

Volume 104, Issue 5

Friday, July 13th, 2007

the lives of UW students...

Through the

Years

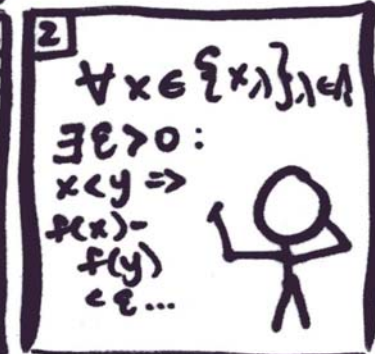
Finkels, Nadz

Chemistry Major



Finkels, Nadz

Pure Math Major



Finkels, Nad z



9|770705|041004|

lookAHEAD

mathNEWS

July 13	Issue #5
July 23	Production Night #6 6:30, MathSoc (MC3038) All are welcome!
July 27	Issue #6

Math Faculty

Questions about what some of these mean? See an academic advisor!

July 26	Withdraw/Failure period
July 30	Open Enrolment for Fall 2007

MathSoc

Yesterday	Pints with Profs
Wednesdays	Games Night
July 12	Mathsoc Movie Nights Presents: "Letter from Iwo Jima"
July 17	Bjarne Stroustrup Talk
July 22	Wasaga Beach Trip
July 23	Teddy Bear's Picnic

MGC

Wednesdays	Pizza Days
------------	------------

CECS

Continuous Phase Ongoing

see www.cecs.uwaterloo.ca/students/datesF06.php for details

Student Awards & Financial Aid

July 13	Last day to submit Spring Undergraduate Appeals
---------	---

Feds

see feds.ca/events for details

Miscellaneous

July 14	Bastille Day (France)
July 17	Tediz Picnic
July 18	Robert Hooke's Birthday
July 22	People's Uprising Day (Slovenia)

Bug of the Fortnight

Bug of the Fortnight is a biweekly article which challenges *mathNEWS* readers to find bugs and errors in lines of code. In general, the buggy code is in C (since C is the most abused language out there), and is several lines of code.

The following code is designed to generate a random string of random length (with length being less than 1000):

```
#include<stdio.h>
#include<math.h>

void main()
{
    int iLength = rand()%1000;
    char* pcRand = new char[iLength];
    for(int i = 1 ; i <= iLength ; i++)
        pcRand[i] = rand()/$255;
    for(int i = iLength ; i >= 0 ; i++)
        printf("%c",pcRand[i]);
}
```

James Simpson

mastHEAD

Hee ho, the fury of even the mightiest storm did not quell our determination to createth *mathNEWS*. Especially considering that the storm was outside and we were indoors, it had very little power over us. That didn't stop it from raining the moment I went outdoors, though. Still, come rain, shine, sleet, possums, apocalypse, or potato skins, we bring to you the most sacred of all texts. And *mathNEWS*.

Our production crew, cheerful as ever, were teh awesome as normal. They gleefully awaited their *mastHEAD* question which was "What stupid project do you want MEF to fund?" We present to you their responses. Dan G "Total world domination!!!"; Richard "My personal slush fund :)"; DanS "CSEF, a computer science endowment fund"; Val "Plan to foil plan for total world domination"; Mark "Flights for grads to India to follow all the outsourced jobs"; Robert "Reimburse Google and Microsoft for all the T-shirts they give to the undergrads."; Math.Random(), who wasn't even here, apparently says "Boobs"; Jason "A giant robot to wear the pink tie and stop the inevitable alien invasion"; James Simpson "A slushie machine for the CSC".

A *mathNEWS mastHEAD* wouldn't be complete without thanking people. As always we would like to thank Graphics for keeping earth on its orbit since 1740. We also want to thank the people living in the mirror for conversation and beauty tips. We also appreciate modern art for its exorbitant prices and lack of effort.

Michael 'PerkiED' Perkins "B.C. *mathNEWS* Hall"
Michaelangelo 'AngeLED' Finistauri "Whores."

Super Smash Bros Tournament

Coming **this Monday**, we're throwing yet another Super Smash Bros Melee Tournament.

It's at the SLC Great Hall, and registration starts at 5:00pm. Pre-registration is on the website www.uwgamers.org and, while not mandatory, helps us speed up the on-site registration.

Some useful things to know:

- 1 on 1, no items, stock 5
- Random Stage selection, with several deactivated (see website)
- Choose a character, and stick with them!
- EB Games gift certificates for the top 4 paying competitors
- Swiss Round Robin, Triple Elimination

So check out the website and sign up!

UW Gamers Dude

ISSN 0705—0410

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.

This work is licensed under the Creative Commons Attribution-NonCommercial-NoDerivs License. To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc-nd/2.0/ca/> or send a letter to Creative Commons, 559 Nathan Abbott Way, Stanford, California 94305, USA. Terms may be renegotiated by contacting the editor(s).

Rosencrantz and Guildenstern: Michael Perkins & Michaelangelo Finistauri

VPAS Sez

Hey guys! So, the term is quickly running out but that doesn't mean that we're out of MathSoc stuff for you!

