

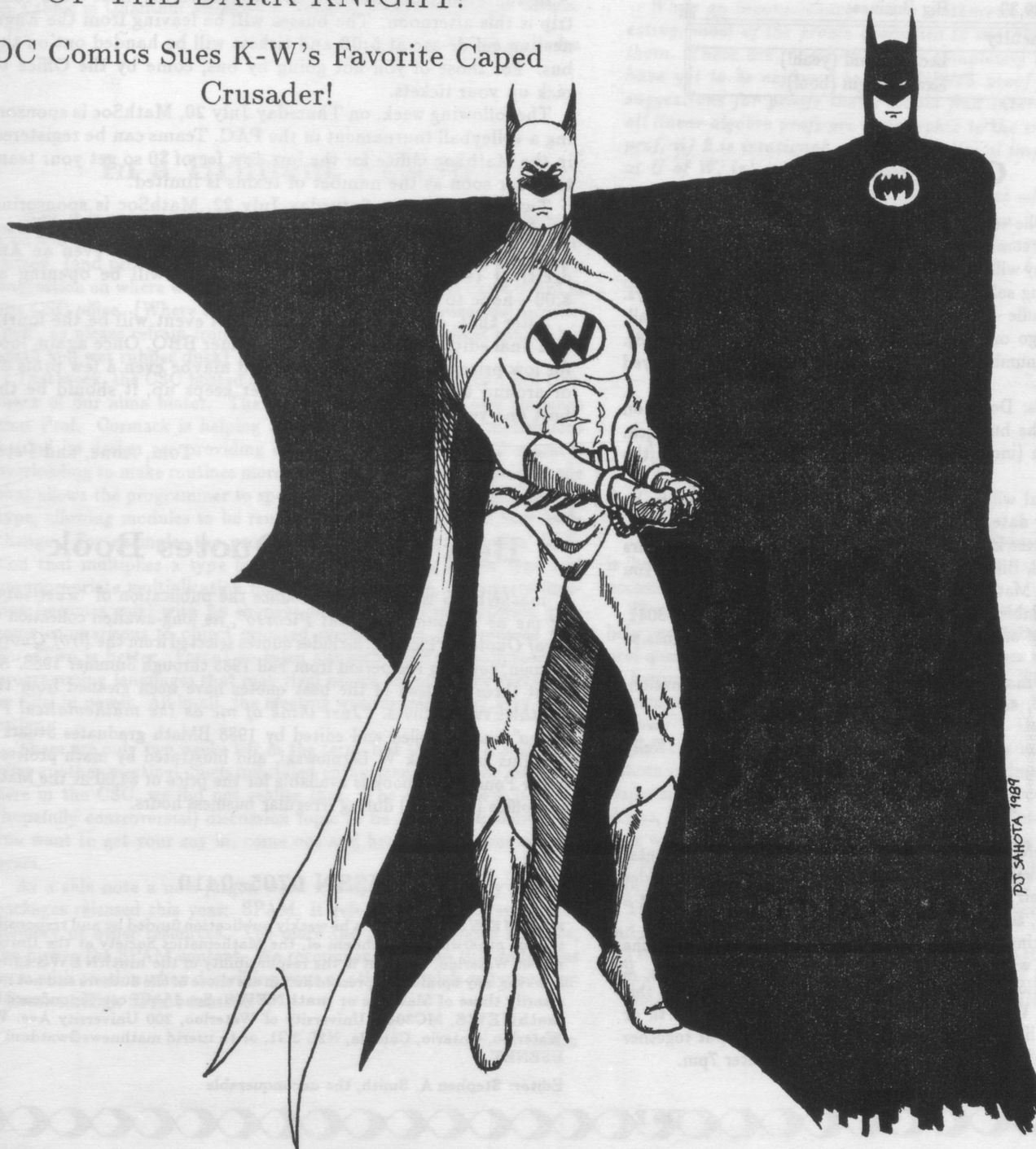
WATMAN UNDER THE SHADOW OF THE DARK KNIGHT!

Volume 50 Number 4

Friday, July 14, 1989

WATMAN UNDER THE SHADOW OF THE DARK KNIGHT!

DC Comics Sues K-W's Favorite Caped Crusader!



Look Ahead

mathNEWS	
July 24	production night
July 28	Issue #5 hits the stands
MathSoc	
July 22	Molson Indy night at Fed Hall
July 26	BBQ on front porch
Cinema Gratis	
July 18	Excalibur Highlander
July 25	The Sweater Blues Brothers
Fed Flicks	
Phys145 at 8 pm	
July 14,15,16	The Dead Pool
July 21,22,23	Funny Farm
July 28,29,30	Big Business
Math Faculty	
July 28	Lectures end (yeah!)
August 1	Exams begin (boo!)

Grads '90

Only 2 weeks of the term left, but there's still a lot of activity for grads. Here's what's coming up!

The next Pizza Day will be held on Monday July 17. Raffle tickets for a CD player are being sold @ \$2 a ticket on Tuesdays and Thursdays. Proceeds from the raffle + pizza will go towards your Math Grad Ball.

Grad Shirts will go on sale the last week of classes (July 24-28). There are a limited number of shirts available. A sample is displayed in the showcase.

Coming Up Socials: Don't miss the wave at the Blue Jays Game on Tuesday July 18. The bus departs at 5:00pm from the loading dock. Tickets are \$12 each (includes transportation). Come out & see the Jays vs. California.

