clearing the air ?

STAAL UNWILLING TO SHIFT, DEAN IN NEUTRAL

"Discussion of the proposed change in the name of our Faculty appears to be going off the rails with misinformation and lack of homework." So Dr. R.A. Staal (who is spearheading the name change campaign) summarized the present situation for math NEWS. In order to "clear the air " of any misconceptions Dr. Staal has prepared the following remarks:

1) Those who are genuinely interested in a Mathematics program of the "traditional" kind need have no concern about lack of recognition for their work. The subtitle of the proposed new degree will indicate at least as clearly as before what they have done. The import of "B. Sc. (applied Mathematics)", and "B.A.(Pure Mathematics)", for example, has always been clearly understood. In fact, the vaguer primary title will call attention more forcibly to the finer detail of the subtitle.

2) The name change would, without adversely affecting others, be especially beneficial to those who want a more strictly occupationally oriented program with less hard-core mathematics and more emphasis on their specialty than a straight Mathematics degree could accomodate without losing its meaning. The proposed name change is designed to <u>keep</u> the meaning of some programs by putting the emphasis on the subtitle, while broadening the domain of other programs.

3) The following problem will (I hope not too obscurely) convey my feelings on the recent poll. X% of a group declare that they want their Mathematics degree to keep its meaning. Y% declare that they shouldn't have to study basic modern (post 1800) Analysis and Algebra since they won't have to use these topics in the jobs they expect to get. What percentage of the group are speaking with forked tongues?

4) As for consultation -- what is the

math NEWS

replacement for hewlett packard 45's?

HUMAN CALCULATOR!

On Monday, February 18, Mathies will have a chance to witness someone who can do with great speed something that they can't do at all... arithmetic. Shakuntala Devi, a "human calculator" will be giving a demonstration of her computational powers in M&C 2065, at 4:30 pm.

Shakuntala is an Indian born woman who challenges any electronic hardware to a mathematical match of speed and skill. She is able to do sums in no time at all, but hard things like the 10th root of a 40 digit number may take a full 30 seconds to compute. Right from the beginning, she was a prodigy. At three years, she first manifested her love of numbers, and by five, she could do complex arithmetic in her head. She solved in seconds things that took other people hours to solve. While six years old, she gave a demonstration to an assembly at the University of Mysore, amazing the students and professors for two hours with her lightning rapidity.

In 1950, in England, the BBC featured her on a television special. Shakuntala presented the answers to problems posed by the BBC. When it appeared she had given a wrong answer, the computations were checked, and it turned out that the BBC had bungled it. At the University of Rome, where she was challenged by a calculating machine, another wrong answer appeared. Rechecking revealed that Shakuntala was right and the machine had erred (Take heart, programmers! - it may be a machine error after all and not your program that caused your bug).

In Sydney, Australia, Shakuntala matched her wits against an $20,000

ELSEWHEN

Fragments from mathNEWS Friday February 16, 1973, one year ago this week.

"It seems there is a movement afoot to undermine Andrew Telegdi, newly elected Federation President..." "The federation ... must be reaching an all time low reputation for entertainment on campus." "It seems that Bill Wadge may not be the only prof hitting the street in September..."

FULLDUPLEX
by ludwig van zopfault

In past weeks, we have discussed several topics of concern to us, and hopefully to mathematics students in general. First is the subject of the faculty council's decision to ask the Senate to approve the faculty's proposed name change. Second is the matter of the watering down of the curriculum for Computer Science students (in particular, the decision that Math 332a would no longer be compulsory).

This week, a relationship between these two topics has come to light, a relationship which should be brought forth in order to clear up some of the misconceptions which surround the whole situation (and which this column may regretably have helped foster).

About two years ago, the students of Applied Analysis and Computer Science decided that they had enough support to approach the faculty to ask that there be a change made to the curriculum. The proposal was that Math 332a (functions of a real variable) no longer be considered a compulsory course, on the grounds that it "was not relevant" (whatever that means) to the education of Computer Scientists. That the position of the students was inappropriate was hotly contested by the faculty at the time (and more recently in this column), but under pressure from the students, the faculty gave in, and in due course, the change was approved. Many members of the faculty continued in their disapproval of this move, particularly those in the Department of Pure Mathematics, where it has repeatedly been put forth that it is misleading, at least, to offer a program, calling it a Mathematics program, without a compulsory third year level course in real variables. It is in this light that the motion to change the Faculty's name was introduced in the Faculty Council.

It is our feeling that the faculty members in general, and many of the students would be more satisfied if M332a were reinstated as a compulsory course, and the Faculty's name left alone. However, the obstacles involved in such a move would be quite formidable, if not insurmountable. These obstacles include probable extreme student opposition, and the labelling of such a proposal as "reactionary" (which has probably killed more good ideas than any other thing, except for cries of "communism!").