- Okay, so maybe this isn't MathSoc, but UW Gamers (a.k.a me) is running a Super Smash Bros Tournament on Monday the 16th. See the posters (or the website www.uwgamers.org) for more information.
- On Tuesday the 17th, the Computer Science Club is hosting a talk by Bjarne Stroustrup (the inventor of C++) at 7:00, in AL 116.
- The fabled Wasaga Beach trip is coming! Sunday, July 22nd, for only \$7 (\$10 for non-mathies) you can spend the entire day sunbathing on the beach!

That is all! Until next time!

Mark Jackson-Brown
Vice President, Activities and Services

mathNEWS increases chances of getting girls

LONDON, Ont. (mNP) - A new study out of the University of Western Ontario confirmed that carrying *mathNEWS* increases a guy's chance of getting girls by ten percent. "This is one of the most important studies to come out of the University of Western Ontario to date," an anonymous source close to the project said. "Note that it is not necessary to read *mathNEWS*, as that requirement would outweigh any benefit, it is only necessary to carry *mathNEWS* around with you wherever you go."

Because of this study, hopeless nerds from around the world have been drawn to Waterloo, Ontario in hopes that they may pick up a copy of *mathNEWS* for themselves. "If I can get my hands on this great publication from the University of Waterloo Mathematics Faculty, my life will be complete," said one overly geeky guy from the Massachusetts Institute of Technology.

The Western study consisted of twenty nerdy males and twenty attractive girls. Ten of the males were carrying *mathNEWS* and ten were not. The girls were held at gunpoint and told to make out with the nerd in front of them. All of the girls standing in front of a nerd without *mathNEWS* refused and were subsequently killed. One out of the ten girls standing in front of a nerd with *mathNEWS* did choose to make out with him - an increase of ten percent according to the Western math department.

When asked about her unique experience, the girl who made out with the nerd responded, "I should have chosen death."

Malcolm Stevens

Life Lessons from CS

CS stands for Computer Science by the way, not Counter Strike. Don't come to me about CS when you're referring to the game.

- You can't predict your future state unless you know your current state and what you're doing
- Pipeline your daily activities. Apparently it's faster than multicyle
- Improper recursion can really screw you over... recursively
- Practice safe hex and avoid viruses!
- Most of the time, the answer "null" is wrong
- Numbers aren't infinitely large... you'll eventually come to the smallest number possible
- If you can't find the answer at 127.0.0.1, go to Google

Bjarne Stroustrup Coming to Campus

(He's the guy that invented C++!)

Thanks to the Computer Science Club, the inventor of everybody's favourite programming language (CS135ers aside) is coming to UW.

As Stroustrup himself puts it, he "invented C++, wrote its early definitions, and produced its first implementation... chose and formulated the design criteria for C++, designed all its major facilities, and was responsible for the processing of extension proposals in the C++ standards committee."

He will be talking about his recent work on the latest revision of C++, (referred to as C++0x), including the current state of the standards process, and examples of proposals that are being considered for the next standard. There will also be a question period.

The talk will be at 7:00pm in AL 116, on Tuesday, July 17th.

MJB

The iPhone Conspiracy

You may have noticed that for the last month or so news sources with geeky inclinations, and even just normal ones, have been unable to stop talking about a new gadget. *mathNEWS*; however, cannot be grouped with all these other sources. I put myself at great risk by saying this, but something needs to be said. This even goes up as far as the Chancellor of the university.

mathNEWS, despite having an issue released at about the same time as Apple's new cell phone, didn't bother to talk about it. Some would say that the under-manned production staff forgot about the whole thing, especially since everything was written almost a week in advance, but the truth is far more chilling than that.

You see, there are some out there who are convinced that the iPhone and RIM's Blackberry are competing products. Both have phone capabilities, both send and receive emails, and both do numerous other things; never mind the fact that one is missing the features for a corporate user, and one is overkill for a personal user — the higher-ups at RIM are worried.

Have you ever been to a University of Waterloo function? There are giant Blackberry advertisements; the RIM people have even managed to weasel their way into the ceremonial leadership of the university. We at *mathNEWS* didn't miss the iPhone launch because we forgot about it, we missed it because of strong editorial control from above.

DanS

- CS is no longer an esoteric enigma... so seriously girls, give us a chance!
- "Do not open" are usually opened on somebody else's property
- Random Variable from STAT230 is not asking for `x = Math.Random()`
- Overclocking drains power and deteriorates your brain
- The function of your attention span over time in class is $k/t+c$. k is a constant, it represents your ability to maintain conscious. t is the variable time; $t>0$, and c is your lowest attention span while alive. [Excerpt from Antiderivative by Dacheng Cheng]

Orthenix

profQUOTES

We thought we had escaped geometry, but somehow it's coming back.

Bodmann AMATH231

I have a function in my pocket, and when I pull it out...

Bodmann AMATH231

If they die the instant you sell them the annuity then they get [nothing].

Bodmann AMATH231

[To math on the board] Ah, don't do this to me!

Bodmann AMATH231

Down with Fourier series.

Bodmann AMATH231

I would actually call this the Fundamental Theorem of Actuarial Science

Wilmot ACTSC232

That doesn't make sense. Oh well.

Wilmot ACTSC232

I didn't explain why this is 'x-n' because it's not.

Wilmot ACTSC232

Plus, minus—it's the same thing.

West AMATH250

It's kinda like being drunk—it's kinda fun.