End of term social will be held Thursday July 28. Details to be announced at a later date.

Yearbook Committee is still looking for photos from your past years at university. As well, Blurb forms will be accepted up to July 27. You can hand these in at MathSoc.

Rings will be available to be picked up from July 24-28 in MC3042. Check the schedule of office hours on the door of MC3042 for times to get your ring.

Look for the final mathNEWS edition for end of term information. That's all for now ... see you at the Jays game.

Kelly

Frosh Issue

Every year, mathNEWS sends out a special issue with the orientation information packages that mathFrosh receive. This issue provides frosh with one of their first impressions of math at Waterloo (albeit a slightly warped one), as well as oodles of useful information.

We will be producing this year's frosh issue next week; so here's the chance to pass your wisdom on to the next generation of mathies. If you have any suggestions on what information we should include in this issue, please submit them by next monday or tuesday (July 17th or 18th). If you would like to write any articles for, or help put together the frosh issue, drop by MathSoc tuesday, July 18th, after 7pm.

Thanks for your support.

The Ed

Soc Toc

Canada Day was a load of fun (so they tell me), Stratford was excellent, and Grand Bend was a scorching success. For those of you who missed these events (with good reason we're sure), there's still lots more to come before the end of the term.

But first things first. Summer '89 tie-dyed term shirt order forms are now available. Check out the displays in the third floor display case and the MathSoc Office to see some samples of designs and colours. Prices range from \$15 to \$18 depending on type and number of colours—a gosh-darn good deal in any case.

For those of you wondering about Cheat Shirts, our second order should be arriving during the last week of classes so save your \$9 until then. This set will also include XXL shirts which will sell for \$10 due to increased costs. Oh yeah, Math Socks are still available for those of you who still haven't picked yours up.

In the events department, the long-awaited Blue Jays road trip is this afternoon. The busses will be leaving from the Engineering cul-de-sac at 5:00 and tickets will be handed out on the bus. For those of you not going by bus, come by the Office to pick up your tickets.

The following week, on Thursday July 20, MathSoc is sponsoring a volleyball tournament in the PAC. Teams can be registered in the MathSoc Office for the low, low fee of \$0 so get your team together soon as the number of teams is limited.

Two days later, on Saturday July 22, MathSoc is sponsoring the Molson Indy Pub at Fed Hall. There will be games, prizes galore, all kinds of Molson's products, and maybe even an Andretti or two (or maybe not). The doors will be opening at 8:00—hope to see you there.

After that, our (believe it or not) last event will be the fourth and final edition of the MathSoc Summer BBQ. Once again, look for low prices, high quality food, and maybe even a few profs on or around the grills. If the weather keeps up, it should be the best one yet.

Tom, Anne, and Peter

Best of Prof Quotes Book

mathNEWS is proud to announce the publication of "*Just think of me as the mathematical Picasso*", its long-awaited collection of *Prof Quotes*. "Picasso" includes quotes selected from the *Prof Quotes* column, covering the period from Fall 1985 through Summer 1988. Almost three hundred of the best quotes have been gleaned from the mathNEWS archives. "*Just think of me as the mathematical Picasso*" was compiled and edited by 1988 BMath graduates Stuart L Hodgins and Frank W Letniowski, and illustrated by math professor Peter Ponzo. The book is available for the price of \$4.00 at the MathSoc office (MC3038) during irregular business hours.

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Editor: Stephen A. Smith, the unconquerable

AM Club News

Well, our talk on Group Analysis of Differential Equations was an unqualified success. Those who missed it still regret the emptiness in their lives that could have been filled by the exciting, enlightening, and invigorating series of talks presented by the Applied Math Club. Well, okay, it was only a talk, and there was a bit of a snafu with the rooms, but hey, the best is yet to come.

Yesterday we had our psuedo-annual Applied Math barbecue. If you missed it don't worry, we are having a joint Coffee and Tea party with the Pure Math Club on Thursday July 27 at 3:30pm in MC5136. Come on out and enjoy copious cups of Columbian coffee, along with fabulous fudge and other fresh fodder, as well as the chance to chat with numerous interesting professors and students.

We will be having one more talk this term, on Thursday July 20th from 2:30pm to 3:30pm in MC4042. Professor Paldus will be talking on a topic in Quantum Mechanics. Watch the walls for further details.

party on dudes

In a Brilliant FLASH

Well, it is nearing end-of-term (a.k.a. EOT a.k.a. ~D) and the location and time of the traditional CSC control D dinner is as yet undetermined. (and probably undecidable, or at least NP-hard) If you have a suggestion on where we should go, please leave it on the chalk board in the CSC office. (Where to go does not include the proverbial location 'hell', so please refrain from suggesting it or we shall beat you with a small and wet rubber duck)

Last week, the CSC hosted an "exotic languages" talk by Gord Cormack of our alma mater. The topic was ForceTwo, a new language that Prof. Cormack is helping to design. The principle motivations behind its design are providing extended type features and operator overloading to make routines more reusable. It is a functional language that allows the programmer to specify basic algorithms independent of type, allowing modules to be reused in new programs with very little change. For example, the programmer might write a 'square' function that multiplies a type by itself. By specifying a new type and an appropriate multiplication function for that type, the square function becomes valid with no changes whatsoever! Prof. Cormack gave some comparisons to object oriented systems, and gave reasons why ForceTwo is better. ForceTwo is an altogether different approach to programming languages that may rival object oriented languages such as Eiffel in power. All-in-all, the meeting was successful and very interesting.