As a result of considerations such as these, it was clear that any action along these lines would be futile. The obvious alternative was: "if we can't make it a Mathematics course, let's call it something else.", and so the situation came to be as it is now.

There are of course, other courses of action, and we would like to suggest two of them now.

The first is not a radical departure from the situation as it stands. We would like to propose that if the Faculty must change its name, that it change it to "the Faculty of Quantitative Philosophy". This name offers several advantages over "Mathematical Sciences". First, it sounds nice (but see our column three weeks ago). Second, it avoids arguments about what one means by the word science. (Doesn't Science imply experimentation? In what sense is graph theory or analysis experimental?) Third, it is most definitely an appropriate name, in that all Mathematics deals with quantity, even if only in the most abstract sense, and as we have stated on previous occasions, Mathematics has for many centuries been considered a branch of Philosophy.

Our second proposal is that rather than change the name of the program, and allow it to continually move farther and farther away from the mainstream of Mathematics, that the program be reconstituted as it was two years ago, and that a new program corresponding roughly to the present program (with a different name and degree) be instituted, with the idea that people desirous of a Mathematics education could get one and call it that, but those whose interests lay along the lines of the present program need not be forced into a program which they felt did not serve their needs. Clearly, there are many problems with this proposal, not the least of which is the administrative difficulties involved, but we feel that the additional flexibility involved in this scheme may turn out to overwhelm all of its disadvantages.

● ● ●

In response to our request last week, Gord Moore (?a) sent us his choice for the "half-dozen cliches" that sum up all the wisdom of the world.

1) The only books worth studying are those you want to read.

2) Life is a horror story, starring people you know.

3) I want to be me, and part of a we...
4) Damn is a four-letter word that is said too often. Love is a four-letter word that is not said often enough.

5) Science can tell us how a child smiles, why a child smiles, and perhaps it can make the child smile -- but it cannot replace the joy we feel when a child smiles.

6) Dog spelled backwards is still man's best friend.

● ● ●

"Then as to the analysis of the ancients and the Algebra of the moderns, besides that they embrace only matters highly abstract, and, to appearance, of no use, the former is so exclusively restricted to the consideration of figures, that it can exercise the Understanding only on condition of greatly fatiguing the Imagination; and, in the latter, there is

so complete a subjection to certain rules and formulas, that there results an art full of confusion and obscurity calculated to embarrass, instead of a science fitted to cultivate the mind.

"By these considerations I was induced to seek some other Method which would comprise the advantages of the three (i.e. Logic, Geometrical Analysis, and Algebra -ed.) and be exempt from their defects."

   -On the birth of Analytic Geometry.
     -from part II of On Method
      -Rene Descartes
       ● ● ●

Thanks this week to all our correspondents, and in particular to Michael Collins and Leslie Szasz.

Faculty Council for? What are the student reps on the Council for? What are one-month notices of motion for?
5) We have assumed it was understood that if any change in name of our degree takes place, students caught in midstream will not be affected (unless they choose to). Perhaps there has been uncertainty about this.

In a further attempt to clarify the matter, W.F. Forbes, Dean of Mathematics approached the Math Society at the past Tuesday's meeting. The Dean termed the apparent negative attitude on the part of students as mainly due to a "lack of communication". He noted that Faculty Council meetings are open, and so, if any students feel strongly about this issue they should approach the Council. At the Tuesday session the Dean revealed his personal indifference concerning the proposed name change, calling it "a fairly trivial thing", adding that it "would be nice to remain unique" -- referring to a retention of the name "Faculty of Mathematics" since so many other sources are now using "Mathematical Sciences".

In any event, letters have been written to other faculties concerning the matter. As yet, responses have not been received.

In other developments, also at the Tuesday MATHsoc meeting, Bruce Woodrow, 3b co-op rep, put forth the following motion: "Move that the Math Society Council recommend to the Math Faculty Council that the name not be changed to the Faculty of Mathematical Sciences without further consultation with the students." The motion was amended to add "that a forum for discussion of the change be held". The motion and amendment were passed unanimously.

Tentatively, Dr. Staal and other proponents of the changes are being invited to a forum to be held early next week. Further announcements concerning time and place should soon be posted.

So, anyone harbouring definite feelings concerning the proposed changes should keep the upcoming forum in mind, plus the next Faculty Council meeting, which will transpire this Tuesday, February 19 at 3:30 p.m. in M&C 5158.

computer in the University of New South Wales. She was able to produce results before the problems could be entered. "It is frightening!" remarked one of the professors. At one company in England, she was taken to the Accounting Department and pitted against a girl with a comptometer. She was able to carry out all the computations given to her before the girl had a chance to key them in. (Is this the solution to all of the Auditor's problems?)

Shakuntala makes no money from her calculating mind, but asks only for expenses for demonstrations. "I prefer to keep my gift cultural. God gave it to me and I don't want to become commercial."