West AMATH250

Scientists discover new element

In a recent breakthrough in the world of chemistry, the University of Waterloo's science department discovered the existence of a new element. Now added to the periodic table is the new element Explosium. Explosium has no mass and is highly volatile. Unlike other elements, Explosium is neither a metal nor a non-metal. Explosium reacts with every element and is in a constant state of exploding.

Other discoveries surrounding the new element include the realization that the sun is composed out of 73% pure Explosium. Even one molecule of Explosium can result in the total destruction of any planet, forcibly creating a miniature sun. At absolute zero, Explosium still explodes.

There only exists one molecule of Explosium on earth, which is owned by millionaire Katrina Rexworth of the Megalomaniacal Organization of Mad Scientists (or MOMS for short). The molecule, valued at the cost of all life on Earth, is contained in a permanent vacuum. In the event that the vacuum should fail, even for a split second we all would be instantaneously obliterated.

The US Government has announced that it plans on utilizing Explosium as a way to continue its costly war. The rest of the world already fears the destructive potential of a redneck cretin without the added power of Explosium. Goku, from Dragonball Z, says that nothing is more powerful than the force of Explosium and "... even my Super Albino-Monkey-on-Steroids Form cannot withstand Explosium".

The Hee Ho

Are they independent? They better be for us to finish this in the next three minutes.

West AMATH250

This is the kind of result you could only get in the 60's.

Lopex-Ortiz CS240

One time I ate monkey brains and went "ooh! ooh!". Just kidding, I never ate monkey brains. Yuck!

Wolczuk MATH138

[About a function] I'm positive it's positive, and will continue to say it's continuous... and decreasing.

Wolczuk MATH138

[Of assignment] Cheating is all good in this class.

Naeem CS241

Traverse the tree using your favourite traversal algorithm which we'll talk about in a little while.

Naeem CS241

Phew! I'm done with parsing! ... oh no, I'm not...

Naeem CS241

e to the minus BS. Okay, I didn't say that – don't put it in the quotes.

Anonymous

After a day like today, I need a beer.

Anonymous

*Has your prof said something quotable? Type it up and send it to mathnews@student.math.uwaterloo.ca, or write it down and drop it in the **BLACK BOX** (located on the MC 3rd floor, between the Comfy and the C&D).*



SUPER SMASH BROS. MELEE TOURNAMENT



**THE ULTIMATE NO-HOLDS-BARRED CHALLENGE!
AND, DUE TO POPULAR REQUEST...
IT'S A "NO-ITEMS" TOURNAMENT!**

**MON., JULY 16/07, Registration at 5 PM,
Begins at 5:30 PM, LOCATION: SLC Great Hall**

- | www.uwgamers.org | -

Dating Advice From The Single Guy

Dear The Single Guy,

there's this guy that I kinda have a crush on. he's really sweet, and he's also a huge nerd which is a great because nerdy guys are soooooooooooooooooooooo cute. he plays all these games with his friends. I've played once or twice, but the rules are so complicated and don't make any sense so I can't remember them all and then I look really dumb when he has to explain the rules to me for the hundredth time. like when he tried to teach me how to play some "Settlers of Katan" game, we had to build settlements and my settlers are all vegetarians so I thought I would be able to build a settlement without sheep, but he said I couldn't do that and I don't understand why I can't have vegetarian settlers. and then I tried to build a city with ore and wheat but I didn't have enough so I tried to make it a small city but he told me I couldn't do that either but why can't I have a small city, it doesn't make any sense. so can you suggest any games that he might like that have rules that make sense?

Cathy

Just out of curiosity, how exactly did you find out about *mathNEWS*, let alone my article? You really don't sound like a math person, especially with the fact that you're unsure about the rules of Settlers. I was pretty sure that was a requirement. By the way, it's Catan, not Katan, one is the fictional island setting of Klaus Teuber, the other a former SNL cast member who's not funny (although, that's hardly a unique identifier). Settlers is always coming out with new expansions. The big ones, Cities and Knights, or Seafarers are very well known, but then there are the lesser known smaller expansions like The River, Fishermen of Catan, and the event deck. Luckily, the people in charge of making all these games actually have some new products coming out soon that perhaps you could get this cute nerd of yours to buy before the next time you play. "Vegetarians of Catan" and "Police and Towns of Catan" (like Cities and Knights, but less complicated because, as a veteran Settlers player, even I admit the C&K rules are a bit much) should help you out with these glaring omissions in the rules.

Sorry, I seem to have gone off topic a bit. You see, I'm actually quite the Settlers player (who else has heard of most of those expansions above, or has the inside information about the new ones coming out?) so I seem to have been a little distracted. If he will not accept you for who you are, a girl (even though you're one who can't comprehend settlers), then he's not worth the effort. Don't forget, around here, all you need to do is go somewhere on campus and yell out "I'm a single girl who likes nerdy guys" and you'll get a mob of mathies and engineers swarming about you hoping you would pick them over all the others. In fact you should do that, and turn it into a contest and write a series of humorous *mathNEWS* articles.

I must be doing my job well. I'm out of letters to answer, without getting a second one. Come on people, I know you're not all in happy, working relationships. The term isn't over yet, still time for one more issue. Get writing. *[Or start screwing up your relationships — AngelED]*

The Single Guy

It's that time of year again!