There are only two weeks left in the term, but the CSC is still planning another meeting! Such unbridled enthusiasm is seldom seen, but here in the CSC, we did not realize that. The meeting will be on a (hopefully controversial) discussion topic to be announced shortly. If you want to get your say in, come out and hear the opinions of your peers.

As a side note a new jargon word has appeared in many software packages released this year: SPAM. It refers to the apparent use of memory or other resources. The more the program hogs a resource, the higher the SPAM content. We recommend you use this dangerous term with caution when describing your or other people's software. (eg: "Caution! High SPAM content!")

Calum

To the Editor

Dear mathNEWS,

I am severely disturbed that there was no proof by a Descartes fellow in your last edition.

I really enjoy these proofs. Please try to rectify this terrible situation in your next edition.

A 1B Keener

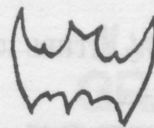
As you may have noticed by the current issue, proofs are not one our top priorities here at mathNEWS. This is not to say that I don't enjoy a good proof as much as the next guy, but we haven't received any really interesting ones lately. Everyone keeps sending the same old proofs demonstrating that $1 = 0$ or slight variations on these.

While an inconsistency within arithmetic would be most interesting, most of the proofs submitted to mathNEWS have flaws in them. There are, however, many completely different areas that have yet to be explored by mathNEWS proof submitters. A few suggestions for proofs that I would find interesting would be: i) all linear algebra profs are isomorphic to the trivial linear algebra prof, ii) 2 is irrational, iii) a is irrational implies that a teaches at U of W, iv) converse of (iii) ...

Anyways, you get the idea. My current editorial policy is to not print any of the standard proofs that we have all seen before. I do not wish to offend anyone with this policy. However, unless I receive a lot of feedback to the contrary, I intend to stick by this policy.

Thanks for your letter.

The Ed



mastHEAD



Good Morning! For the less observant out there, this week's theme is 'batman'. Dave the GridMaster even brought out a bat to mark the occasion (and anyone who got in his way).

There's just one more issue coming out this summer, and with your help, we can make it a really really good one. Submit lots and lots of prof quotes and articles so we can end the summer with a bang.

Anyways, thanks to all who showed up to help. Their names and the reasons they were here are: Stephen, Paul Sahota, Koorosh Shahrokh, Andrew Tron, Dave Balkwill, Karen Wasselen, Doug Hopkins, Tom Sturrock, Eric Kinoshita, and David Weil; They made me, Why not, Sahota said I could write something on clams, gridmastership is a heavy responsibility, to triangulate the fundamental interconnectedness of all things, to pose for tomorrow's SunShine girl photo, don't know, do your worst I'll never talk, Stephen helped me move the broken fridge-pay back time, because I didn't know they'd order pineapples and hot peppers on the pizza.

Thanks also go to Marion and the Graphics services people, and DCS and the I/O room people.

I decided to put an end to the silly tradition of thanking the people who supply our pizza since we pay them money for it for gosh sakes.

Hope you all got the jobs you wanted. Have gnarly summer dudes!

S. Andrew Smith



This is a short introduction. Submit your quotes in the BLACK BOX or in *mathNEWS* MC3041.

"I don't know why people are laughing, is my fly open or something?"

M.A. McKiernan, AM 381

"Spread yourselves evenly, lots of space in between. I would like, for once, to have a computer marked exam which is something more than a test of your peripheral vision.

K.A. Woolner, PHYS 122

"I know all your names; I know all your faces; I just don't know the bijection in between."

P. Hoffman, MATH 144B

"My, isn't this lovely data. Everyone should have data like this."

C. Cutler, STAT 231

"If you look at this data, you'll see that it really didn't behave itself."

W. Cherry, MTHEL 102

"This is not sexist. It's just that it is usually the women that get pregnant."

R.D. Seim, PSYCH 213

"you can't imagine how difficult it is to get the correct number of peas in a can of chunky soup."

W. Cherry, MTHEL 102

"No, that is false, untrue, dangerous and possibly fatal."

B. Ferguson, MATH 130B

"Since we are logicians anyway, facts are not important."

J. Novak, PHIL 145

"Then someone comes up to you and says, 'use the Cauchy-Schwarz inequality, Luke.'"

C. Cobourn, MATH 134B

"I'm a beer can collector. So, if any of you are down in Timbuktu, I'd appreciate your bringing me back one empty. I wouldn't mind your bringing one full either."

I. McGee, MATH 130B

"When mathematicians don't know how to simplify something, they just give it a name."

G. Gonnet, CS 340

"Phase 1: After damage to the ventromedial hypothalamus, the animal overeats until it is grossly obese.
Phase 2: The animal explodes... No, just kidding. Just seeing if you were awake."

Crowne, PSYCH 261

"You'll always get a mark if you give me a picture, whether the picture is relevant or not."

K.A. Woolner, PHYS 122

Prof Quotes

*Freshly baked profs to get you through the morning.
Now available in paperback.*



"... and anyone can do that, even the authors of the textbook."

G. Gonnet, CS 340

"It's obvious, but you have to think about it."

