



The 109 Times

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Inside This Issue...

Kumaran Discovers
Sith Degree Monomi-
al..... 2

Growhowski Disputes
Nair's Height 2

Sun Keeps Pace with
Ho 3

Ludwikowski Needs
Better Glasses 4

Skill Drills 3

Ask Arvid 4

Thank you...

3rd Q Flagbearers:

1st: Priya Shah

3rd: Samir Chowdhury

4th: William Herbert

5th: Alex Talamonti

6th: Kyra Bolden

LT: Maya Nair

DM: Owen Rollins

Ambassador: Sahana

Ramesh

Mr. Williams Leaving Longfellow

By Dawn Ambrose Heatwole

We all knew this day would come. Now we know when. Long-time ally of the Kingdom of 109, Mr. Williams, de facto leader of 210 will be leaving Longfellow.

Mr. Williams is not being forced out by the Powers-That-Be although it is no secret that Mr. Williams, like

Mr. Huang, often disagrees with PTB policy and openly mocks them on occasion. Mr. Williams' leaving is an active choice on his part. He will set up camp in the new lands of Bay Sys. "I actually want to go there," said one 210 citizen. "I heard it's more logical over there."

Although 210's governmental structure is very loose (some would say non-existent), Mr. Williams is beloved by his citizens. "We don't need no stinking constitution, flag or anthem! We have Vern!" is a common refrain from 210 citizens, traditionally more rowdy than 109ers.

(Continued on page 2)

Moore Breaks Math ... for a Day

By Carson Andrews

For almost a whole day, the math world (and Mr. Huang) was stunned by a mathematically discovery that ironically broke math. The culprit was Conner Moore of 6th period.

While looking for the sum of the infinite series $1 + -1 + 1 + -1 \dots$ Moore found that the series had two sums of distinct value, 1 and -1 . By transitive property, he concluded that $1 = -1$.

Not being able to disprove his proof, Mr. Huang declared the equation true until someone found

a mistake with the baffling proof. He consulted Mr. Williams, Ms. Godwin and Ms. Freeman to no avail.

"They did offer explanations," said Mr. Huang. "However, they were not strong arguments."

Meanwhile, Mr. Huang had to accept the equation when grading Friday's Skill Drills for 6th period. Extrapolating the Moore Equation led to all reals equaling all reals, so everyone got a 5 out of 5. A similar event happened two days earlier in 4th period when they also temporarily

(Continued on page 3)

Kumaran Discovers Sith Degree Monomial

By Bernadette Peters

Mathematicians for years have wondered if there are polynomials that do not follow the tradition of the 1st, 2nd, 3rd and 4th degree ones. Well, they don't have to wonder anymore.

On March 9, during Test #7, Rohini Kumaran discovered the Sith Degree Polynomial, a polynomial that is actually degree 6 but resembles a Sith.

Wielding a double light saber and possessing the martial arts skills of *ten* Bruce Lees, this polynomial can knock you out with a flick of the wrist or disconnect your stomach from your intestines just by pointing in your direction. It is the ultimate polynomial that no one would want to meet in a dark alley. Chuck Norris tried to factor the Sith Polynomial, and he gave up!

"I found it without even trying," said Kumaran. "I had just identified the sixth degree polynomial. Then I lost a bit of concentration, and then I saw it on my paper."

Now the question is if there exist any polynomials out there that are even greater than the Sith Degree one, and if so, will Norris also be unable to factor that one?

(Continued from page 1)

That rowdiness is what spawned RASP, the terrorist organization that threatened Mr. Huang's life and the safety of all 109ers during the 2014-15 year.

"A free society like 210 has its benefits, but there are also dangers such as a group like RASP," said Mr. Huang.

Still, Mr. Williams and Mr. Huang have remained close allies since the inception of 109, even without a formal treaty.

"109 and 210 don't need a paper treaty," said one citizen.

"That is because the treaty between the two nations is actually written on our hearts."

Mr. Huang has a long history with Mr. Williams. In feudal times, when citizens were known as princes and princesses, Mr. Huang was a prince in Mr. Williams' lands.

"It was a different time back then. Life was simpler and more carefree. The PTB left us alone," says Mr. Huang. "The positive influence of Mr. Williams on the lands of Longfellow and its citizens will be felt for a long time. Everyone, including myself, has a personal story with him. Each one of us will treasure the lessons we have learned from the Sage, and hope to pass on the lessons."

Growhowski Disputes Nair's Height

By Trina Simington

109's new policy of exactly who gets to present solutions at the top of the board as already received criticism due to Maya Nair's height.

Over the years, due to the height of chalkboards and whiteboards, the height of some datemasters and solution-presenters has posed problems. Several years ago, 109 installed a chair for short datemasters. 3rd quarter datemaster, Owen Rollins, used it regularly.

"It really helps a lot," said Rollins. "It's a lot more efficient than having an 8th grader put me on his shoulders." Recently, Mr. Huang has begun choosing only "tall" citizens to present solutions on the top half of the white board. One day, he chose

Maya Nair, and immediately there was dissent from the crowd, led by Riley Growhowski.

"You're tall?" asked Growhowski incredulously.

"She could reach the top," said Mr. Huang. "So I don't know what the fuss was about. She didn't have to stand on her tiptoes like *some* people have to."