Today is the last day of E3. This one is special because this year it's being held in July instead of May. This will also be the last one I cover for *mathNEWS* (4 consecutive years). Oh, there's also something about the show being smaller this year than previous. That made it much more difficult to attend this year; apparently *mathNEWS* isn't *press* enough to get in. In those previous years of mine covering the show, I've built up some friends in the industry, and I have managed to convince some co-ops I know to break their NDA's to get you readers some exclusive information you won't even find on the Gamespots or Joystiqs out there.

- To keep going with releasing new revisions of hardware with new features, something console makers have been trying to do for a very long time, Microsoft has announced the *?ber1337* to top the elite, premium and core versions of the Xbox 360. This one will be pink and have a 160GB hard drive (40GB more than the elite) and will retail for the same amount as the PS3. HDDVD support is planned for the next version of the 360 they release.
- In terms of Wii games, many more minigame collections were announced as well as more ports to old PS2 and Xbox games that nobody plays anymore but this time with new controls that feel tacked on. Face it guys, the Wii just can't do your realtime sword fighting game. At least the new Smash Bros. is looking kinda cool, oh, too bad it doesn't use the special controls.
- In a surprise move, Sony made the PS3 look like it didn't suck. It has more reliable hardware than the 360, and when you add in the cost of Xbox live (since the PS3 online service is free), games larger than 9GB—and pretty much every Xbox title except Halo—it starts to look good by comparison. Nobody thought this could possibly happen but apparently it did.
- In the World of PC gaming, Blizzard announced they were adding the Tauren to Starcraft 2. After adding a race of space travelling blue things to Warcraft lore (also don't forget Silithid = Zerg), why not add a fantasy race to Starcraft?
- Spore, a game people have been waiting for for years, wishing for more information about ever since it was announced continued to go without any new information other than the fact that it was being delayed again.

DanS

Ninja Pizza

Replaces Warrior Pizza

With the closing of Warrior Pizza, new owners are happy to announce the grand opening of the world's first Ninja Pizza. Combining the ancient art of ninjitsu and the art of making pizza, Ninja Pizza will provide a dining experience that will delight all.

Ninja Pizza boasts that all ingredients will be fresh as ninjas refuse to use something that they did not make themselves. The atmosphere will be unlike any other restaurant as you never see anyone working there, there is an order placed on your head, and – after a burst of smoke – you have your pizza. You never see anyone slice the pizza, but it is always cut. Truly Ninja Pizza will bring the type of food that students everywhere will enjoy: *ninja-made*.

The Hee Ho

You settle like an earthquake!

How appropriate - you quake like nothing else

Settlers too boring? Do you keep on losing when other players box you in and steal your resources? Well, it's time to get back at them; welcome to the world of Insult Settlers, where the only true winner is you — if your skin is thick enough.

You may already know Settlers, but if you don't, here's the basic idea: you build stuff on a map to get points. Granted, there are certain rules, but I'm not going to bother you with them, because in Insult Settlers, they just don't matter.

Instead of making moves by the book you can break them by insulting your opponents instead. While their brains are locked up trying to respond, make your move. However, there is a catch: if they reverse the insult back at you (in rhyme), they get to break that rule themselves. Have nine points, and want to insult your way to getting a tenth? Well, they'll reverse it hard enough to clear your score completely. Ha! In addition, if you use an insult once, nobody can use it again for the rest of the game, so make one up.

Normally, a judge would be recommended to interpret the rules being made up and applied through the insult, and to judge the appropriateness of the reversals, but feel free to play without one — that way, you can insult your way to getting the interpretation you want, for added fun.

Here are some bon mots to start you off:

- Insult: [to freely move the robber] "Across the island, all fear my plunder!"

Response: "The only shake here, is our muskets' thunder."

- Insult: [to remove any opponent's game piece from the board] "I'll leave you pillaged, burned down, and destroyed!"

Response: "With gas problems like yours, doing that I'd avoid."