Murty C&O 342

"How many people believe this? Just one? Oh, we have a convert, 2 converts, 3 converts... geez, this is just like Jonestown all over again."

Oldford, STAT 331

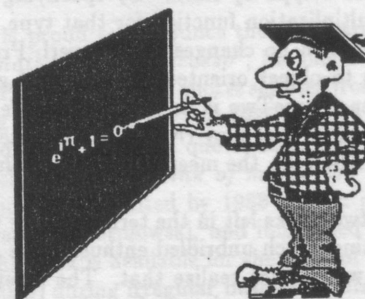
"We will form this node from this pair, this pair and this pair. But we won't despair."

G. Gonnet, CS 340

Your Friday morning friend presents,

**"Just think of me as
the mathematical
Picasso"**

The Best of *mathNEWS Prof Quotes*



Contains a selection of almost 300 quotes from *mathNEWS* Fall 1985 through Summer 1988.

WHEN Starting Wednesday, July 12th 1989.

WHERE? MathSoc, MC3038.

COST a mere \$4.00 Cdn.

Schrödinger's Cat: It's Alive and Dead! It's Undead!

Two years ago Scientists placed a ten year old alley cat into a black box and last week they finally opened it. To their surprise they found that even when the box was opened the cat was still both alive and dead just as theory postulates. The cat, subsequently named Vlad, was found to have contracted a particularly virulent strain of *Vampirism*. The cat attacked and infected three scientists before it was captured.

In an attempt to eliminate the virus, the scientists were later given complete blood transfusions, from which they contracted AIDS. The cat was later destroyed by accidental exposure to sunlight. Compounding the tragedy, a reporter was strangled to death by scientists after making some comment about curiosity and cats.

The Grey Pilgrim

The 10 Most Pondered Questions

10. What does C+O 230 really stand for?
9. Do single people have dirty backs?
8. How many questions have the answer 42?
7. How *do* they get that caramel into that damn chocolate bar?
6. How do you spell Roloids?
5. Your place or mine?
4. Why do they call them "McDonald's Restaurants" when restaurants only serve food?
3. Why do 7-11s have locks on the doors when they're open 24 hours a day?
2. What do computer geeks do when the power goes out?
1. If God wants Oral Roberts, why doesn't he just take him?

ERNIE et al.

Life Chemicals Inc.

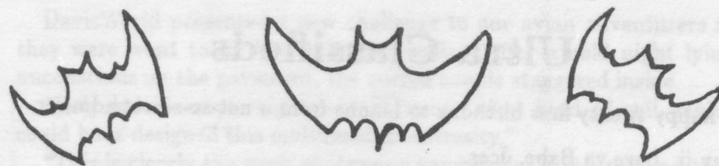
Those assignments getting you down? Can't understand your prof? Can understand your prof!? We have pills to solve these problems and more.

Need more time to study? We can wake you up. Need more sleep? We can put you out in a wink.

Join the wave of the future. Live the chemical way. New breakthroughs in chemistry allow us to actually increase brain power through a program of drug use. The most successful Olympic athletes use these, why not you?

Better Living Through Chemistry

Timothy Leary II



Watman and Duck Sued!

K-W's favourite caped crusaders were arrested yesterday pending a hearing for copyright infringement. DC Comics has launched a suit against Watman claiming that he has copied their famous "Batman" character. DC Editor-in-chief and President Kubla Khan say, "If some two-bit Canuk Vigilantes think that they can steal our ideas then they have another thing coming."

Watman would not comment but his estimable side-kick, the fowl-wonder, Duck was heard saying, "Holy Crooked Comics!" as he slapped his fist into his hand, "What has today's society come to if a kind and generous man can be sued for being the best darn person in the whole world!"

K-W's police commissioner was quoted as saying, "This is a dark day for Kitchener and Waterloo and a blow to crime fighters everywhere."

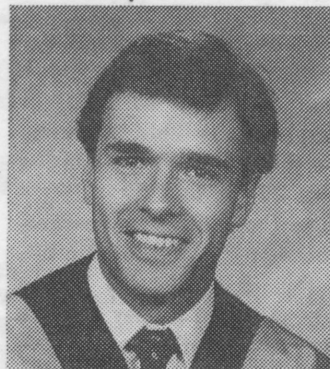
The Grey Pilgrim

Linear Operator of the Week

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Ultra Classifieds

A happy twenty first birthday to Lianne from a not-so-secret admirer.

Hey jj. Love ya Babe. Icer.

Wanted: Brick empties for bottling home brew (non-twist off only). Leave a note for Steve under the door of MC3041.

We should suck all we can out of men, and then have them shot twice. (PMCRDSVC)

Lost: One MiG-23 fighter jet. Appearance: Olive green, with red star on tail. Last seen over Poland, heading westward. If anybody has knowledge of its whereabouts, please call 1-800-JET-LOST, or send e-mail to gorby@kremlin.gov. A reward of 10 million roubles will be paid for its return, in any condition.

Wanted: One masseuse for proper training of Die-Nasty soccer team.

Lost: 5,000 arts and engineering students. Wherever you are, please stay lost!

Caped crusader and faithful companion seek gainful employment. Need money fast. Especially willing to work in countries lacking extradition treaties.

