn.
- In Soviet Russia, government votes you! (I do a really bad Yakov Smirnoff impression)
- Ever heard of the spy that killed Santa Claus? No? That's because he was a very good spy, you know.

Like what you read? Good. Now stop complaining about my articles and go read something else!

Funny Orange Crush

Tips for Co-Op Interviews

Here's how NOT to answer interview questions

Since co-op interviews are going on all around you, I thought it's my duty to help everyone nail their interviews. So here's my list of worst possible answers for typical interview questions. Don't use these under any circumstances!

Question: So, why do you want to work for us?

Bad Answer: Why not?

Question: What's your greatest strength?

Bad Answer: hmm... I can't think of any. Wait... did you say strength or weakness?

Question: What's your greatest weakness?

Bad Answer: Kryptonite!

Question: Where do you see yourself in 5 years?

Bad Answer: Working for you? I don't know, who plans that far ahead anyway?

Question: What do you know about our organization?

Bad Answer: Actually I first heard about you in Jobmine... can you explain what you do exactly?

Question: Why would you be the best candidate for this position?

Bad Answer: Well, I know two of the other guys, we're all in the same program, and trust me, they suck. So I'm like the least worst option.

Question: What's your dream job?

Bad Answer: My dream would be to win the lottery and not have to work.

Question: Do you work well under pressure?

Bad Answer: Clearly not, look at how badly I'm messing up this interview! Sheesh.

Hope you all learned something, other than the fact that I suck at interviews. Good luck at finding great co-op jobs!

Working Orange Crush

profQUOTES

[lecture ends] Well, I escaped the neutron star lecture... relatively unscathed.

Balogh, PHYS 375

This dude finds out he now only has 15 years to live so he decides to party like it's 1999.

Matheson, ACTSCI 221

Unfortunately, there's already a name for these things, and I'm not going to use it. Tutte called them "cleavage units", and there's no way I'm writing that on the board.

Geelen, CO 342

How was this algorithm discovered? My hypothesis is illegal drugs.

Cosentino, CS 370

Unnatural Future

The Mike and Ophelia Lazaridis Quantum-Nano Centre

The QNC that's still unmade,
Has excellent stories to tell!
The one of interest of today,
Is of when it went to hell

The doors did open in 2011
The Nanos did rejoice!
A place for them to call their own
And labs that respond to voice!

The 4th year projects began quite swift
The science was abound
Imagination was left unchained
But reasoning was sound

An Eng named Brad
Didn't do to bad
In two thousand twenty
He brought the measure down to size
To Q from his Nano ken.

But strange things do occur
At items that are quite small
What Brad discovered, in his time
Is what began the fall

It seems that Maxwell was quite right
Of nature's Demonic intentions
His mistake of scale did bite
Brad's project machinations

Madness came and then spread
At the project site
The QNC shook and glowed
With a terrifying light!

(These demons, have since been tamed,
And with them, time travel enabled.)
The building built by Lazardis,
Did shift, but was unstable.

The effect that was the end result
of scientific advance:
A vacant hole of verdant green
Subsequently covered with plants.

By 2050, the spot, untouched
Except by student feet.
Tossing frisbee back and forth
Upon the quantum defeat.

The Unnatural Futurist

This is not filler!

We swear!

We Write STUFF

Based on George Carlin's monologue, "Stuff"

This article, it's just a place for my stuff, ya know? All my ideas, here on paper. That's all, a little place for my stuff. That's all I want, to put some ideas down on this *mathNEWS* paper — that's all you need in life, a little place for your stuff, ya know? You can see it in this entire issue, everybody's got a little place for their stuff. This is my stuff, that's your stuff, and there's InsidED's boring stuff over there. That's all you need in life, a little place for your stuff. That's all that *mathNEWS* is: a place for us to write down our stuff. If we didn't have so much stuff to say, we wouldn't need a *mathNEWS*, we could just talk about it.

I mean, *mathNEWS* is just a pile of stuff with a cover on it. You can see that when you go to MathSoc and look at all the old issues. You look around, you see everybody's got a pile of stuff with their name on it. All the little piles of stuff. And when you've got some ideas, you've gotta write them down. Wouldn't want somebody to come by and say it was their stuff! They always claim they wrote the good stuff. They never bother with that crap you're saving. All they want is the stuff that's worth marks with your profs. So that's all an article is, a place to keep your stuff while you go out and... think of more stuff!