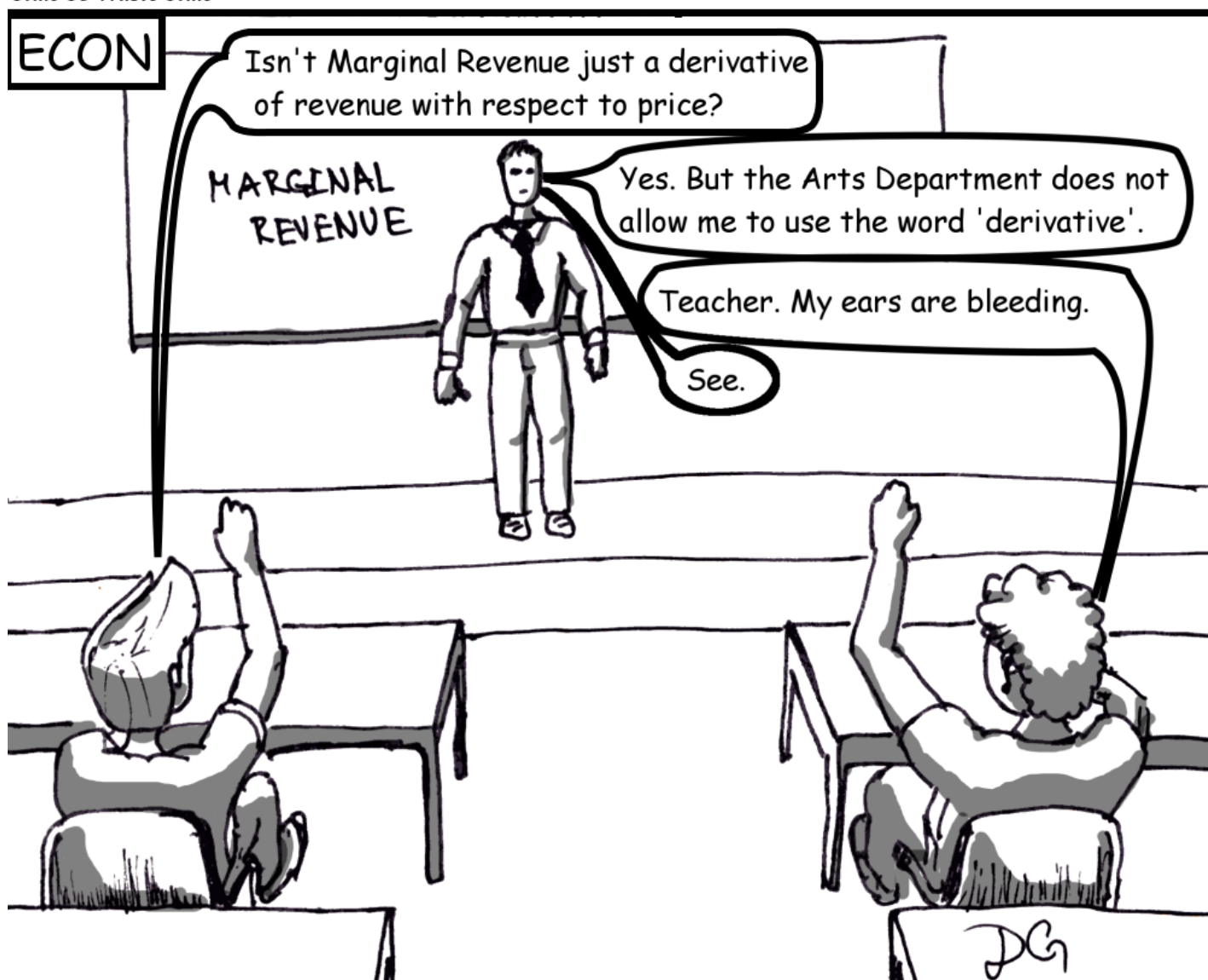
- Insult: [to get a victory point, at the penalty of someone else] "My name is (name), king of all that's there."

Response: "Look upon your works ye mighty, and despair."

Remember: creativity is the key. And you fight like a cow.

Richard

Time To Waste Time



* All similarities with real courses are purely coincidental.

Men in the media

A powerful kick to the crotch

I've just about had it with the attitude towards men on TV these days. I can understand why women don't want to be degraded on television perfectly well. What I fail to understand is why it is okay to make men look brain-dead?

Is it okay to be sexist so long as it's men being made fun of? No fucking way.

I had the misfortune of some of my female friends using the expression "Boys are stupid, throw rocks at them." I have no problem with this. Then they call me a sexist when I say "Girls are stupid, beat them into submission" in response. I guess no one thought that the act of throwing a rock at someone seemed hateful and violent. Now, if paraphenelia with my saying on it were to be published, there would be a stampede of power-crazy feminazis out to destroy the company responsible for it. Why is it okay when it happens to men? Role reversal doesn't mean equality.

Even TV commercials have this seemingly predominant anti-male sentiment. There's an Aero bar commercial where a woman is sharing the chocolate with her friend, but then refuses to share it with the man there because he doesn't "love it". Then to make the point terribly clear that men are afraid of commitment (to a shitty chocolate bar of all things) the words "Men just don't get it" appear on the screen and every guy watching it feels like they've been kicked in the nuts over a chocolate bar. I guess there wasn't enough room on the screen for "Men just don't get the stupid emotional attachment that these two irrational ladies seem to have for chocolate." Then, there's the commercial where the male leads his wife to a wise financial decision and is bragging about how smart he is. Then he starts driving in the direction opposite to the one he's looking in. One stupid gag for feminists, one giant kick in the sack for mankind. Let's not forget the Caramilk commercial where it shows the husband coming home from a hard day at work through the years, glad to see that his wife has saved him a single square of the bar only to have the lazy bitch cram it in her mouth just to spite him. That's right women: treat your man like shit and he'll keep working so that you can sit on your ass all day shoving chocolate into your mouth.

I just don't get how we went from trying to be equal to flat out men-bashing. There is nothing wrong with equality! I am all for equality, but having images of limp-dicked men who are insulted and degraded is a fucking disgrace to what equality is. I can't call one woman a bitch for being a bitch without being called sexist, but this can air on national television with the expectation that men take the kick to the groin and smile. Sexism against men is **still** sexism!

AngelED

Wii-Knife

Nintendo announced recently that some of the newer games being released for the Wii will require a new attachment for the Wii-mote: the Wii-Knife! Games include "Super Serial Killer Hour", the game that promotes violence in youth; "G. I. Joe Shaving Xtreme", where children learn how to shave everything (including their cat); and "Creepy Stalker" because let's face it: people who play video games have no contact with the outside world! Plus many more games that use the blade!