For Rent: One bedroom apartment in downtown Toronto. Unfurnished, unpainted, unlit. Small multi-legged nocturnal pets provided free. Late night entertainment supplied by neighbors. Conveniently located at end of Leslie Street Spit. Now only \$1500/mo. (Students must provide references)

Hi Karen! See ya in tomorrow's Sun!!

Do you need political pull to get your favourite bill passed? Or project funded? Do you have lots of money? If so, meet me behind the Tim Horton's at 4:00am Sunday. Wear a grey overcoat. Ask for P. Starr.

Column of the Week

Before we plunge into more questions, we would like to take this opportunity to clear up a popular misconception. All your life, you have been told you could only count up to ten on your fingers. This, however, is not so. Using your fingers as bits in a computer, it is possible to represent the numbers from 0 to $2^{10} - 1$ (or 1K different digits!). If you become proficient at this you can then learn to represent negative numbers using 2's complement. This, however, decreases the range of positive numbers which can be represented, and gives a range from $-(2^9)$ to $2^9 - 1$.

As an alternate method, sign and magnitude representation can be used, with your tongue representing the sign bit. It should be noted that doing this in public will fail to impress people, and others may be offended if they see you working with the number 132. It is also possible to use double precision in your calculations, by including your toes. This is a little tricky, but can be mastered with practice.

Now, back to our regular (?) features. (and now for something completely different?—ed.)



i AM in pain

Health services needs to form a new department, Mental Health services. This department would principally be of service to AM students, since there is no logical reason to subject oneself to the typical AM course load. INSANITY is the only reasonable explanation!

It is fortunate that there is at least one AM major lucid enough to notice and solve this problem. After the AM students are cured, they will be unbeatable. We will demand the surrender of all artsie forms of life, we will tear down Needless Hell, we will execute the board of governors, I will rule the university. My first action as Supreme Leader will be to have the ridgid tool melted down into pink paperweights, all engineers must pay homage to... Hey! Wait!! No!!! I'm all right!!!! Really!!!! Leave me alone!! Where are you taking me?...

the man without a pseudonym

Can Ducks Swim???

Can ducks swim? Or do they just float? Like I mean, if we did some gene splicing to create a duck without legs and feet and we threw it in the water, would it float? Sink like a rock? Well obviously we can't try the gene splicing experiment, so I propose to following test cases:

1. Take a duck, and cut off its legs. If it stays above the water then ducks float instead of swimming.
2. Take duck #2 and cut off his feet. This would show if the duck's legs are used as balancing devices.
3. Control duck—just let him swim (float?) around with his buddies from above.

Now duck #2 presents an interesting scenario: what if he still floats well with no feet? If such a case arises, perform the following:

Take the same duck #2 and tie a five pound rock around his head, thereby raising his center of mass. Will he stay right-side up? Will he spin around like a kayak?

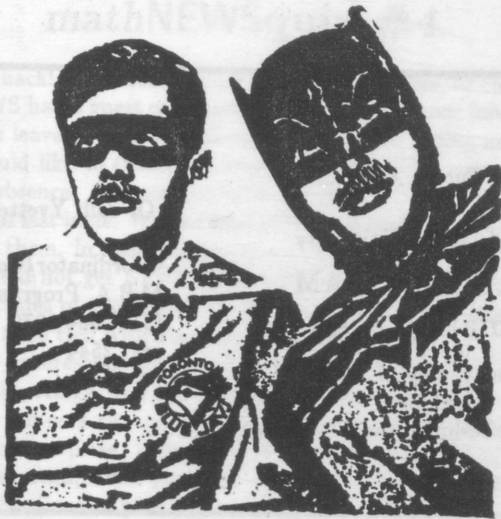
With these simple experiments, you too can see if ducks swim or float. But what about REC students???

The Great Gizmo

Limerick of the Week

Bullwinkle our trusty P.M.
Said the deficit he would stem.
It grows every day,
And more we must pay.
Better luck next year B.M.

The Rubber Mallet of God
and The Pitchfork from Hell



The Continuous Adventures of WATMAN

Holy schlock Watman! Not more of this tripe!

When we last left our homely heroes, they were . . . dead. Although this is clearly a desirable state to leave them in, there have been recent reports in the tabloids that Watman and Duck have been sighted alive and well and living in Kalamazoo (if you can call that well). We find the Campy Crusader and his faithful sidekick Duck working as backup singers in Elvis' band . . .

"Holy noxious nostalgia Watman! How did this ever happen to us?"

"Quite easily Duck. Anything can happen in today's tabloids. Did you see last week's Narcissist Inquisitor? They described a new wonder diet that converts the fat in your body into useful products that you can sell from the comfort of your own home. You're beginning to look a little chunky yourself. Perhaps you should consider . . ."

"But shouldn't we return to Watham City to protect the unwary students from the dark forces of evil and badness?"

"Right you are, Duck. To the Watmobile."

The Watmobile hadn't been used for a while, so our discontinuous duo were forced to take the train. Unfortunately the evil empire had conspired to deter the desperate duo via cutting spending on trains in the greater Watham region. Our powerless protagonists purchased plane tickets, but due to poor planning on the part of a panoply of planners, air traffic was backed up well into the next century. Learning that there was a bus strike as well, the terrific twosome were forced to courier themselves through inter-university mail. After a two day trip, and a two week wait in the sorting room of Watham U, the depleted duo were deposited outside DavisWorld, Watham U's latest contribution to Fisher-Price architecture.