Sometimes you gotta start over, start writing a new article. Why? No room for your stuff anymore. Did you ever notice when you go and read someone else's article, you never quite feel a hundred percent at home? You know why? No room for your stuff. Somebody else's shit is all over the place!

Have you noticed that the stuff other people write is shit, and the shit you write is stuff? God! And you say, "Get that shit out of here, and let me write my stuff down!"

Sometimes you gotta leave *mathNEWS* and go write elsewhere. But you gotta take some of your *mathNEWS* stuff with you. Let's say you're doing an editorial for the Iron Warrior, so you gotta write a smaller version of your article. It's the second version of your stuff. So you grab your *mathNEWS* editor, and go across

*prof*QUOTES

So we've got two ASSes here, and this is what reminds me of the man with two buttocks.

Hoffman, PMATH 330

This lecture is like a chain saw, it makes these ugly noises, and you just want to turn the damn thing off.

Hoffman, PMATH 330

I know, that joke is horrible, and it's not even original. You should hear my original jokes. They really suck.

Geelen, CO 342

[after polling the class to change the TA's office hours]
It's much easier to do it this way. In CO350, we're trying to schedule a midterm for 300 students. We've had 2 rounds of UW-ACE polls and it's going to shit.

Geelen, CO 342

What kind of plunker would say the empty graph is not connected!? It's about as connected as you're going to get, it's a complete graph!

Geelen, CO 342

the entire campus to Iron Warrior office, and you get a little desk and you write your stuff: "Here's a place here, put a little bit of stuff there, put some stuff here, put some stuff - you put your stuff there, I'll put some stuff - here's another place for stuff, look at this, I'll put some stuff here..." And even though you're far away from *mathNEWS*, you start to get used to it, you start to feel okay, because after all, you can write some of your stuff. That's when your friend from Imprint calls up and says, "Hey, why don't you come over to Imprint and write some stuff for us over here."

Oh no! Now what do you do? Right, you've gotta write an even SHORTER version of your stuff. The third version of your article. Just enough stuff to get your point across. You get to Imprint - I mean, you're really getting extended now, when you think about it. You got stuff ALL the way back in *mathNEWS*, you got stuff in Iron Warrior, you got stuff in Imprint. I mean, the idea supply lines are getting longer and harder to maintain. You get over to Imprint and you get a little desk, a little laptop, so you write your stuff there. You've got your zombie references, you've got your *prof*QUOTES, and you write everything down. It takes about an hour and a half, but after a while you finally feel okay, say "All right, I got my zombies, I must be okay." That's when your friend says, "Aaaay, I think tonight we'll go over to the dark side, and write some stuff for Chevron!"

Aww, no! NOW what do you do? Right - you gotta write an even SHORTER version of your stuff. The fourth version of your article. Only the stuff you know you're gonna need: *prof*QUOTES, bashing Imprint, horrorscopes, interesting math problems, comics, and offending engineers.

Nadz

Games the FCC Should Really have looked at

These days, we see complaints of the effect of video games on teenagers. But playing classic games has lead me to believe that lawyers and government officials have turned blind eyes to games without high graphics. So I am going to go through some classic games and question why some major flaws in the game were not brought up.

Dr. Mario:

This classic game entails the treatment of patients by a mad doctor. People claim House is edgy with his endangering of his patients lives by making guess prescriptions. Dr. Mario is the one who should go to an insane asylum, as he prescribes seemingly random pills for 5 minutes straight. He expects the patient to modify the alignment of the pills while the drugs are forced down his throat. Even still, even if the patient is cured of viruses A and B, and is left with virus C, Dr. Mario will continue to prescribe antivirals of A and B, because he is too lazy to re-diagnose the patient. This game encourages the excessive over-pharmaceuticalization of society, and instills a fear of doctors to American society. What school in their right mind would give an M.D. to a plumber?

To Be Continued...

Tbor

\$25 HMV Gift Certificate

Have you won?

Holy crap! We received a lot of submissions this week! So many, that we had to cut a few for space reasons. We apologize to those writers, and the cut articles will be published next time. Promise!

Our winner this week is the Rob Goblin. He described UW Math so well, he can "cum" to the MathSoc office to pick up his prize.

InsidED

Drywaller

"Listen up. Our client isn't picky, as long as each square has the right number of walls surrounding it. Sounds a little tricky, but we didn't get to be the #3 drywall outfit in town by being lazy."