Throughout her tours of the world, she has performed in Universities, colleges, schools and on television and radio. She not only has a great talent, but posseses charm and a keen sense of humour. She endears herself to her audience, making mathematics look fun again.

Evidently though, she isn't perfect. Four weeks before her daughter was due to be born, she took an international plane journey, and ended up giving birth at Heathrow Airport in England. She had missed the target date by a full week. Well, it just goes to show that she must be human.

All you disbelievers get your chance to witness Shakuntala Devi on Monday in M&C 2065 at 4:30. It's free. The Math Society is sponsoring the demonstration, with the Faculty of Mathematics footing the bill.

The rghansen chess program was put to the test in the recent MathSoc chess tournament (It came in 10th from about 30 entrants). Now, the rhoward #abc is being challenged. Can the Honeywell 6050 think faster, or will #abc meet its Waterloo? Attend next Monday, and you just may find out if all that expensive hardware is really worth having.

"The different branches of Arithmetic - Ambition, Distraction, Uglification, and Derision "
 -The Mock Turtle ('Alice in Wonderland')

"But there is another reason for the high repute of mathematics: it is mathematics that offers the exact natural sciences a certain measure of security which, without mathematics, they could not attain."
         -Albert Einstein

"Mathematics is the Queen of the Sciences, and Arithmetic the Queen of Mathematics."
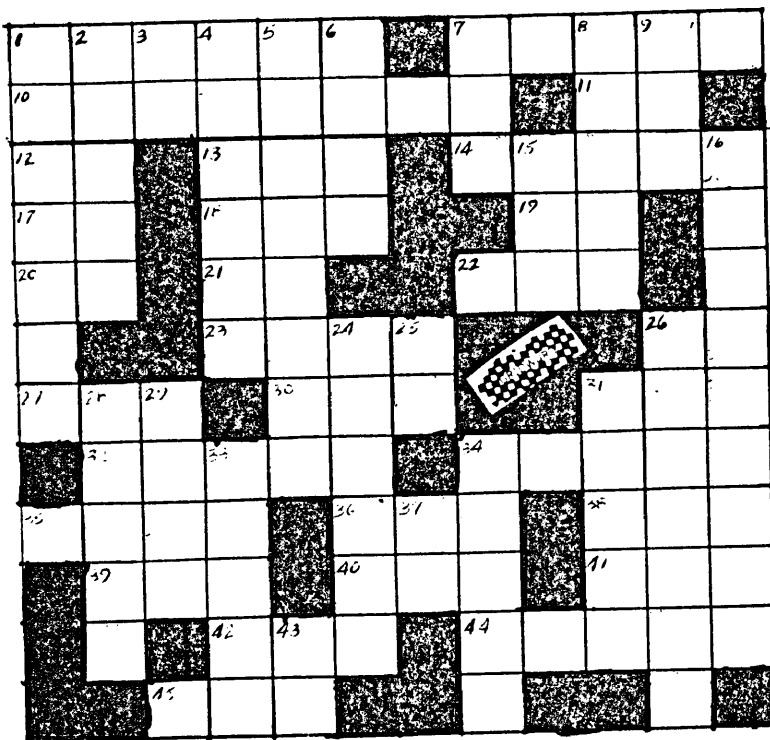   -C.F.Gauss

"Every 'new' body of discovery is mathematical in form, because there is no other guidance we can have."
         -C.G.Darwin (1931)

"How can it be that mathematics, being after all a product of human thought independant of experience, is so admirably adapted to the objects of reality?"
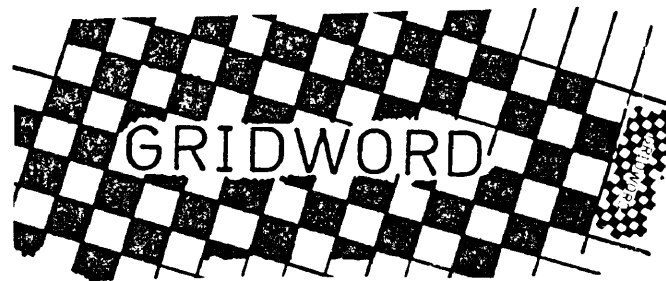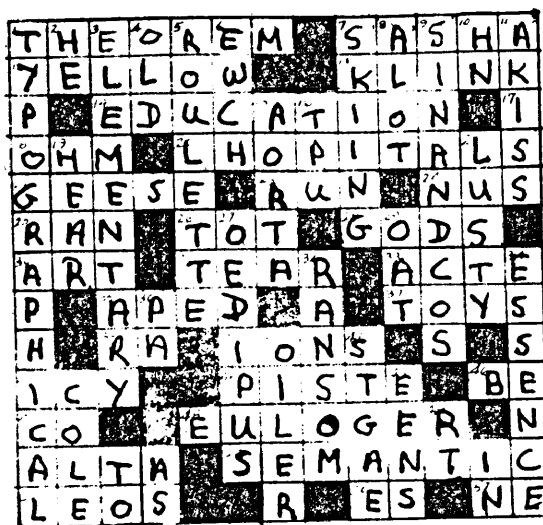   -Albert Einstein (1920)

