DAILY BULL

Monday, November 14, 2011

The Daily Bull is probably not suitable for those under age 18 and should not be taken seriously... like not having enough articles!

Monday Meme-itude!

Tech defeated NMU in football this weekend, but our whole team now has STDs from the field.

How to Write Various Mathematical Proofs, or, "Welcome to Proofs R Us, How Can I Help You?"

By Liz Fujita ~ Daily Bull

It has come to my attention that engineers (and non-mathematicians in general) really don't know how math works. "I, like, totally **hated** proofs in high school math," they cry in dismay, "so there's no way I'm going to do them now." Well, of course you hated proofs in high school – they were two-columned, ill-structured attempts to make you think about putting a compass through your eye!

You hate proofs, bah! That's like saying, "I totally used to think girls have cooties, so now I'm never going to speak to one." If my experience people-watching at the bar is any indication, you definitely got over the cootie thing. It's time to put on your big kid pants, engineers. Let's give you something of a mathematical cootie-shot. Here is a simple list of ways to remembering the "Big 3" math proof methods.

Mathematical Induction: "Show that this always happens."

Base case: let's test this out for x = 1, since that's easy.
Did it work? Neat!

...see QED = Quail Eagle Dove? on back

The Story of Thanksgiving, Ya Dig?

by Kay McMahon ~ Daily Bull

Your entire life you were led to believe that the first Thanksgiving story involved: the pilgrims and the Indians celebrating the success of their harvests with a huge feast and trimmings on the rock that they call Plymouth and all that shit.

Today I am here to tell you what actually happened. One day our 16th president, Abraham Lincoln, was loafing around in his log cabin when he sheepishly looked at his wife and declared "Go in the kitchen and make me a sandwich….Bi!$@." In shock of honest Abe's, for lack-of-better-words, honesty… she left him cold and alone. It was then that he cracked an Old Milwaukee, loaded a rifle and headed off into the woods where he met the-one-and-only Indian bro, Squanto. Somewhat tipsy, Abe and Squanto hit it off like PB&J, exchanging the latest football games and weather reports.

As Abe remember the loss of his wife he became saddened and looked to the ground. "Why do you frown, tall man?" said Squanto. Abe tells Squanto about marriage and divorce, love and loss. "You see, marriage is betting someone half your shit that you'll love them forever" and before he could finish – BOOM. Abe shot a huge flappin', gobblin' bird. Squanto had never heard a noise like the noise from that barrel and became curious of the tall man's way of life, and offered to cook the bird with Honest Abe.

Upon cooking the bird Squanto and Abe finished off the thirty bomb of Old Mud and drunk-drove the Mayflower into the pilgrims village. Abe and Squanto were thankful to be alive, and the pilgrims were thankful for some comic relief during family dinner on Thanksgiving Day!

Have a wonderful Thanksgiving, Yay pieeeeeees! All of the food!! And beeeeeers!

Squanto's and Abe's friendship ended, however, when Lincoln suggeted that the Indians incorporate dubstep into their traditional drumming songs.

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Radical Democrats Insist Herman Cain is the new Hitler

By Kara Bakowski ~ Daily Bull

During analysis of the current presidential candidates, political analysts are making stark connections between presidential hopeful Herman Cain and Adolf Hitler.

"It's unbelievable. Both of them have moustaches easily imitated by animals," one analyst said. "Cainstache may be the new Hitlerstache."

Cain and Hitler also strongly oppose homosexuality. While Cain may not require pink triangles, it's only a matter of time before thousands of LGBT soldiers find themselves out of a job and in an Occupy Wall Street riot.

There are rumors floating around that the German language is related to Cain's 9-9-9 plan. He has recently been accused of sexually harassing multiple women during his time at the National Restaurant Association.

A lawyer says that one of these encounters may have been served as a spark of inspiration for Cain's famous plan, as one of the accusers was a recent German immigrant at the time of the alleged encounter and vividly recalls screaming "NEIN NEIN NEIN" while trying to escape Cain's presence.

While there are many people that believe that Cain and Pain… er, Hitler, are similar, there is a strong argument against that theory. "One has the ability to run a country smoothly, and the other is Herman Cain," a representative for the Democratic Party said. "You may not like Hitler, but you can't deny that the man's got style."

Another democrat insists that Cain is too contradictory. "At least Hitler was a member of an honest, clearly-defined party. Cain insists that he is a republican, yet his views identify with the Tea Party. However, as both parties are lying, cheating scumbags, they may be more similar to the Nazis than we had originally thought."

Despite the differences in opinions on Hitler's relation to Cain, one thing is for sure: the image of a cat with Herman Cain's face is now burned into your brain.

Running against Herman Cain is the Internet Party representative Hitlercat. Hitlercat has vowed that, if elected, he will steadfastly campaign in Congress to pass his famous Nyan-Nyan-Nyan plan, which guarantees scratchingposts, Friskies treats, and clean litterboxes to cats of all social statuses.

DAILY BULL

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...from QED = Quails Eagles Doves? on front

Let's try it with another, slightly bigger number.
It happened again!
Thus, because it happened twice, we can safely assume that it happens every time.
QED

Proof by Contradiction: "Prove you are smart."

Pretend we are stupid.

Then, by a theorem, we see that our argument is still holding.
Using another theorem, we continue fooling ourselves because it still makes sense.

But lo! We forgot! We assumed that we were stupid at the beginning. However, we are not stupid, because we are mathematicians.

Therefore, there is a contradiction to the assumption that we are stupid. So we must not be stupid.
QED

Direct Proof: "Is that so?"

Suppose an axiom.
By using a theorem, we find that algebra still works because we are still on earth.
Using a corollary, we move on to an obvious result.
Because of this obvious result, we can conclude that the proof is now over, and it is so.
QED

QED, by the way, stands for quod erat demonstrandum ("which was to be demonstrated"), so when you end a proof that way what you're telling the reader is, "I said I was going to prove this, so I proved it, are you happy now?!" You can also feel free to end your proofs with something other than QED. I spent one class ending every proof with a drawing of Pacman and the phrase "wakka wakka." I spent another class learning the vast importance of ATCGW (and the crowd goes wild!). You could end the proof with a picture of a flying velociraptor dropping bombs from its butt screaming "VIVA LA MATHEMATICA" and no one would care. As long as you're consistent, that's all that matters.

So there you have it – a simple guide to proof-writing for non-mathematicians. I've proven to you it wasn't so bad.

QED. OMG. Fiddle-dee-dee. 1-2-3. Bird and bee. Robert E. Lee. Samples are free. I've gotta pee. Vitamin C. Cute as can be…