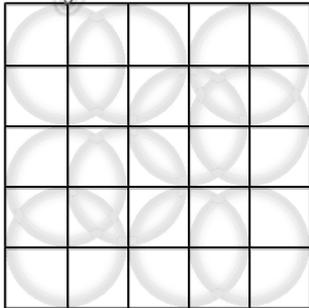
Also:

- There's a wall around the outside
- They want exactly 9 rooms

2	1	2	2	1	1	1	1	2	3
1	0	1	1	1	1	1	1	1	2
1	0	1	2	2	1	1	2	2	2
2	1	2	2	1	0	0	1	3	3
2	2	3	2	1	0	0	1	2	2
1	1	2	3	2	1	1	2	1	1
2	2	2	3	2	1	1	1	0	1
2	1	1	2	1	0	0	0	0	1
2	1	1	2	1	0	0	0	0	1
3	2	2	3	2	1	1	1	1	2

umbrellas

Place the following 10 squares on the 10 circles so that the overlapping numbers match up.



06	84	40	65
04	58	81	59
93	10	44	04
34	43	32	30
26	94		
85	93		

Solutions to Last Issue's gridWORD

M	A	L	S	I	T	G	R	N	A	T	E	T	M	S	H	A	V	F	E						
L	O	B	E	O	A	D	D	A	A	I	R	V	L	N											
A	T	R	L	A	O	P	A	I	N	G	E	S	C	L	H	O	I	O	M	S	E	E			
T	I	I	R	E	N	E	A	B	A	M	T	H	K	D	C							R			
Y	V	O	I	G	N	E	C	A	R	U	E	G	A	E	M	R	H	H	E	A	R	N	O	G	
P	A	D	E	A	P	G	S						A	S	N	D							Y	R	
U	T	N	E	R	G	S	I	V	R	E	R	B	S	I	A	L	T	I	I	O	Y	N			
S	E																							E	
																								A	
		P	C	R	I	E	R	D	C	E	S	M	I	L	T	O	N	C	A	U	T	I	O	N	N
C	O																							E	
L	R	A	I	M	E																			R	
I	A																								
E	C	L	A	B	T	A	E	L	D	C	E	O	N	D	E	O	S	R	T	A	O	N	G	T	A
N	L																								T
T	E	N	T	S	U	L	E																		O
																									E

gridCOMMENTS

There was another good haul of solutions for last issue's *gridWORD*. The breakdown was six cryptic solutions and two quick solutions with one incorrect solution for each set of clues. The cryptic winner is Edward Cheung who wants Humpty Dumpty to be first against the wall when the revolution comes because "I'm lazy and he's already sitting on it ... he'll fall anyways so no guilt either." If he is going to die anyhow, I don't really see the point. The winner for the quick clues is Henry Fung who chose as his target "Whoever decided to use one grid to two puzzles ... So far haven't figured out the best way to submit both puzzles effectively."

Well Henry, I'm going to say that the choice was effectively yours as you could always have photocopied the page, picked up a second *mathNEWS* or just reproduced the grid on a piece of graph paper for one of the solutions. The method of using pink and blue highlighter is not recommended unless 3D glasses are included so that the answers can be read separately. Having the solutions fit on the same grid has long been a part of *mathNEWS*.

For both prize-winners, you can pick up your prize at the MathSoc office and keep submitting. The **BLACK BOX** is as always ravenous for victims. This issue's *gridQUESTION* is: Why are all MathSoc representatives ghosts?