Other controller attachments in development include the Wii

Real News!

But which one?

Here's your update about what's going on around UW.

Unknown to most of the university population, the Nano-Quantum Center is actually finished. But, its location was moved away from the B2 Green. Using some last minute research completed before last fall, they managed to create a miniature pocket dimension in which the building was constructed last year. The design of the building was changed at the last minute as well, with an upgrade to the AC in the building. This new technology will be used to store the growing population of profs and grad students, and keep them fresh between public appearances. Unfortunately the entrance to the pocket dimension was lost when the recent thunderstorms skewed the EM fields keeping it in the lab. EngSoc has offered to aid in the search by putting it in the SCAvenger hUNT acquisition lists this term.

In unrelated news, the renovations to the C&D and the Comfy look fantastic; though, biology students have complained about the brightness as it disturbed their fungal growth projects. More complaints were centered around the new AC vent as the comfy is far too cold now. The C&D had decided to sell frozen treats that they have begun storing there but then lost their capital when Plant Ops decided to close the vent during a recent thunderstorm.

MEF funding council convened last week to determine the fate of the many projects that have been submitted for the term. Among the rejected expenditures was a new IBM 360 for the CSC who wanted it to teach first years how good they have it by making them code their CS13[345] assignments with punchcards, in FORTRAN. Also rejected was a set of impossible solids for the PMAMC&OC, who thought they looked really nifty and wanted to have models of them on display. An interesting one was from the campaign to get the Son of Jor-el to Bow Before Zod, who wanted funding for their 2008 presidential campaign. Probably the most deserved was from a JS who wanted new chairs for the CSC. MEF had to remind him that MEF funds things that help mathematics education, not keep you comfortable while doing so.

CSCF has actually opened up the new Mac labs to all students like they were bound to when they got the funding from MEF. That's right, you can now use the shiny iMacs without being enrolled in any of the artsie CS courses or the first year CS courses, which are artsie enough anyway. This is in contrast with the previous policy of only giving other students access after 7PM, 2 hours after most scheduled labs complete.

This has been your termly report. Now die in a fire... erm in finals and see you next term. Wait, this just in, finals aren't for another 3 weeks. In that case, stick with the fire.

42, a qualified news dispenser

Proximity Bomb, Wii-Nflatable Date, and the Wii Phallic ***** Toy. All of which are being designed for a primarily adult-oriented gaming core.

Protesters of the new blade attachment claim that the Wii-Knife will result in several murders. Nintendo let the protesters test the Wii-Knives for themselves, and afterwards there were no complaints. Also, there were no survivors. The Wii-Knife: coming to a kidney in you!

The Hee Ho

Live Free or Transform

This past Sunday, I took the liberty of throwing away all the free time I might have used to do homework, and instead went to Galaxy Cinemas to take in a double bill of summer blockbusters, *Live Free or Die Hard*, and *Transformers*.

If any of you were wondering how these movies were, there is only one word needed: Awesome.

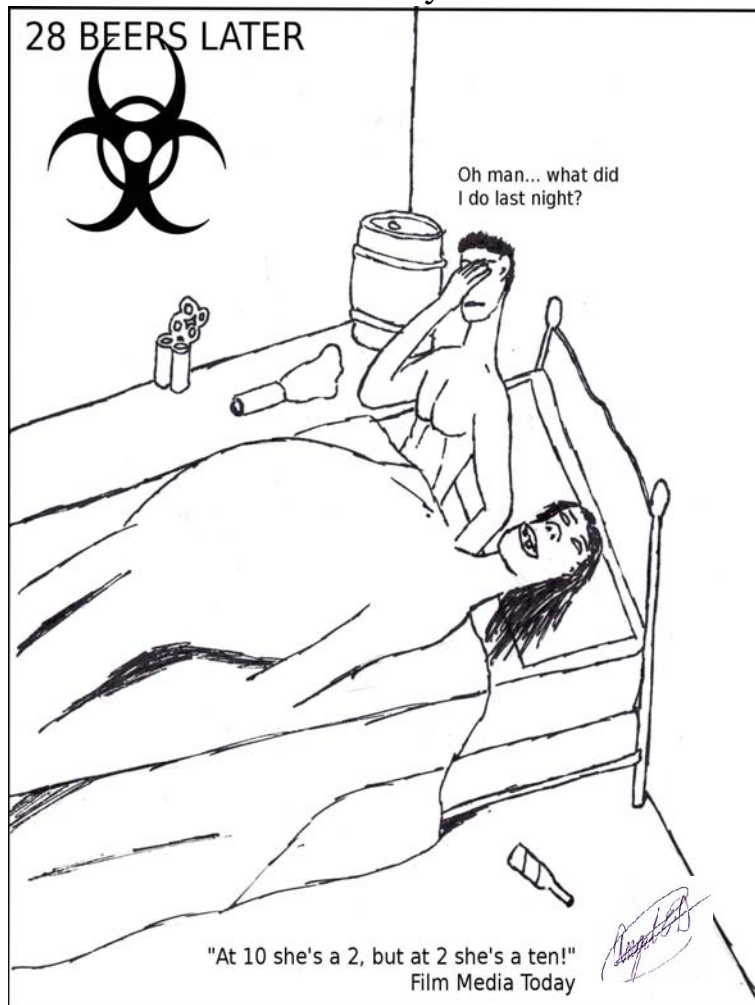
However, after watching those movies immediately one after another, I can't help but wonder if the screenwriters for these films were perhaps running out of ideas, and started stealing ideas from each other after a long night of work (a.k.a. boozing it up). Consider these: (*mostly spoiler free?*)

1. Roughly equal property destruction. If you were to watch both movies simultaneously, I am certain that everytime something large explodes in one movie, the other movie will be right there to blow up something even bigger!
2. Highway Interchange + MACK Truck + Jet Fighters. That is all you need to know.
3. The Department Of National Defence network goes down, and everyone has to resort to using old radios.
4. Explosions. Two hours of them. One might almost think that Explosium was used in the production of these films.