Even so, representatives of the Short Citizens of 109 (SC109) are calling the new rule discriminatory.

In an CSP-109 (Council of Short People) statement: "This is an outrage. Short people should have the right to present any problem at the board, with the help of a chair or someone's shoulders."

Sun Keeps Pace with Ho

By David Lloyd George

With only 6-7 skill drill weeks to go, it's a two-horse race between Jennifer Ho and Lizzie Sun of 5th period. Even if Ho does not break Adam Ardeishar's record of 21, she may break the record for highest percentage of perfect weeks if she keeps up her blistering pace.

Matched by a resurgent Summer Wang of 6th period and Sahana Ramesh of 1st, both Sun and Ho scored 6 out of 7 perfect weeks during 3rd quarter.

"I have to look at Adam's stats to see what his percentage was," said Mr. Huang. "I think he was 21 out of 27. If Jennifer can finish 20 out of 25, that would beat Adam's percentage.

(Continued from page 1)

ly proved that all reals equals all reals and also earned a day of 100s.

"We're not happy," said one 4th period citizen. "We did it first, and Conner Moore is getting a lot more attention." A spokesperson for the Longfellow Math Department said, without providing written confirmation, that 4th period's proof argument had holes that Conner Moore's didn't have.

Around 3pm that Friday, Mr. Huang discovered the flaw in the proof, a seldom-discussed restriction on a property that does not allow the use of nega-

Even Lizzie has an outside shot at the percentage, but we would need 7 weeks of SDs, and I don't think the calendar allows it."

Wang and Ramesh must be wondering what could have been if their recent scores had been preceded by similar stats in quarters 1 and 2. Right now, it would take a miracle for them or Owen Rollins to catch Ho or Sun.

"It's a shame it took a while for Summer and Sahana to get warmed up," says Mr. Huang.

Fourth quarter brings the annual Kill Drills and Skill Drills for the Masses where anything can happen. We could see someone make history or come very close to making history.

tive numbers.

Still, the Moore Equation will go down in history as a significant discovery in the history of 109 because it brought attention to an overlooked detail.

"I'm thankful for Conner," said one fellow 6th pd. Citizen. "If he hadn't found that almost-proof, I might have used that property improperly in the future."

One person's failure is another's gain.

On Sale

109 T-shirts \$10
109 Stickers \$0.25

Skill Drills Standings (after SD #19)

- 14: Jennifer Ho
- 12: Lizzie Sun
- 9: Owen Rollins, Summer Wang, Sahana Ramesh
- 8: Brittany Peng, Daniel Park
- 7: Alex Talamonti
- 6: Jason Wang
- 5: Spenser Zamagni
- 4: Samir Chowdhury, Jongyup Kim, Srinjoy Dey, Ishan Dogra
- 3: Tiffany Parise, Nithya Chintalapati, Julia Feldhaus, Lilia Smith, Evelina Swigart
- 2: Eli Sporn, Heran Essayas, Ellison Soobert, Skye Sunderhauf, Marian Qian, Young Suk Yoon, Kaan Bali, Rupa Siva, Chelsea Park, Shing Gao, Julia Kao-Sowa
- 1: Hana Vitt, Dahyun Kang, Ben Meyers, Nathalie Schmanske, Alex Strizek, Anish Tenepalli, Adam Kunz, Conner Moore, Arul Nigam, Maya Nair, Senna Keesing, Shintaro Ng, Jonathan Yan, Nicholas Gibson, Oscar Tidd, Taha Cheema, Kelly DeMatties,

Ask Arvid: Answers and Solutions for An Ever-Changing World

Dear Arvid:

I can't see the board

If I get glasses any stronger, my eyeballs will explode.

Dear Blind:

Get glasses.

Dear Ready-To-Explode:

Invest in binoculars. Some good brands are Nikon, Bushnell and Canon.

Dear Arvid:

I wear glasses, and I still can't see the board

Dear Arvid:

What about Lasik?

Dear Still Blind:

Get better glasses.

Dear Moneybags:

Do you realize that's \$2500 per eye?

Dear Arvid:

Ludwikowski Needs Better Glasses

By Theodore Van Gogh

It's becoming an old story. For months, Max Ludwikowski, rumored to be a Donald Trump supporter, hasn't obtained new glasses even though he desperately needs them. 1st period has had enough.

"He always gets up during skill drills and blocks my view," said one citizen. "Why doesn't he get better glasses?"

It's a fair question. The glasses Ludwikowski are wearing obviously don't do the job well enough. In fact, there have been times when he has had to stand just a couple of feet away from the board to see, and this is when he *is* wearing his glasses.

There is another option. Mr. Huang could provide Ludwikowski with large print versions

of skill drills and notes, the kind that would be given to little kids learning how to read or the elderly who need magnifying glasses to read.

Or he could give Ludwikowski a pair of binoculars.

"Binoculars are expensive," said Mr. Huang. "Providing large print versions of everything is not expensive, but it is time-consuming. I would have to enact a vision tax to pay for the binoculars or compensate me for my time. I have a family to feed."

The other issue that has not been discussed yet is Ludwikowski's diet. Would a change in his diet, adding in more vitamin A and carotene, improve his vision.? It's certainly worth investigating, but time is running out as we are in 4th quarter.