perki

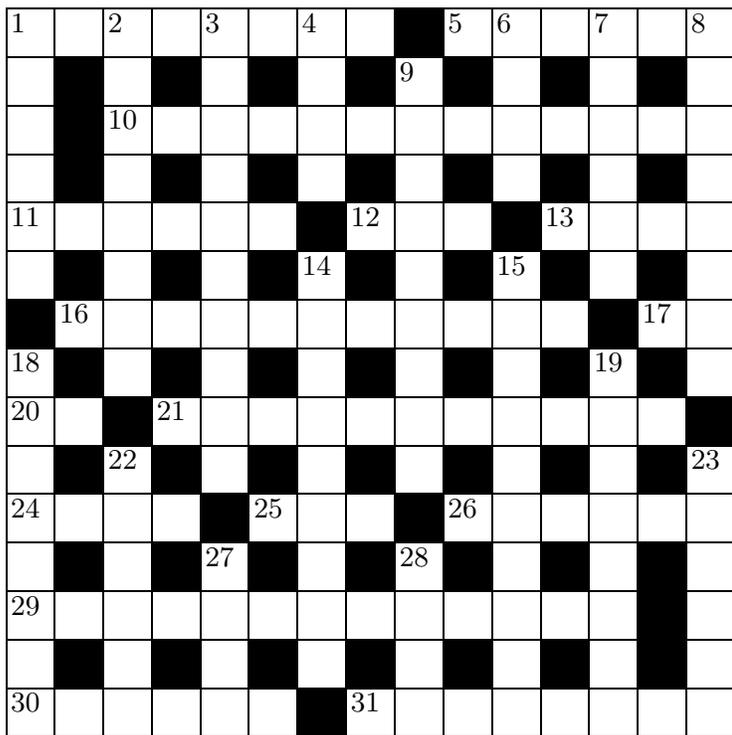
Puzzles courtesy euri.ca

1			9		3	4		
3				1				
		9			6	1	7	
		3	4		5		6	
		4				5		
	2		3		9	7		
	6	8	7			9		
				9				7
		7	8		4			1

profQUOTE

If I use that [equation], I will have to stop and think, and if I do that I will make mistakes.

Godsi, MATH 239



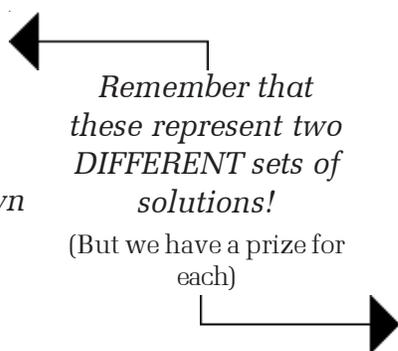
Quick Clues

Across

- 1. Famished
- 5. Two-channel
- 10. Theory of law
- 11. Ambrosia
- 12. Rigid
- 13. Cab
- 16. Uncountable
- 17. Out opposite
- 20. Solfège note
- 21. One who suddenly, uncontrollably falls asleep
- 24. Genuine
- 25. Demeanor
- 26. Flash rapidly
- 29. Illicitly
- 30. Accountable
- 31. Liquid snowflake?

Down

- 1. Calm
- 2. Next to
- 3. Indigenous language
- 4. Face feature
- 6. Squared away
- 7. Landing strip
- 8. Compliant
- 9. Litter for the sick
- 14. Pitiless
- 15. Backwash
- 18. Descriptor of some office work
- 19. Data storage unit
- 22. Yellow fruit
- 23. Official order
- 27. Image of a deity
- 28. Carouse



Remember that these represent two DIFFERENT sets of solutions!
 (But we have a prize for each)



Cryptic Clues

Horizontal

- 1. Greed starts capitalist stupidity without small state (8)
- 5. Emptied male fresh lamb preserves dead bodies (6)
- 10. Shedding light upon enlarged nigh headless X men starting time (13)
- 11. Flag messes up waving function left of tailless African antelope (6)
- 12. A rise to power contains a collection (3)
- 13. Diety singing contest (4)
- 16. Emergency room west of Yukon emptied hiker taking circle from confused coyote red blood cell (11)
- 17. In Atlantic Time (2)
- 20. Included in everything (2)
- 21. Terrifying constant evens neurons having eaten (11)
- 24. Brass instrument to sound like sheep, by the sound of it? (4)
- 25. Mixture of gases to inherit, so I hear (3)
- 26. Drug at head of US President's food (6)
- 29. Finishing worthless cloth, mind reader removes list sounding like shun breaking into pieces (13)
- 30. Measuring no insertion into leg, thought lacking moral obligation (6)
- 31. Small precipitation music surrounds different watermelon skin and baseball out (8)

Vertical

- 1. Automobile: genuine without a cubicle (6)
- 2. Harassing news organization without second certainty (8)
- 3. Deleted word surrounds goals against a group of representatives (10)
- 4. Trip to Gatinneau contains loose garment (4)
- 6. Long hair becomes mean (4)
- 7. Old, confusing DNA items for discussion (6)
- 8. To injure President's home state in alteration (8)
- 9. Street without empty singer carries the injured (9)
- 14. Knowing before small President places me in penny (9)
- 15. Sound entering into historian twice beheaded (10)
- 18. Joyous medium infrared thorium almost full (8)
- 19. Endless straw in western Eriteria drains water (7)
- 22. Acquire zero teaching assistants in enclosed box (6)
- 23. Rumoured baby goose without long fish drinks (6)
- 27. Forgetting overtime surrounding Michigan (4)
- 28. Hot audio visual inside Los Angeles (4)

*Submit before June 21st at 5pm
for your chance to win!*

Name: _____

Answer to *grid*QUESTION: _____