"Holy sickly shopping malls Watman, good thing we brought our anti-glare bat-Glasses."

"Careful Duck! Those are WATGLASSES! We don't want to get sued. They've killed us for less."

"Gosh golly gee Watman! Thanks for reminding me."

"That's Ok Duck. Let's go get some nourishment. We haven't had breakfast in two weeks, and as you know, breakfast is the most important meal of the day."

DavisWorld presented a new challenge to our avian adventurers as they were wont to fly into the glass walls. After a cold night lying unconscious on the pavement, the cursed couple staggered inside.

"Holy kaleidoscopic nightmare Watman, what kind of evil genius could have designed this multihued monstrosity."

"This is clearly the work of common vandals duck. It's too bad that students don't realize that they are the ones who will have to pay for this mess through increased tuition fees."

Of course students were already paying for that mess through increased tuition fees, but that is another story altogether. (It's no coincidence that DayGlo Paints inc. sells 'yummy yellow', 'terrific tangerine', and 'gangrenous green' for \$14 a can.)

After a tasty nutritious wholesome bowl of grease at the neon 'food fair', Duck's extremely sharp eyesight enabled him to discern a figure lurking beside one of the pink pillars that served to support the infrastructure of the architectural concept of the room. The figure fit right in with his surroundings.

"Psst. Watman. There's a nefarious nogood lurking by that post there."

"Right you are Duck. I saw him the moment we walked in, and sat here to observe his actions."

"But he's behind you Watman."

"Shut up Duck."

It was too late. The conniving character had overheard every word uttered by the deafening duo. The eminently evil Art C. approached our hapless heroes.

"Enough already! I won't risk the success of my evil plot by letting a couple of meddling super-morons meander through DavisWorld."

"And just what is your plan, you vile villain?" exclaimed Duck.

"With my faithful army of fanatic English grad students, we have managed to introduce the '\$14 WORK REPORT MARKING FEE'. I then skim the profits from this fallacious fee through my DayGlo Paints inc. holding company. The really pleasurable part of my penetrating plan is that I can impose my spectacular style of impractical prose on millions of mild mannered mathies."

"Holy wasted work reports Watman! We've got to stop him!"

Unflustered, Watman challenged, "How do you propose to get away with your wicked ways you murderous marker? What inhuman inventions, what terrible tricks, what pitiless plots do you intend to use to stop us from suspending your scheme, eh?"

"I have something that none of your feckless foes have ever had. The only reason that you have defeated the most dangerous psychotic criminals known to Watkind is that none of them had . . . CONNECTIONS!"

Just then two of Watham U's Boys in Blue entered the room. Art C. pointed to the liable league and said, "Those are the two I told you about. Take them away!"

The man from security said, "Sure as my name's Uncle, you boys have over \$3,000 in unpaid parking tickets from your crimefighting days at Watham U. I have the power to jail you until you've paid up."

"But we're broke after that D.C. comics suit," cried Duck.

Unfortunately for the dismal duo, their dire distress did not deter the man from security.

Will Watman and Duck survive at the hands of their jailors?

Will the meal they ate at DavisWorld get to them first?

Will Watman and Duck avoid being killed before the end of this article?

Does anyone really care?

Will we ever see another Watman again?

The answer to the last question ladies and gentleman is that it is very unlikely we will ever see Watman and Duck again. Dealing with the wrath of Watham U's meter maids is risking a fate worse than death.

alliteration and obliteration inc.

Clams 'n' Cucumbers

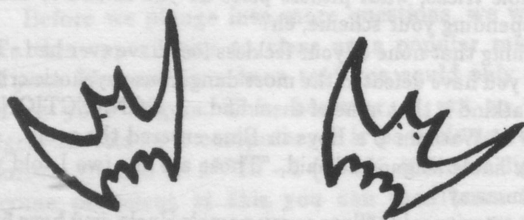
Beefs! Anyone say beefs? Yeah, I got some beefs...and porks and chickens and even some fish. Speaking of fish, I wanted to base my discussion on seafood. What I really feel beefy about is clams . . . or lack of them at the University of Waterloo! Where have all of these mucoid muscles receded to and why? The other day I felt the unrelenting urge to eat a quagmire of mollusks but there were none to be found as opposed to . . .let's say . . .cucumbers! Why would anyone want to eat cucumbers? You know, it would be really nice for a change if the University decided to cut spending on the engineers and splurged a few bucks on obtaining clams for the seafood lovers on campus. I hear that the high school down the road has an abundant supply of seafood. Hey, I got a great idea! Since we have such vast quantities of cucumbers and Laurier has an ample supply of seafood, why don't we have a system of trade with our supremely inferior neighbours. We could call it "The Waterloo/Wilfred 'high school' Laurier Free Trade Deal". We would give them five of our (engineering) cucumbers for every one of their clams. This way, the university would not have to spend so much wasted money on maintaining the overpopulation caused by the (engineering) cucumbers. They could use all of the money they saved to buy air conditioners for the rooms in Village one or hire a repairman to fix the dishwasher in the cafeteria so that whenever I feel like eating some clams, I can do so like a civilized man, on a porcelain platter.

Krash

Apathy Integrated

$$c \int_0^W \left(\frac{1}{c} H_0 - \frac{ar}{W} e^{s!} \right) dx = WH_0 - care^{s!}$$

ALF



Injury of the Week

Punctured retina.