Overall, if you want a recommendation for which movie to see this weekend (aside from Harry Potter, of course!) you really need to look into your heart, and ask "Giant Robots, or John McClane?"

MJB

If and Only If...



Tales from the MC

The Mac Lab

Last time, on Tales from the MC: Shivam, a resident in V1, discovered a horrifying secret about the food in the cafeteria; it's people, and none too fresh people either! As he tried to warn the other students he discovered that they already knew and didn't care. This time, on Tales from the MC: the Mac lab.

Marcus had an assignment due for CS331; concurrency. He required the usage of a lab and so he entered the MC to find a place where he could work on his educational assignment. Marcus entered one of the labs on the third floor.

To his fright, he saw that there were Macs everywhere! What's worse is that there were people using them! He didn't want to gain their attention so he backed away slowly. As he did, he bumped into a desk, knocking a pop can over and damaging one of the keyboards.

Everyone in the lab turned their attentions to him. They all got up and walked towards Marcus who was frozen in fear. "We will install Mac OS X V10.4.10 on you."

Marcus, as a Linux user, did not have the internal hardware in his body to support Mac OS. He needed to get to familiar territory before they could install it. "Don't be afraid, its..."

Suddenly all of the people stopped moving. Marcus was confused. It looks like they froze for no reason. "Yup, that's Mac OS for ya," he said and then walked away slowly. As he entered the hallway he saw a class entering a lab. The students seemed normal and not infected yet, but he couldn't save them. He didn't want to risk getting himself infected.

He dashed towards the exit and bumped into his friend Vishal. "Hello, Marcus. Do not fight it, the school is now endorsing the use of Macs in our labs. You cannot win. You will become an iStudent like the rest of us."

Marcus could only think of one refuge where he could get the resources to help stop the invasion of the Mac users: the CHIP. "Better than nothing..." he muttered as he proceeded.

In the CHIP office he stocked up on Microsoft products; they are the one known weakness for any Mac program Besides the operating system itself, that is. He knew that he was going on a suicide mission and that he probably wouldn't come out unformatted. He didn't relent; he needed to do this.

On his way up to the third floor he was grabbed by someone in the stairway. "Look, man, I know what you're doing; you cannot win. Come with me." The man lead Marcus to a Unix lab on the second floor. "This is the last haven against the Macs. We have built a new society here." And so Marcus gave up his crusade and stayed in the lab, living free of the Mac Syndicate

Thus, in man's struggle to evolve and improve the species there will always be one who will take one giant leap several thousand years backwards. It is these throwbacks that will lower standards and make shitty operating systems so unstable that the user can destroy it with the click of a button.

AngeLED

**If a filler falls in the woods and
there is no one there to read it,
does it make a sound?**

All people created equally

+/- 0.05 equality points, 19 times out of 20

The Bureau of Statistics announced last Wednesday that all people are, in fact, equal. After several years of extensive research and many studies the Bureau has confirmed the saying with great confidence.

“Apparently, kindergarten teachers were not lying to us at a young age,” spokesperson Lisa Weirbull stated. “However, we all are only equal on average. The vast majority of people are well below average, but there is a small percentage of people that are so much better than everyone else that the numbers work out making everyone equal.”

When asked to explain this to people with no interest or knowledge in statistics Weirbull shot herself in the face trying to get the message across. Newly appointed spokesperson Makeham continued where Weirbull left off. His closing statements were “How do you people manage to even breathe when you’re this dumb?” Makeham pointed out that “... being equal is like succeeding at mediocrity.”

The Hee Ho

Top n things to do by the end of first year

- Read every comic on the fifth floor (if profs wanted us to be on time for class, they wouldn’t have made it so hard to get there without distractions on their doors)
- Spend a full night in the comfy
- Wear a pink tie (who’d have ever thought?)
- Buy math merchandise item (yay for π Day!)
- Grow to hate engineers and everything they stand for (even their mascot is a tool!)
- Dash holy water at your Java assignment and yell “The power of Christ compiles you!” at it
- Cry during a mid-term or final
- Go two consecutive nights without sleep because of the work, the work, always the work
- Be converted into commercialized yuppie scum by the co-op system
- Realize that you will not be truly happy for another four or five years
- Write for *mathNEWS*!

Prometheus

Sudoku

The New

The Old

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

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

gridCOMMENTS

Greetings Puzzlers! We did not have as many submissions to last issue’s grid and Sudoku as we did for the previous issue but still enough to award some prizes. The winner for the cryptic is Jamie Pearson who likes his goose cooked alive. The winner for the Sudoku is Sarah Sun who prefers hers cooked painfully, by the flames of angry administration at Needles Hell. Pick up your prizes in the Mathsoc Office.