—< ITS BEEN SAID >—

across

1. these don't always seem united
7. shoplift
10. _____ Associates
11. found on TV
12. _ _ Sharpe
13. necessary in bridge
14. used at Stelco, Inco, Alcan, etc.
17. relation operator
18. summer drink
19. part of IBM staff
20. /360 headache
21. another relation operator
22. to be wrong
23. understand
26. District Marshall
27. not seen as much in winter as in summer
30. summer Mathsoc council ran like this
31. Applied Math prof
32. lunch place in Ottawa
34. South American people
35. about an old #1-down (by Coleridge)
36. French here
38. member of Parliament
39. prefix for three
40. period
41. nothing
42. oil standard
44. athletes need these for breaks
45. where #1-down likes to be

down

1. men of the waters
2. these are causing Nixon many problems
3. Accounts REceiveable
4. built a large building in Toronto--moneylenders
5. mounting against Nixon
6. Marat/_____
7. some of us are ___ fanatics (too bad it rained)
8. first year students have this trait
9. lots of this about nothing
15. National Cash Register
16. many of these scattered around UW
24. these passes keep the play moving
25. With Respects (abbr)
26. important concept in linear programming
28. Canada's "Newest Charter Bank"
29. DS____, DD____ and you have one too
31. sung in church
33. short, concise
34. _____ Miller
37. company
43. for those with a staggering problem

GRIDWORD

This week's T-shirt winner is Janice Halligan. Her solution had just been picked at random from the 39 correct solutions when she walked into the room. We tried to keep it from her but somehow the information leaked out . Only 12 solutions were incorrect . (A special note to CD: L'hôpital is a far more common spelling than L'hospital . The latter is an Anglicized version of the name which probably arose from the fact that the cimcumflex (^) means an 's' wwas dropped from an older version of French)"

This week's contributor is Rick Kraft.

Solution grid:

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

THIS WEEK'S $\sum$ THEOREM

The Chess Club of a prominent university consists of three teams, the Tarcomeds, the Nacilbupers and the Woofen Puffers. Each team features three members, and each member is rated with a number from 1 to 9. A player can beat all the players with a lower rating, but is defeated by those with a higher rating. The following is a table of each team's members, and their ratings:

TEAM	Player 1	Player 2	Player 3
Tarcomeds	Capablanca # 6	Tal # 7	Steinitz # 2
Nacilbupers	Ribbit # 1	Alekline # 5	Fischer # 9
Woofen Puffers	Spassky # 8	Lasker # 3	Morphy # 4

In an attempt to be fair, each team has a total rating of 15. Now, the Tarcomeds play the Nacilbupers in a round robin tournament, where each player plays one game with each of the three members of the other team. The Tarcomeds take the event, 5 games to 4. The W.Puffers play the Tarcomeds in another round robin and they end up winning 5 to 4. Therefore it would seem that the W.Puffers are the superior team. However, when they play the last place Nacilbupers, it turns out they lose, 5 to 4. This implies that greater than is not a transitive relation; i.e., if a > b and b > c, then c > a.

de-NOMINATION

The elections for Math reps. to the federation council will be held on Feb. 27&28. Interest in representing Math seems to be surpassed only by the mad rush to pick up nomination forms. For the three regular positions and one of the co-op positions, no forms had even been picked up by presstime on Tuesday. The nomination period ends on Friday the 15th, and it looks like it is going to be another closely contended acclamation.

Meanwhile, nomination froms can be picked up from H. Petz in the Federation office in C.C. 235.

For advance warning to avoid the stampede for MATHsoc nominations, they will be opening next week.

unCLASSIFIED

FOR SALE: 1971 Kawasaki 500 Mach II. Extremely fast and in good condition with many new parts. Asking $800. Contact Keith at 884-9838.

FOR SALE: Honda 50 and 2 wheel bicycle. Call Marsha at 579-0877.

FOR SALE: Electrohome stereo record player. Asking $55. Phone Richard evenings before 10:00 at 884-4924.

TO SUBLET: Summer 1974, 2 bedroom apt. suitable for 4. 3rd floor Waterloo Towers, free kitchen table, 2 chairs, shower curtain. Appliances and utilities included. 5 min. to UW, across from College Square. One month rent free. Phone 884-2137.

WANTED: One girl (or more) who is willing to meet a very interesting 2nd year mathie (male). She should be interested in many different things. If interested please contact me through APL's 555 mail. Send it to 'YOU' or else send a message along to mathNEWS so I can get in contact with you.

WANTED: Village 1 girls to come to West 5, Third floor's Pajama Party on Tuesday Feb. 19. The fun starts at 9:00 and pajamas are optional.

PERSONAL: Congratulations to Rosemary Fould on her receipt of the Noggies Creek Planning Award. From Quincy Blat.

MATH GRAD PARTY: Limited tickets available soon for only $4.00 at math soc. Planned for March 16 at the Waterloo Motor Inn. Bar open at 6:00. Buffet at 7:00. dancing at 9:00.

WANTED: If you are interested in J.H.Conway's game of Life, I would be interested in hearing from you. Contact me by either APL 777 MAIL, through "BURLOAF", or on the 'bun, by mail prraynham.

THE BLACK BUBBLE COFFEE HOUSE: Every Tuesday at 8:00 p.m. in the Engineering 4 Lounge. Assorted teas and coffee; pastries and homemade cookies. Live entertainment, free admission.
      FEB 19 with Derwyn Lea
      FEB 26 with Bernie Martin
Those interested in performing may contact Mark at 578-7314.

HAPPY ANNIVERSARY: to Judi and Guy from South C.

math ETICS

indoor soccer

(BSP) 4:52 p.m. Friday afternoon was an historic moment for the Math Exponents - Glenn Soares, (a) brilliant young offensive player (b) offensive young brilliant player (chose one) broke the scoreless schedule, and proved that the team does have scoring power. And Keith Farlinger, an up-and-coming rookie in the big leagues scored again in the second half to drive the point home. So despite the fact that the Exponents still snatched defeat from the jaws of victory last night, it was obvious that they're a much improved team. Their scouting unit has discovered a talented young centre, Dave Brock, and Gerard answered the plea for help, adding depth to the offensive line. Even spectator attendance was up 100%, and the team is seriously considering selling popcorn at future games to offset transportation expenses incurred by the Gaubatz Transit System. The defense, led by Steve Smith and Ace Reid displayed its usual brilliance, and the rest of the team seemed less clumsy than usual.

hockey

A five goal second period outburst featured a competitive hockey showdown triumph for Regular Math this past week-end over Sunnydale Sabres.

After a hard-fought first period Reg. Math held a slim 1-0 verdict due to the superb net minding of the Sunnydale goaltender. Don McLean tipped in a goal mouth pass from Mike O'Niell to climax a three way passing play initiated by Dean Mucci.

In the second period Bob Milette from Pat Fallon; and John Wetmore from Ken Chupa and Fallon gave Reg. Math two quick tallies and three goals in the final four minutes sewed up the 6-0 verdict. The final scoring plays were Pat Fallon assisted by Rim Skinner; John Wetmore from Dean Mucci and with 2 seconds left Don McLean assisted by Ken Chupa and Pat Fallon.

John Bunnside stopped several hard shots to post his first shut-out of the team. The only bleak note in this well-played contest was an eye injury suffered by smooth centre John Hohmeier. Hohmeier was hospitalized for observation and will be lost to the Reg. Math club indefinitely. However no permanent damage should result from this injury, fortunately.

Reg. Math will host Team Waterloo, this Sunday at 10:00 p.m. with Moses Springer the location.

co-ed volleyball

Little did we know when we hit the courts Monday night that the Math C's reputation had preceded us. There we were at 9:30 -- eight of us all fired up and ready to take on any opponents. Unfortunately, that's what we had to do -- take on anyone. Our official opponents were supposed to be a team called the Dumont Ducks. But, despite many calls, the Ducks were nowhere to be found. Do you think they feared to stand up to us? Well then, would you believe they've read about our latest exploits and didn't think it was worth the trouble?

Anyway, after a few minutes of confusion, six people who were still hanging around from previous games, got together and a very exciting match ensued. Without the pressure of having to win hanging over us, everyone relaxed and really began to show some form. Unfortunately the scoring was a little slipshod. It wasn't uncommon to hear the score jump from 1-1 to 5-3 after only one serve! However, we definitely did lose the best out of three (but they were close games!)

Our next match is Monday, Feb. 18 at 8:30 p.m. in the Seagram Gym (as usual). Everyone welcome.

waterpolo

It seems that the only way to get a team (at least 8 people, at least 3 of which are girls) out for a game is to call everyone up personally and invite them to come. Tonight we had a showing of 7 people, only 1 of which was a girl. We put up a good fight (literally sometimes) and lost valiantly. The next game will be Tues. Feb. 19th. Check the bulletin board opposite the third floor lounge. (But don't wait for me to call you cause I just might not!

bowling

The second annual Intramural Mixed Bowling Tournament held last Saturday was won by a team from Kinesiology. They won with a total of 2525 in a total of 12 games (3 games by each of the four bowlers). The main strength on the team was Brian Stark who rolled a 928 triple including a dazzling 411 in the final game to seal the victory.

Second place went to a fourth year math team who attained a total of 2352. This team was one of six math teams to enter the tournament to put math in second place as far as participation goes. St.

Jerome's naturally came first in that department with 10 teams. The second best math team finished in fifth position. Keeping up its tradition math also supplied the last place team in the tournament. Other math positions were 17th, 19th, and 21st.

BRAVE NEW FACULTY

Uniwat, 1980 -- There is a movement afoot among some members of the faculty of Mathematical Sciences to change the name to the Faculty of Mathematical Technology, with a corresponding change in the degreees from B.M.Sci. and M.M.Sci. to B.M.Tech. and M.M.Tech. respectively. Explains Professor Bandwagon, leading proponent of the change: "Of all the departments in this faculty, only Applied Math falls comfortably under the name 'Science', while they all fit under the banner 'Technology'. In addition, with the current broadening of the scope of our activities and the continuing de-emphasis of mathematics, (to cite an example -- the exemption of accounting students from third year long division), the proposed name more accurately reflects the philosophy of this faculty."

When asked whether comments had been solicited from the students, Professor Bandwagon replied: "The students are not in a position to judge properly. After all, they are here for a mere four years. However, since the new name has two more syllables than the old, the students will probably be in favour of the change."

The new name is expected to pass through the Faculty Council without trouble, but it may be delayed for some time in the Senate due to strong opposition from the Faculty of Engineering.

HIDE-AND-SEEK

Another week has passed...... and now for the news from the Pure Math Department, "Pure Math is alive and well on the 7th floor!" and a word from our secretive Stats Dept., "   ."! Our thanks for these little indications of life. Remember to tune in next week for some reeaaalllly great news from .... The Department of Applied Math!!

By the way whatever became of the Division of Mathematical Research of which the Calendar states, "organizes the Distinguished Lecture Series in which individuals,...... are invited to present a series of lectures to undergraduates as well as graduates." Has one seen any new faces lately?

REMINDER

DROP GAME: This is a reminder that the last day for mathies to drop courses this term is march 4. That's two weeks from next Monday.

phantom gives up ghost

As usual this week, there isn't much to report....

WATMAP has developed a "bug", specifically, the short left shift (SLS) generates all sorts of strange garbage.... It's amazing that the "LLS" works actually (how can we be this lucky??)....

Ah well, after many weeks of being annoyed by various mathNEWS gremlins and generally frustrated, and many month's of filling this column with any boring trivia that came along.... not to mention waiting for the APL update.... well it has outwaited me... I QUIT....

So Anyway For The LAST TIME:
TO LUDWIG VAN MEMORYFAULT: It's all yours.
TO BUXTON DUNNAWAY: seeing as this is the last chance I felt I should say something....
TO JMS: 20 messages?
TO MARK SHIELDS: HAPPY ANNIVERSARY!!!!
TO THE CIRCULAR AND SOMEWHAT FISHY GHOSTWRITER: better start looking in the classifieds.
TO THE PHANTOM FROM HIS GHOSTWRITER: Indeed....

Our mail file was virtually vacuous this week. The deficient dowery of dispatches was definitly dissapointing. Fortunately, the lack of quantity was made up for in quality... for example, we recieved this "ned thing": oe'177 a <any text ...> . (Figure out what happens...). In addition, we recieved a nice set of arguments against the faculty name-change, and several amusing comments.

to fwslade: in what respect?
to rmcrook: uf '-
to rwalexander: says who?
to "mathsoc" (that wasn't really his name): never saw that ad...

This week's "Try This": "adventures with 'attn' "
SYSTEM ?ned
QED
e./'r/
<hit the "attn" button>
a zap';'f s/zap/zop/

7

policy

10 × 25 = 260?

For those of you who are not yet informed as to the expansion of coffee and donut services, here goes: we order 210 kaisers and 60 submarine sandwiches everyday. These goodies arrive at around 11:00 a.m. (give or take a 1/2 hour) and are all gobbled up by 12:30, so you have to be there early. For 2 weeks now we have been selling soups and hot chocolate at cost. (10¢ a cup) We have chicken, kreem of chicken, beef, vegetable and french onion soups. We are also providing for those who wish it, sleeves of 25 cups for use at home or in your room in residence, for $2.60. A few people have so far expressed surprise at the fact that it costs more for 25 at a time than it does for 25 individually. The explanation of this policy is as follows: since we are not making any profit on individual cups and do not keep sleeves in surplus of our needs and this service will result in our ordering and storing and distributing these supplies we feel it is worth .4¢ per cup. If you would like to take advantage of this service please leave your order, name and phone number with the workers at the coffee and donut stand.

A PURE MATHIE

Amid speculation as to what 1974 holds ahead, we have varied opinions. We do, however, know what certain people want and expect. In China, it is the year of the Tiger, in the U.S. it is the year of impeachment, and at UW-the year of the pub(maybe) At the Math building, which some of us call son, a few call it home and others call it other four letter Anglo-Saxon nouns, things are happening.

"The time has come."(so said the great walrus) The great Matisiah came down from that big core box in the sky and said "!!!" to me the other day. We took to conversation and as it digressed, he proceeded to outline his hopes for what the perfect Mathie would be like this year. I suggested the present Mathie would relate more to the following verse. I mouthed it in his lingo for ease of communication. Math is my shepherd; I do not want. He maketh me to sit down on hard seats; He revives my old algebra: he leadeth me down the paths of derivatives for derivatives sake. Yea, though I walk through the volleys of the marks of death, I will fear no evil: for math art with me; my slide rule and abacus do comfort me. Thou preparest tables before me in the presence of my absence: thou anointist my 2741 with oil; and my filespace runneth over. Hopefully goodness and quick graduation shall follow me all the days of my life: and I will dwell in the house of Math forever. He left in disgust, but promised to come again and save the Math faculty's name!
72354398

FEEDBACK

name fame

mathNEWS

May I make one rather important correction to an otherwise good report on the proposed change in name of our Faculty(mathNEWS,February 1). I certainly do not (heaven forbid!) claim that the only mathematics is Pure Mathematics, as the reporter's wording might seem to imply. The only issue is the way in which departments are, in fact, commonly set up and named. At many universities there are for example, separate departments of Mathematics and of Computer Science: hence certain individuals might, on hearing of a Faculty of Mathematics, be in some doubt as to whether it included Computer Science. They could, of course, read our calendar to find out, but the whole point of a descriptive name is that it should save them the bother.

One further point might ease the concern of some students. When the main title of a degree is changed to cover a broader area, more weight gets attached to the sub-title(e.g. (Pure Mathematics) or (Statistics)). The result is the opposite of what some contributors to mathNEWS have feared. The best example is the B.A., which means virtually nothing as far as describing the subject area is concerned.
Dr. R.A. Staal
Pure Math Dept.

name shame

mathNEWS:

About 2 years ago, maybe less, a survey was taken to see what students thought about changing the name of our faculty. The results of the survey were somewhat negative, but it hardly mattered-the Faculty of Science effectively submerged the changes at the Senate level, and we remained the Faculty of Mathematics.

Sometime between then and now I attended a faculty council meeting where a prof used the following "logic":
" 'Mathematics' refers to the traditional areas of mathematics(like calculus and algebra).
'Mathematical Sciences' refers to the 'modern' areas of math, like CS, computer science and statistics.
Students prefer the name 'mathematics' to 'mathematical sciences' .
Thus, we feel a)that this indicates students prefer the more traditional approaches to math, and b)that the changes proposed(to the core curriculm)should not be implemented."

I thought this was a pretty strange conclusion, and was deeply disturbed by the number of professors prepared to accept this line of reasoning. Some professors, however, have since reminded me that the name change is highly important to getting

(cont'd from previous page)
changes made to the core curriculum.

I was disappointed to think that our 8 year old faculty would already be so mired in tradition that the name would have to be changed in order to allow the curriculum to reflect today's needs. However, it seems a necessity, thus I voted in favour of the proposal at faculty council.

mathNEWS possibly can help inform our faculty members in a constructive way. The survey of 2 weeks ago once again omitted all issues except for the name change. I recommened that opinions be invited on the core curriculum. I fully believe that a number of people (who are against the proposed name change) are in favour of changes in our core curriculum. This knowledge could be most enlightening to a number of our professors.

I also invite any students interested in discussing these issues to leave me a note-mail it to Math Society or to USERID frkraft on the 6050. I'll be happy to get in touch with you.

Rick Kraft
Math 4B(Comp Sci.)
Faculty Council Rep

P.S.-Congratulations to the 106 students who answered the questionnaire. Can we assume the "don t cares"(all 2300 of them) win again? Let me re-write last week''s "Students Turn Thumbs Down to Changes" headline (God, that's irresponsible) to "Most Students Don''t Care One Way or the Other on the Name Change".

lame name

mathNEWS:

I think this whole issue of Faculty name change reveals a great deal about why students attend this university; they come not to obtain an education, but a diploma; they seek not knowledge but rather a title.

To debate whether we are scientists or mathematicians seems to exclude the possibility we are human. Does this mean we should change the name to "Faculty of Human Mathematical Sciences"? No, of course not. What it does mean is that we are placing more emphasis on the title behind our names, than we do on our names.

It is true that after our studies here, we can, with pride and a sense of accomp;ishment, add a few letters behind our names. We know what has been achieved and the "work value" of those letters. But does anyone else? Can anyone outside the university be more impressed with seeing a B. Math or a B.M.Sc? What is the difference to them? I say there is none. Just because we have a diploma reading "Mathematical Sciences", does this make any one of us less of a Mathematician? I say not.

All this points out clearly that we are looking for a title; something that will make us "fit" into society so we can achieve, become rich and live happily.

This debate just repeats the satirical thought in Malvina Reynolds song, Little Boxes;

...And the children go to summer camp
and then to University
Where they all get put in boxes
and they all come out the same.

Gord Moore
Co-op Math 2A

maim name

mathNEWS:

Regarding the proposed change of name for the Faculty of Mathematics, I would like to say that I feel that the change would be completely uncalled for if it is just for the sake of change (as it appears to be, judging from the letter presented at the Mathsoc meeting from Dr. Staal). On the other hand, if we can be assured a change in core courses for each department starting in second year (at least) will accompany the name change, the changes could then be considered.

As far as keeping up with other universities, we should concetrate on the quality of courses and facilities rather than the name. Janice Halligan

same name

mathNEWS:

There has been some talk of changing the Faculty of Mathematics into the Faculty of Mathematical Sciences.

Is the desire to introduce science into the name of the Math Faculty due to an inferiority complex amongst some of the "higher echelon"? Is this an attempt to gain status? In that case the next step, naturally, will be to change the name to Faculty of Sciences and Math or better still Faculty of Sciences.

We'd all like that wouldn't we?

So I cast my vote very strongly against any idiotic attempt at changing this Faculty's name.

Dennis Mullin
Math 2A

3rd floor dump

mathNEWS:

It might be hard to notice during the day, when there are so many people present, but at night, with few students around, you are able to grasp the breathtaking slendour of it all-empty coffee cups on every table, some piled three and four deep, some knocked over, providing a sticky medium for wayward candy bar wrappers. Orange peels, milk cartons , soup cups, spoons, straws, lunch bags-beautiful isn't it? How difficult it must be to throw away a cup once you are through with it, and to clean up a spill. How heavy that apple core must be, to prevent you from using a wastebin only steps away!

I move that, hereafter, the third floor lounge be called "Undergraduate Garbage Dump"- a title it so richly deserves.

Let's call a spade, a spade, and a dump, a dump. Dennis Ablett
4B AA&CS

9

puck hogs

mathNEWS:
Although this article is late in coming to the ears of all fellow mathies, I think it's purpose is well meant.

For many years now, all we have heard about on campus, is the money-laden Regular Math hockey team and its great member.

Well this past fall, it was proven that you don't need talent, money, and power-trippees to take the Bulbrock Cup. Village 1 West beat both heavily favoured Environment Studies and the Regular Math Mouthies. All that is needed is great spirit, good attitude, and to know Math is not the greatest thing that has hit this campus.

If more people put an emphasis on winning as well as having a good time, sport would be enjoyed more by all. However, sometimes individuals try to buy what they want; for instance the Bulbrook Cup. Who ever heard of a $1000.00 sports budget of which most of the money goes to the now dethroned Reg. Math team. Or making it be like the N.H.L. and offering lucrative advantages of why one should play for Math. Then again, if you give Joe his release I will give Dick his.

The whole intramural hockey league is not what it should be. Although it is a competitive league, the way a few individuals playing for Math think, we are going to have draft meetings this summer for next fall's league. The whole system of releases is in most cases not understood by all and abused by others.

First of all, if there was no such idea as releases we would probably see the same teams as now. The residence teams would certainly stick together as would most of the faculty teams. I don't think everyone wants to play with Math. However try and get your release and it is like the Paris Peace talks. If the team giving the release has enough members whether they are of the best calibre or not, they sould give additional members of the same faculty of residence their releases if they want it. By not giving the release or making a hassle about it only makes things seem more like the W.H.A.

So for the RECORD BOOKS, Pat Fallen et al, Math was beaten not by a more talented team but by a team with spirit, with the want to win and anything to keep the Math mouth shut. Although the game was won on penalty shots, Math was outplayed throughout the game and were never really in the game at all.

So this ends my little discussion on the Math hockey team and I wish the best luck to anyone who defeats this team of talented bums. Halewood Halebruin

rebuttal

mathNEWS:
Personal reply to Mr. Romansky:
To the best of my recollection, I was the worker at the door who made that somewhat unfortunate comment. I'm sorry if it offended you or your friend, but as one or two other people at the door can no doubt attest to, it was not said in any tone that could be considered insulting. It was a quick, off the cuff remark said jokingly because I knew you.

As for the incident of the two girls: If you'd bothered to come over to the door and find out exactly what was going on, maybe you wouldn't have been quite so surprised. To begin with, by the time these two girls arrived the pub area had reached capacity--in fact, there were upwards of 250 people in an area that is only licensed for 225--so we kindly told them that they wouldn't be able to come in. Unfortunately, they had other thoughts. They were friends of the band, they said. When told that this didn't make any difference, they then tried to barge their way through, at which time they were thrown out.

Unfortunately, Wally, we can't please everybody. And, at this time, if we don't show the LLBO that we can run a pub according to the ground rules they specify, then the problem will be academic--because we won't have any licenses to run pubs with. Phil Lanouette