Limerick of Next Week

There was an editor of news,
The articles he didn't peruse.
He offended admin,
And now, for this sin,
Writes Imp'tint record reviews.

The Rubber Mallet of God,
The Pitchfork from Hell,
and The Lascivious Limerick Llama from Limbo

Your Future Awaits...

Wilfrid Laurier University
M.B.A. PROGRAM
Information Session

Monday, July 17, 1989
4:30 p.m.

MC5158 Refreshments will be served

Or call: Yvette Livingston

Coordinator/Counsellor
M.B.A. Program, WLU,
(519) 884-1970
ext. 2544

Artsie Resumes

It's that time again for people to be busy WYSIWYing or L^AT_EXing their résumés. One of my unit-mates is in the Faculty of Arts [sic], and she asked me to "critique" hers for her. This is what it said:

My name is:

- Kim Botticelli
- Kim Bassinger
- Arthur Dent
- all of the above

My student ID number is:

- 8841211
- π
- a number
- none of your damn business

My special skills are:

- can talk good English (on Wednesdays)
- non-existent
- important
- manifested only in bed

My work experience was:

- with Slager's Slaughterhouse and Sewage Treatment Services
- proven to be a plausible proof of the existence of an inferiority complex under the Folgers & Maxwell [1988] theory of inadequacy in modern life settings
- wholly unsatisfactory in a spiritual sense, amplifying the pathos of a world without a metaphorical likeness to a God-like being
- with my boy friend (see special skills)
- all of the above

Interests:

- The Dead Screaming Blue Milkmen of Mars (pop group I heard about in Imp'tint)
- Shark fishing in the lagoons of Tahiti
- Reading Tolstoy's *War and Peace* for fun
- The blond hunk sitting to my right in this terminal room

I told her it got an F, but not to worry, because the bell curve would save her.

Deepthot

mathNEWSquiz #4

So...I'm back! For those of you who don't remember, or couldn't tell, mathNEWS had a guest quizmaster last week, as I, your faithful friend was on sick leave. You'll be glad to know that I'm feeling much better now. I would like to thank the boys in mathNEWS who subbed for me in my absence. And now, on with the show ...

Results of last issue: We had four (4) submissions that had any right answers on them. In order to save space, and to save the humiliation of those who did not get EVEN ONE ANSWER, this week we will only print the names of those who did get some right. They were: Robyn L Noalids, 6/16 tied with Paul Skcratch + Brian Laube = Guido Inc.; Pcecil (??? interesting handwriting there Pcecil!) with 2/16 correct; and The Pup, Abiga, and the Hammerette with 1/16

The two winners can come to the MathSoc office anytime to pick up their fabulous prize. I suggest that you bring a briefcase that locks to keep it in. And, while you're at it, maybe bring some handcuffs to attach the briefcase to your wrist. OK, maybe not.

Yo, ANDERSON ANNIHILATION, missed you this week. Are you OK?

Answers to last issues quiz are:

1. Steve Nicol
2. Larry Parrish, 14
3. Mike Bossy (NYI), 85
4. 112 mile bike ride, 2.4 mile swim, 26 mile run
5. John Whiting
6. Michael Nesmith
7. Basil Rathbone
8. T'Bonga
9. Lucy in the Sky With Diamonds
10. Phil Collins
11. John Rutsey
12. The Magnificent Moodies
13. Ike and Reagan
14. He flew an avenger torpedo plane for the Navy
15. Squeaky Fromm
16. Gary Hartpence

And for this weeks quiz:

FLAGS

1. Three horizontal stripes; from top to bottom: green, white, blue. What is the country?

2. Solid green with a red torch in a yellow circle in the middle. Name the country.
3. Which country has as its flag three vertical stripes, from left to right, red, white, and green?
4. If you took the Maple Leaf away from the Canadian flag, it would very nearly resemble which country's flag?

AUTHORS

1. His books include The Shining. Who is he?
2. He has written about Ice and Lightning. What is his REAL name?
3. Her books include The Secret Seven series and the Five Findouters series. Who is she?
4. Who wrote The Fame Game?

MUSIC

1. Both Mick Jagger and Queen got together with this artist to record top ten hits. Who is the artist?
2. He was almost a Beatle. What was his name?
3. Their recordings include If and Mother Freedom. Who are they?
4. Who is the most asked-about artist in this column. That's because he's my favorite. Who is he?

TRENDS

1. When did the hula-hoop sweep through North America?
2. What are Hipsters?
3. What common (well, fairly common) household-type item was used instead of hair rollers to achieve a curly look in the days of the hippies?
4. It was an "awesome" year when this song was released. What was the year?

Shooter
The mathNEWS quizmaster
(That's me!)