There were no submissions the the Terminal Condition clues [*If you don’t count the false one with the word ‘whore’ as many of the answers — AngelED*], so I’ll accept any submissions that come in before next production night on the 23rd. I apologize for the lack of numbered clues, but since it looks like I included them all and in the correct order, it should have been trivial to correctly match them to numbers. This issue, I have again pulled a grid from an old issue for your puzzling pleasure. This one has conventional clues, enjoy.

Submit solutions to the BLACK BOX outside the Comfy before 6:30 on July 23rd, 2007 and don’t forget to answer the gridQUESTION: Who do YOU call?

perkiED

Highschools implement new teaching standards

In a shocking turn of events, as of September this year the Ontario School Board of Education will start “... ripping the education system to shreds to appeal to the lowest common denominator”. According to an official release of the new curriculum, called Operation Douche Bag, all high schools in Ontario will restrict the ability of teachers to affect their students.

Due to recent complaints from parents, teachers are now to be bound and gagged during all classes so as not to influence their students in ways that may force their parents to realize that their offspring are individuals. This way, parents without the time to home school their children don’t have to worry about their kids having to cope with the outside world.

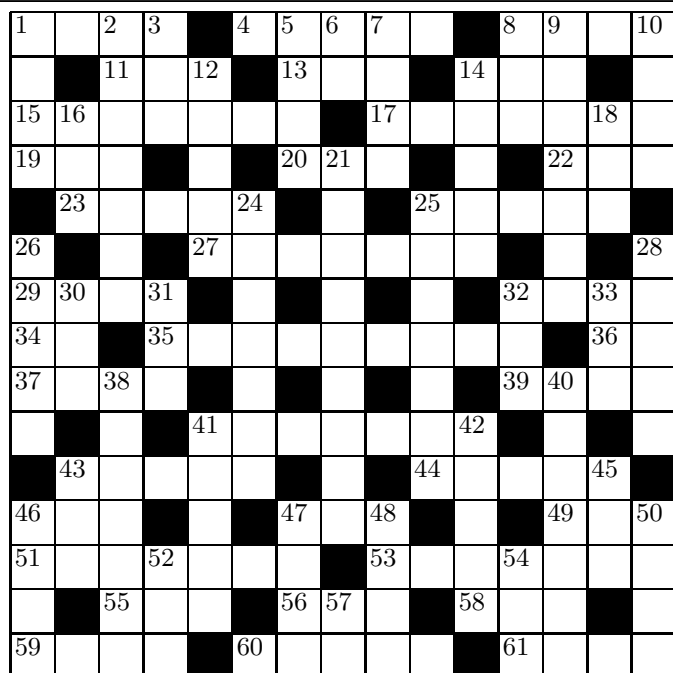
In addition to the rule that teachers are not allowed to assign due dates for homework, teachers are no longer allowed to assign homework at all. This will help students develop their time management skills by allowing them to become lazy. Furthermore, teachers cannot mark assignments, tests, quizzes or other examinations. This prevents students from feeling inadequate because of their failures and shortcomings.

Overall, Operation Douche Bag will produce a work force incapable of taking care of itself. The new changes to the curriculum will make sure that every student is substandard and ineffectual in the real world. This will help prepare them for university where they will experience an endless torrent of metaphorical rape and paddle whacks to the behind. More updates to the highschool curriculum to follow.

AngelED

This 8-letter word has “KST” in the middle, in the beginning; and at the end.

— — — — —



Grid Clues

Across

1. Harsh, guttural voice
4. Leading edge of an air mass
8. Humanity's first home?
11. I am, you ____, he is...
13. Friend, *en français*
14. Busy insect
15. "To him complexities seemed plain"
17. Younger Clinton
19. Land-bound newt
20. Can be pink!
22. A baseballer's hat
23. Let go
25. Adventure
27. Tear down
29. New thought
32. Stage
34. And...?
35. Description
36. French article
37. Leer
39. Symbol of bondage
41. Separate from the church
43. Like, cash, man
44. Taunt
46. Director Besson
47. Electronic money dispenser (abbrev.)
49. Horseless Carriage
51. Green gemstone
53. Perform or eliminate
55. Negative prefix
56. Something to grind?
58. What is it good for? Absolutely nothing!

59. Scottish isle
60. Smack down
61. Examination

Down

1. Stand up
2. St. Andrew's Cross, for example
3. Resident expert
5. Diatribe
6. Hare Krishna mantra
7. The alternative to "naughty"?
8. Snake-like fish
9. Downward spiral
10. Lowest tide
12. Place within
14. Secure, as with a rope
16. Not quite right
18. The better to hear you with?
21. Divide, separate
24. Made known
25. Imitator
26. Facial protection, in a helmet
28. Amphetamines
30. Man's best friend
31. Primate
32. Crafty
33. European moose
38. Theft
40. Not well known
41. Plastic wrap
42. Extend a library loan
43. Shiftless person
45. Consume
46. Refracting glass
47. Denizen Of 8 Across
48. Competition, as for track and field
50. Monthly living expense
52. Fish eggs
54. Feline
57. Characteristic Greek letter?

Solutions to previous gridWORD