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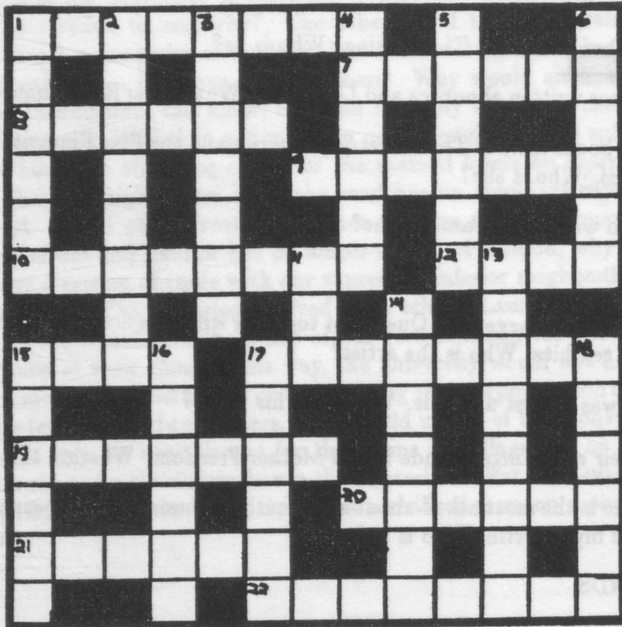


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P	C	I	E	M	B	R	A	C	E		
I	H	N	U	N	I						
C	A	B	L	E	T	I	T	R	A	T	E
A	O								C	L	
L	E	X	I	C	O	N	M	E	T	R	E
			H	E	M	U	I	V			
R	E	P	L	A	C	E	F	V	A		
A	A	I	D	E	F	I	A	N	T		
R	E	V	E	N	U	E	I	T	E		
E	E	S	D	O	N	K	E	Y	S		

Grid Word



Cryptic

Across

1. Negligent about the direction inside, without wheels (8)
7. One friend, one castle (6)
8. To strain are in a broad (6)
9. No stare for Arnold's offense (7)
10. Via state troubled after backward Communist (8)
12. Actor reads tarot cards (4)
15. Cult in a southeastern state (4)
17. Has-beens talk about the periodic scans (8)
19. Shortened hop to a colourful disease (7)
20. Overtook direction in frog's place (6)
21. Uncharged thought (6)
22. Let back east the sort of wire (8)

Down

1. Spineless calf confused to a degree (or 57) (6)
2. Oratory is rich rote (8)
3. Concise is sort of conical (7)
4. Saved and boxed without repetition (6)
5. Absolves the hundred Kings (6)
6. Muskokee n'er do well is a dweeb (6)
11. Here we se ram's mate (3)
13. It's a shame! The garment's in the platter (8)
14. Personal celeb mixed up with cost (7)
15. Continental border is a medical drip (6)
16. Vegetable gives a suggestion about a vase (6)
17. Again delivered to take offense (6)
18. Our beer in a bargain on horseback (6)

Dirk Gently's Holistic GridWord Agency

Well, it's another week, with still more Friday morning classes. But don't despair - *mathNEWS* is back with another installment of GridWord. Last week's was a little high in attendance, with 20 submissions, 17 of which were correct. This week's grid may be a bit trickier, though. This week's winner is BP; you may pick up your Award For Extreme Cleverness at the MathSoc office. Hope to hear from the bunch of you, and others, in the future as well. Again, special thanks go out to the Grad Club and the brewers of Double D. On with the submitters.

Correct answers were given by: BP; dB; Crablegs; Jammer; The Mock Chicken Loafs; Mark Earnshaw; MIKE; Sparky's Gang; Thinkdude; Elli V. Viess; TINY; Robyn L. Noalids; Paul Skratz; Pencil; Paul McKone; Red Dog; and The Pup, Abiga, and the Hammerette. Incorrect solutions came from BWN, LMH, SLG, JME; the Math 134B pop can drill team; and The men who can't play tetris but seem to have a natural ability for doing these gridword things.

Favourite SkyDome activities were: Jello wrestling; Watching babes; Birdwatchin'; Watching the falcon catch seagulls; Looking for Elvis in McDonald's; Trapping seagulls; respiration; Thinking up names better than Skydome; "Skydeck to SkyDome" - precision artsie drop; Bleacher barfing, shooting holes in the roof with my trusty magnum; Climbing foul poles, checking out Doug Wright's plumbing; Watching rich people pay for hot dogs; Line-ups and lots of them; Inciting yuppie stampedes through sniping; concerts; watching the Jumbotron; and Playing tag in the rafters.

Comments: You know the blonde one, she really turns me on; Two For Two; Quack; Dave! Is that really you?; Make the comment sections bigger! [PS - OK!]; 9 out of 10 mathies recommend GridWords over Star Trek; It wasn't, was it?; pant, pant, pant; Was thi tough or was it me?; Advertising on the GridWord page? [PS - Isn't it disgusting?! But, hey I just write 'em, I don't do the layout]; Milli Vanilli???; Where did Caspar get that hickey?; I got the last one!; 2/10; The edge is back; Isn't it an amazing coincidence that Friday, Saturday, and Sunday all appear together in the week, letting us have full weekends? [PS - can I get some of that acid, man?]; How come they call the platform between flights of stairs a landing??? [PS - because that's where the artsies usually land when you kick them down the stairs!]; Wow, what a great homework avoidance tool! One other comment was submitted, which read "The clues were at best sexist and at other time [sic] just plain bad, Perhaps you guys need to start doing real Cryptic crossword puzzles!" Gee, for such verbose people it's a pity you didn't even get the answers right!! In addition, please review grade school grammar. Your paranoia should not be inflicted upon others. It really pisses me off when pseudo-entities like yourself criticise *mathNEWS* staff when you are not right, you have no basis in fact, and you don't even volunteer to help out with the publication of this issue. In short, get a life.

PSYDA

Name:

Holy Favourite, Batman!

Comments: