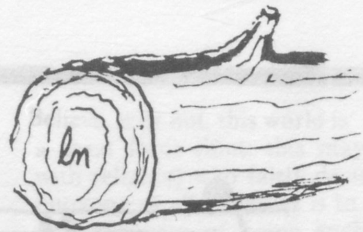


Dr. Leo Ferrari Visits UW Campus



Dr. Leo Ferrari, of the University of New Brunswick, visited UW campus this week to address the residents of Renison College at their monthly formal dinner, by invitation of Renison's student council.

Volume 19 Number 7
march 2, 1979

math NEWS

Dr. Leo Ferrari is a Philosophy professor at UNB. He looks like a cross between Rasputin and George Carlin, and is about as funny. He is reputedly a lineal descendant of James II of England. In fact, he claims to be James III. He is also nominal sovereign of certain upstart states to our immediate south, and lays claim to the entire beer monopoly of North America. He is also (this is the main thing) the President of the Flat Earth Society of **Canada**. (Not to be confused with a certain British group or a certain Californian Fundamentalist group.)

Mr Ian Campbell, Principal of the College, introduced Dr. Ferrari, after which the good doctor took over. The first section of the talk was devoted to the history of the Flat Earth Society of **Canada**. The Society was formed after a protracted dr... ah, thinking session on the Eighth of November of some year, Dr Ferrari told us. Someone asked him whether the world was Flat. His answer, in keeping with spirit of the occasion, was "Of course the world is Flat...everyone can see that!"

Science, Dr. Ferrari said, is only one of many possible ways of looking at this mystery called reality. Like Socrates, the Flat Earth Society serves as a gadfly, challenging the staid ideas of the age. To quote G.K. Chesterton, "A man should always question the strongest convictions of his age".

The Flat Earth Society has the following goals:

- 1) To restore man's faith in common sense.
- 2) To combat the fallacious deification of the sphere, which has warped western thought since Pythagoras.
- 3) To spearhead man's escape from his metaphysical and geometrical prison.

The Society are very down-to-earth. They are believers in *terra firma* and the more firmer the less terror. Their motto is "We're on the level". Information can be had from Dr. Leo Ferrari, President, Flat Earth Society, c/o St. Thomas University, Fredericton, N.B., Canada E3B5G3.

Mathsoc Presents: MATH GRAD PHOTOS

On March 7th and 8th, Forde Studios will be taking Math Graduation photos in the Campus Center room 217B. Sittings will be scheduled from 9:15 am to 12: noon and from 1: pm to 4:15 pm. The gown and hood will be supplied and eight proofs will be taken.

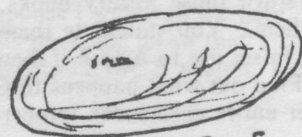
Forde studios have a number of packages available. These range in price from \$39.00 to \$61.50 with a graduation special at \$39.50 for one 11" x 14" canvas mounted portrait. There are also single print prices from \$5.00 to \$47.50. These are basic prices and sales tax will be added. No further discounts will be available.

They require a \$10.00 deposit at the time of the sitting, which is applied to the order. If you choose to have no prints made, the deposit will not be refunded but it is not a sitting charge, the balance may be paid when your order is placed, when you pick up your portraits at the studio or cod.

Forde Studios are willing to make up composites if there are enough people signed up in a group, for example, if more than 30 people sign up in statistics and if they want a composite made of the stats graduates then such a picture can be made. No guarantees are being made that any will be available if less than 30 people want composites made.

More information and sign-up sheets are available in Mathsoc.

Karen MacNeil
social committee



Dr. Ferrari's
World View

TODAY FRIDAY MARCH 2

MATH SOCIETY
FACES THE
MATH FACULTY

IN A BROOMBALL CONTEST AT ST.
CLEMENTS ARENA.
Game Time 3:00pm sharp.

SPECTATORS WELCOME

(Cheering for the faculty not necessary,
but do you want to pass??)

HOCKEY PLAYOFFS

Both the Math teams have made it to the playoffs; Math A will have already defeated the Rock & Dock Jocks by the time you read this (game was Thurs, Mar 1, 10pm) and **Friday March 2 at 4pm** the Math B team take s on Wally's Warriors. All the games are played at Moses Springer and there is more than enough room for fans to enjoy the game.

The B team earned their playoff berth last night when they finished the season with a 3-1-1 record.

MATH B 6 REC'EM DEC'EM 3

Math was already guaranteed a playoff berth before the game began, and Rec'em Dec'em, with only one win, had no chance of qualifying. The game was simply a warm-up for Friday's playoff game. The Rec team are physical and like to take the man. It would only seem natural that Wally's Warriors (aka THE FOOTBALL TEAM) will play a similar style. The Math team used their skating and passing to gain the advantage against the less organized Rec team.

continued on page 5

YOUR HORROR-SCOPE

(or The Twelve Signs of the Watizzat)

as told to Bunny, Exterminated Esq.

OUT OF ORDER

If you were born under this sign, you probably broke both legs when you were four, and your brain when you were three. Hangnails and zits have never failed to give you a nervous breakdown, resulting in screaming fits and severe convulsions. The only reason you're still around is because you weigh 3000 kg, and no one can be bothered to take you out to the garbage. Journey to hospital is probable, featuring men with white coats and nets.

PSYCHIATRIC HELP - 5c

You are a spineless jellyfish of a worm, and you have zilch in the way of character. Your pencils break, your pens dribble in your pocket, and you love Widget. You will see the little red-headed girl today and when you finally get somewhere with her you will wake up and find out it was all a dream.

THIS MACHINE DOES NOT TAKE NICKELS

You are a snotty-faced twit. You think you're so great and wonderful that all your decisions are supreme, when actually you have the disposition of an egotistical fink. Everything has to be your way. This week you meet an 18th level evil cleric and die!

YIELD

Maybe she will.

NO ADMITTANCE - STAFF ONLY

Maybe she won't.

NEXT WICKET PLEASE

Your horoscope didn't make it for this issue. Please refer to the next sign's horoscope.

NO PETS ALLOWED

You're a little emotionally immature for your age; you've had to change the sheets three times this week. You have fleas because you only wash once a month, and the only reason you have a girl is because you wear a Harts' 2-in-1 collar. This week your wildest sex fantasy will be fulfilled when you're taken for a walk in the woods.

faculty notes



KEEP OFF THE GRASS

If you were born under this sign, you are a member of a large corporation and do you have problems. Everytime you try to advance, someone always cuts you down, or some young sprout moves in on your territory. Today, you will get a visit from someone born under No Pets Allowed.

VACANCY

If born under this sign you were forced by your father to get a crewcut, and by your mother to get a permanent. You ended up with a head covered with minnifrizzies. Your life's dream is to bring happiness to the world by inventing peppermint flavored envelope glue. Tomorrow, you will have unrelentless joy when you have stuffing instead of potatoes.

NO SMOKING

You will go on a game show and win an all-expense paid trip to fabulous Ottawa, where you will meet the Surgeon General who will declare you hazardous to his health. Your date will then run off with him, leaving your life forever. Convinced you are a pestilence to the world, you commit suicide. You fool! This sign will forthwith be cancelled next week. Besides, you shouldn't smoke anyway.

THINK

Important decisions seem to be required in abundance today. This morning you had to choose between clean and dirty underwear; this afternoon you have to choose between red and green ink for underlining; and tonight you will have to make a choice between The Muppet Show and Laverne and Shirley.

BOOK RETURN

If you were born under this sign you were probably 6 weeks overdue, and at age 4 you ran away from home with a tear in your back flap. Today you will receive a telephone call from the library informing you they are holding your family hostage until you return those library books, all 32,642 of them. You stalemate them by threatening to set fire to A to F if they try anything. Find out what happens to G to M and their entire card index tomorrow!

Pre-registration Next Week (March 5-9)

Details are posted throughout the Math building (pale blue flyer). Instructions and course offerings lists are available in the Math Undergrad Office (MC 5115); calendars are available from the registrar's office in Needles Hall. *You will need your latest winter '79 timetable form to pre-register.* Replacements for last timetables may be obtained from the registrar's office.

Co-op Openings

Year 1 Regular Math students interested in transferring to a co-op math programme should pick up an information sheet outlining the possibilities from the Math Undergrad Office (MC 5115). This information should be consulted **BEFORE** pre-registration is completed.

Apply Now for Fall Term Marking Jobs

Upper year undergraduates in an Honours programme are encouraged to apply for marking jobs if they have an overall average of at least 75% and at least 75% in the course(s) they wish to mark. Application forms for these positions (usually 30 per term) may be obtained from the receptionist on the 5th floor of the Math and Computer building. The duties involve approximately 3 hours/week for 11 weeks. The salary is \$225.00 payable at the end of the second month of term.

AAAAAAAAARRRRR
RGGGGgggggggggggg

This article (the) of irrelevant (Karen can't spell) and useless information (trash) is brought to you by the same people who brought you that great (well almost great) article, **Prezz Sezz**. I thought that this week I would write about the scientific (if you can believe that) methods of choosing a series of six random numbers (sounds almost picking numbers in a lottery doesn't it?). Of course, to be truly efficient, these random numbers should follow some sort of pattern to maximize the chances of winning.

The first method, as any good mathie would tell you, would be to set up a random number generator of some sort. The problem with most random number generators, though, is that the generators on a computer need some sort of a seed to start the generator and each seed will give a certain string of numbers. Now the only problem is how do you chose a random number to start the programme???? (sound like you're running around in circles!!) Of course a simple method of making a simple generator (sounds simple) is to cut up "x" pieces of paper all number from one to "x" and then choose your random numbers. Although this may sound childish it did create a winner in the last Lotario Draw.

A more scientific method of chosing these numbers (at least according to some people I know) is to copy down all the past winning numbers and then find out which of the numbers appear the most. It is obvious (or is it) that since these appear the most they are more probable to appear again. As far fetched as this may seem, I have heard alot of people say that it is best to pick a certain number because it appears more times than any other number, in fact if my memory is correct, there was a news story last week on the television about a group of people that claimed you had a better chance if you didn't pick a certain number (I wonder how many people believed him????).

Another method of choosing numbers is, in fact, the exact opposite to the last method (sounds stupid, right?). Instead of picking the numbers that appeared the most, you basically pick the numbers that appeared the least. Everybody knows that each number has a equal probability of appearing and if one number has never appeared at all then that number should have a greater probability of showing soon. I was told a little story today about a roulette wheel in Monte Carlo that hit red 23 times in a row (someone finally told it that it should fall into the black once).

Believe it or not, this world is governed by a great force (hint: this may have to do with religion) who fairly decides what the outcome of all activities is to be. Now the first requisite of being such a superior power, was to be as fair as humanly (contradiction of terms) possible. As this power had some biases, he (a man of power, obviously) decided that to be absolutely fair he should have a big fish bowl in which he placed sheets of paper upon which half of them had "yes" printed on them and the other half, "no". When it came time to decide something he simply drew a slip and read the answer and discarded the paper. Obviously the more times a yes came up the greater the probability that the next answer was a no. This then explains why it is far better to choose a number that has never appeared before.

As for you unscientific people (like art-sies), it is clearly stupid to choose your lucky numbers because such a choice will immediately lessen the numbers you will choose from (obviously you won't pick numbers which aren't lucky such as 13) which will give the computer a greater chance of picking a number you didn't. (If you beleive this I happen to have a nice peice of swamp land in Florida I would like to sell to you).

Now for all you lottery fans, you can use this simple guide to help choose your next ticket. Like any good sports columnists (which I'm not) I will give you the favourites in the next draw. They are: 3,27,16,9,21,14....(I don't think they will win any money so don't try them).....Till next week.

Federaction

First of all I must make two clarifications in regards to last week's article. What was printed as "properly elected vice-president" should have read "popularly elected...". Also I'd like to make it clear that Mr. Wigglesworth should chair the Board of Entertainment, whether or not he is appointed Vice-President.

Last week I mentioned the refusal of Rick Smit to sign a petition regarding the National Union of Students. The petition asked that a referendum be held (the same day as the other referendum) in regards to the Federation's future membership in NUS. Last Thursday I finally got the petition signed by the acting chief justice Mark McGuire. However, after a small response I withdrew the petition this week. This does not mean that I still don't find NUS to be rather useless, I still believe it

so. However, from my conversations with students, it appeared to me that few of them knew what NUS was, let alone have formed an opinion about it. More information is needed before a referendum on NUS is held. I would advise that if a referendum is held regarding an increase in OFS that OFS fees should be increased and NUS dumped.

It appears after two weeks that Redding and Barkman have now gotten enough signatures to force a referendum on a fee for the Imprint. Interestingly, they don't ask for office space (they already have half of the Fed offices in CC140) and they do not precisely ask for "official" status. Also they are asking for a \$1.75 per term fee, 25 cents less than the chevron. It is interesting that a paper like the Imprint that used to boast that it was funded solely by advertising revenue wants a fee like the chevron had. A paper that once was the model of volunteerism on this campus wants to pay salaries. It would seem that with the increased ad revenue that the Imprint would receive from their probable membership in the Canadian University Press, that they would be in less financial trouble. However they say that is not so. Enough for newspapers for now, I hope to continue this subject in depth in the March 16 issue, the week before the referendum.

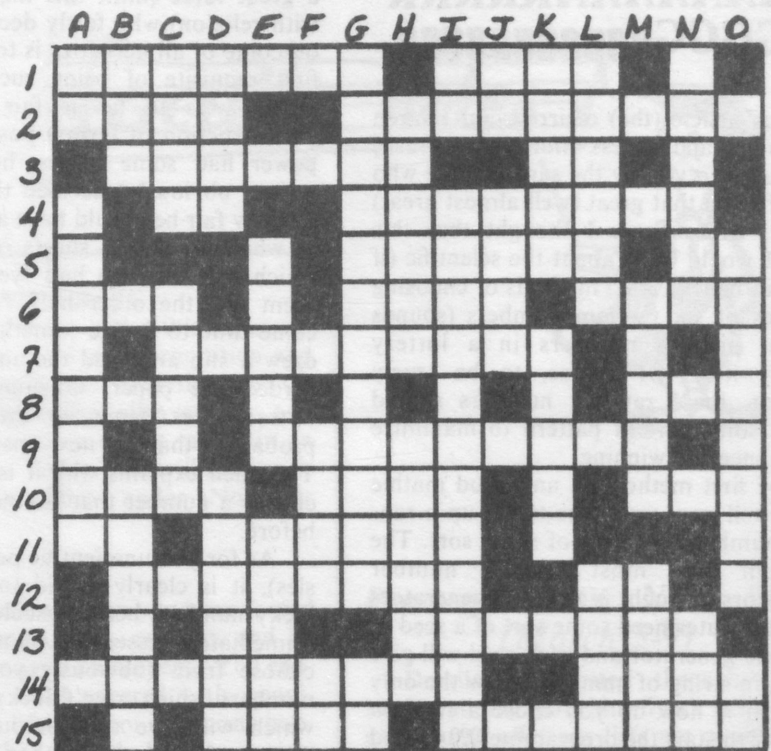
The hack of the week this time is Ken "KG" Dykes. Cagey as he's known to his friends, is best known for being the treasurer of the CSC for the last few terms. KG has been known to spend many an all-nighter on the computer. Sometimes he plays games, but he also has done typesetting work for the ever-popular RJBeach. Ken is considered to be a bit of a rabble rouser at times in Mathsoc council, but this rousing is always done in a polite manner.

A few final notes: For the first time ever a woman is running for Engsoc President. It will be interesting to find out the reaction she gets. Congratulations to the newly-acclaimed Mathsoc executive and council; Condolences to ISA president Harrinder Sohal, who lost the only contested election in the Grad Club. And to Rick Smit, goodbye, wherever you are...
jjlong

This weeks gridword was done at the last minute by your illustrious editor. Last week we evidently only had one solution to last weeks but one, from Noel Zeldin. Comments, suggestions, and submissions find their way to **mathNEWS** by being put in the gray box on the third floor or being brought to mathsoc.

Across

- 1a Break in pieces (7)
 1i Beginning of scarf writes plays (4)
 2a Eight points in a row (4)
 2g The right answer is wrong (9)
 3b Make captive and subordinate at the end (7)
 3k Knight's word (2)
 4c Cockney headdress (2)
 4g Lead to being supplied with appendix (7)
 5g Run off the track, broken up, and put back (6)
 5n What's that? (2)
 6a What you have in Quebec (3)
 6g Idiot ape (4)
 6l Father a lordling (4)
 7c Very valuable, despite appearances to the contrary! (9)
 8a Possibly gold? (3)
 8m Reversible painkiller (3)
 9e Budgerigar (9)
 10a Sounds like my future in isolation (4)
 10f Caesar's downfall (4)
 10m I was (Latin) (3)
 11a Expressing contentment (2)
 11d Swiss singing (6)
 12b Roman litany (3,5)
 12l Afterthought (2)
 13d The article (2)
 13h Yellow accompaniment to albumen (3,4)
 14a What 98% is (4,5)
 14l Sweet and moneyed (4)
 15d Tight sounding lesson (4)
 15i Programme emulating ghost (7)



Down

- a1 Stop Lying (2)
 a4 An S.S.R. (8)
 b1 Ancient go (3)
 b10 Omar of Russia (6)
 c1 Cheap girl (4)
 c6 Charming words (5)
 d1 Examine or prove (4)
 d10 Permission reduces the eye (6)
 e5 Pinch (5)
 e11 The end of the beginning and the end (5)
 f9 A helpful opera (4)
 f14 Royal Utensil (2)
 g1 The officer changes his mind and does things backwards (7,5)
 g14 Suitable suit (1,1)
 h2 Bang in again (6)
 h9 Depended on another falsehood (6)
 i1 Silly Rick (2)
 i4 A long song by Al (4,8)
 j1 Goes with Hwang (2)
 j4 High mountains (4)
 k1 Girl in Best Film (5)
 k7 A blessed gift when tired (5)
 l1 Swings, as a sword (6)
 l12 French pig (4)
 m6 Endemic in the meal (5)
 m12 Make a cut (4)
 n1 T.S. Eliot set it in a Cathedral (6)
 n13 Kings College, Ruislip (3)
 o5 Burial place ends the slaughter (8)
 o14 The Man (2)

GRIDWORD

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	D	E	L	I	C	A	T	E		A	D	D	E	N	D
2		O		O		I	C	Y		N	O	R	A		E
3	U	R	G	E	S		R	O	C	K	M	U	S	I	C
4	B	O	A	R		S	A	M		L	O	N	E		R
5	L	O	R	I		A	N	O	D	E			D	O	E
6	E	M	I	N	E	N	T		S	T	I	R		N	A
7			T		L	E		D		S	N	I	P	E	S
8	C		H	P	A		S	I	C		D	E	A		E
9	A	I	M	I	N	G		D		A	I		R		
10	S	I		E	D	A	M		P	L	R	S	T	I	C
11	S	I	S			M	I	L	L	E		E	I	R	E
12	E		P	R	I	E		I	E	S		S	T	A	N
13	T	A	R	A	N	T	V	L	A		S	T	I	N	T
14	T		A	C	H	E			S	E		O		A	
15	E	S	T	E	R	S		S	E	N	T	I	N	E	L

A SOLUTION - FINALLY

continued from page 1

Neveo Leon started the first half scoring spree after only three minutes. Math Captain Mark Carruthers doubled the score (and his year's output) on the next shift, making it 2-0. Rec got on the scoreboard, but Carey Donkervoort got that one back on a set-up from Bob Valentine. Rec then closed it to 3-2 on a screened slapshot that had goalie Frank Giblon handcuffed; a minute later John Whitmore got the two goal margin back.

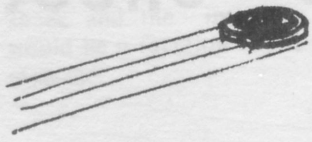
Those six goals were scored in eleven minutes, then the pace slowed. The half ended quietly with Math holding a 4-2 lead. Notably there was only one penalty in the half, amazing considering the amount of activity on the ice. Both teams did little more than was necessary in covering their opponents.

Rec woke Math up at the start of the second half with a fast goal, trying to build some momentum. Their momentum died the next shift when Harold Tohana made it 5-3 and soon after Carey got his second goal of the game to close out the scoring at 6-3. The remainder of the game wasn't boring, but there wasn't any doubt on the outcome. Rec was never able to sustain any pressure long enough to make it look like they could possibly tie the score. Math's offence had numerous scoring chances and those empty net misses will be costly if they happen at the wrong time. Neveo had two excellent chances late in the game, the first when he outmanouvered the goalie on a breakaway only to slide it wide of the net, and the second with only thirty seconds remaining, a one on one play where he left the defenceman standing

still. Unfortunately his breakaway was thwarted when the Rec team captain, in the true spirit of sportsmanship, delivered a two-handed axe swing to Neveo's ankle. That prevented the breakaway and the game ended before Math could put the power play into effect.

Both Math teams this term have performed well throughout the season. The B team was assessed their first major penalty in last night's game when the referee decided that an accidental high stick was to be called in conjunction with a Rec player holding the Math player's stick. The rules state that any major penalty in the last five minutes results in a game suspension; now one of the guys will miss the opening playoff round. Exceptions to those rules don't exist but it is questionable in that case were minors to each player were what they deserved and what should have been called.

As far as support goes, a special thanks to the few people who venture out at those wierd hours to watch the games. Now that it's playoffs how about visiting Moses Springer Arena just once. Of course, when the Mathies win you'll have to come out again...hockey teams can't afford to lose good luck charms.



DEAD RINGERS

That's the name of our floor hockey team. Yes, we do have a team; the mere fact that nothing has been written about them this term simply means that I didn't get to view any of their games (can't write what I can't see). They play their games at the Seagram gymnasium on Tuesday nights, the same night as our hallowed **mathNEWS** production, and that's my feeble excuse.

Today their game time was 3:45 and I ventured forth to be the timekeeper and mild mannered **mathNEWS** reporter. Seven guys showed up for the Dead Ringers while the Absolute Zeros had fifteen. (Despite the disparity in numbers I was positive my presence on the floor wouldn't have made any difference) It soon became obvious that the Ringers knew what they were doing. At 1:03 of the first half Steve Sullivan scored to put our guys in the lead. His actions were followed by George McClintock, Pete Doll, and Kelvin Martin, to lead 4-0 in less than 11 minutes.

The Ringers were undefeated going into this game and kept their record intact with the insurance help of three more goals by Pete Doll. Half time saw them with a 6-0 lead, but a manpower problem; Steve Sullivan had injured his hand shortly after his opening goal. He continued to play but was unable to hold the stick or shoot properly. That left no reserves on the bench, so while the Zeros were changing lines every few minutes the Ringers had to keep on going without a break.

Rick Cook had been making the opposition aware that someone was on the defence for the Ringers. His solid bodychecks brought forward motion to a halt for several of the Zeros and kept the front of the net clear for goalie Bob Thorn. Unfortunately the referees saw a little too much aggression in two of Rick's plays and he ended up in the penalty box twice in the second half. On both those visits the Zeros took advantage of the extra man to get their only goals of the game. Pete scored his final goal between the two penalty situations.

Final score 7-2 for the Ringers, their season ends with a record of 4 wins, 1 tie, and NO losses. Their playoffs start next week, probably March 6. Anyone who has played two games with the Dead Ringers this term is eligible for playoff competition. Chuck, George, Kelvin, and the rest are good at their game, but a rest now and then wouldn't hurt, so if you can join in the playoffs just let George McClintock, team captain, know about it.

MARCH 1981

Sunday mar 4 Car Rally

**Monday mar 5 Pinball Tournament
Cribbage Tournament**

Tuesday mar 6 Euchre Tournament

**Wednesday mar 7 Wine and Cheese
Paper Airplane Contest
Bridge Tournament**

**Thursday mar 8 Slide Rule Contest
Watsfic Movies**

**Friday mar 9 Table Hockey Tournament
Backgammon Tournament**

Saturday mar 10 Math Grad Ball

Watch the non-smoking lounge

window for more information

and sign-up sheets

CSC Flash

Last Thursday, the Computer Science Club was proud to host a talk by a former president, the one and only Richard J. Beach. The title of the talk was "Computers in Publishing at UW", and concerned itself mostly with computer typesetting facilities.

The meeting started earlier than expected (only 3 minutes late instead of the usual 10), as our beloved president, R.L. Biddle began going through the usual administrative drudgery: announcements, and his joke-of-the-week. We had a little trouble with the Dalek, who insisted on taking a few shots at our speaker, but eventually this ceased, and the talk began.

Mr. Beach began by listing some of the typesetting facilities currently available on campus, both in software and in hardware. Several examples of these were given, including the Photon Econosetter, and the program PROFF, both of which are used by **mathNEWS**. All our facilities share one characteristic, however: The shape of the characters is determined by a negative image thereof, located on a glass disk, which is projected on photographic paper by various optical systems. To get a new character set on these, you buy a new disk, which requires a very large financial outlay. However, a system in which the characters are drawn on the face of a CRT by a computer, with this picture projected on the photo-paper, was described. Testing and development are being performed on such a system in Toronto, and some of this work is being done by local people, including RJB.

Our speaker went on to describe a group known locally as the "Typesetting Task-Force", who are studying the facilities available at UW. The purpose of this group is to attempt to co-ordinate the efforts in software and hardware development on campus. It appears that TROFF (a close relative of PROFF) is to be the formatting program which will be supported officially. The preferred hardware has not been determined as of yet.

The meeting then adjourned for tea and doughnuts, after (and during) which a few people chatted with Rick and examined various samples that he had brought with him. Many people who doubted the quality of the CRT-produced characters were convinced when they were incapable of seeing any ragged edges on the characters, even with a magnifying glass.

Out next meeting will be held **Wednesday**, March 7th, 1979, at 8:00 PM in MC5158, when Dr. Morven Gentleman, director of the Mathematics Faculty Computing Facility, will speak on "The MFCF: Past, Present and Future", or some such similar thought. Teas and doughnuts will be served, and all are welcome.

kpmartin

Some Colourful Thoughts

Recently a bunch of buddies and I were sitting around talking as we are often wont to do about computer graphics. The topic of colour graphics came up and after a bit we started talking about colour-coded text. Some interesting possibilities came up in the conversation and I've thought of some others.

First of all it should be pointed out that not everyone can reap the benefits of colour-coded text since a lot of folks are colour-blind. But for the others, consider:

colour-coded program mods. Each addition made to a program could appear in an attention-getting colour that would fade in intensity with time, or better yet, with each rev. (the newest revs. appearing at highest intensity).

colour-coded debugging. Highlighted mods would be most useful when debugging. Also, portions of a program could be flagged for tracing with a 'trace-color'. The person debugging a program would simply paint lines of code, or portions of them (eg variables or formulas under suspicion), with the trace-colour. There might be several shades of the trace colour and the comprehensiveness of the trace would be determined by setting a threshold colour intensity.

colour-coded computer console output. Anyone who has had to pour over reams of console output looking for one crucial message can appreciate the savings that could be realized by colour-coding. Messages from each element of the operating system would have it's own shade and the intensity of the colour would be a function of the urgency of the message.

colour-coded indentation. Hopefully we won't have to wait much longer for indentation-sensitive compilers that determine the scope of a control structure by examining the number of spaces at the beginning of each line. Such indentation is part of the hallmark and power of structured programming, but it has it's drawbacks. Some screens can't hold many characters. Using fewer indentation characters at the beginning of each line of code, in order to maximize the number of non-indentation characters, leads to ambiguity and confusion as the level of nesting grows large. Now, consider a colour bar across the top of the page/display. Coding source in accordance with this colour-indentation legend would allow one to use minimal indentation without introducing ambiguity.

colour-coded text in general. Think of the fun that people like scriptwriters could have with colour-coding. The actors could be assigned colours and all their lines would appear in that colour; colour-cuing. The lighting technician would get a script coded with the stage lighting to be used throughout. The referees for red army vs blue army war games would receive appropriately coloured scenarios for the comedies that they direct. Poets could write poems with emotion-to-colour pseudo-colourings (also known as colour-lookup, this technique amounts to paint-by-number or in this case paint-by-emotion). The correspondence between the colour of the verse and the emotion attributed to it could be based on the findings of Dr. Luscher of "The Luscher Colour Test" fame (a psychological test that uses colour preference to determine state of mind).

colour hardcopy. Ink jet printers are coming onto the market. A company named Applicon has developed and is marketing one that uses 3 primary colour jets to achieve 15,625 different shades. Resolution is 127 dots/inch which is more than twice that used for black and white newspaper pictures. Even colour offset printing uses screens with smaller dot densities to achieve virtually any shade conceivable.

and on and on ...

I would be interested in any comments from the readership. Send Honeywell mail messages to userid jherzig.

John Herzig



Wanted: House or townhouse second year students (4 or 5) would like to pick up the lease on a house or townhouse in either Kitchener or Waterloo preferably in September but would consider this summer if the price is right. Please contact Laurie at 884-6756

For Sale: Fender Stratocaster and Fender Twin Reverb Amp. Together or seperately. Phone: 886-7209

In Stats Prof MacKay tried to show
The exact calculations (by row);
The reductions, he said,
He could do in his head
But in our heads he could not do so!

A puzzled expression he wore,
As our Algebra prof strode the floor;
"...But a proof just exacts
A collection of facts!"
He impressed: "You need write down no more!"

Ye Masthead:

This week the photonning was done by phil, me, and kevin, with some assistance from sonja (the operator) who refilled the film into the photon. Layout was a compendium of assistance, with david, kevin, john, geoff, doug, steve, walter, ken and others hardly worth mentioning who dropped by throught the night, This week's writers were: me, karen, doug, david, geoff, jj, kevin, john herzig. Robert biddle provided the gridword header. Helene made the gridword blank. Javan, walter and I did the graphix.

Announcement: The Warrior's Band is sponsering a Bus to Windsor for OUAA west division basketball final leaves the CC at 3:30 returns abt. 1:30 am. The cost is \$11 not incl the ticket. Tickets available at the PAC or call Steve 884-4509.

Kathy did typing last week which I forgot to mention. Jan did some this week. Mr John Bullen provided Faculty Notes this week and last, the former having been inadvertantly left out. I now have to start studying for a midterm tomorrow, despite the time (11:40, 12:10 in Newfoundland, 11:44 Gcos time). Bye! Andrew Malton mad editor signs off.

Late note: Walter points out that I have never credited the subscription editor in the masthead. Here goes: Shy is the subscription editor and she has been sending out the off-campus issues since the beginn9ng of term without credit, but without complaint. Walter claims cr dit for licking stamps now and then.

Sorry!

In last week's article on Calculating Progidies (sic), I forgot to mention that in determining the day of the week on which a certain day fell, you have to go ahead one day if the year is a Leap year and the month is after February. You know it's a leap year if the last two digits are evenly divisible by four, obviously, but there are exceptions which are irrelevant here since I haven't said how to determine the date in another century. Anyone knowing any other mental tricks is invited to mail them to me.

sahayman

BLOOD DONOR CLINIC

March 15
3rd floor lounge
from 10-12 and 1:30-4

Waterpolo Game

March 4
at
6:05
See you there

A Pinball Extra

In the rules listed in last week's mathNEWS about the Mean Pinball tourney, there were a few omissions. They will be outlined below.

1. In the even of a malfunctioning machine, the decision of the judges at the time of the malfunction will be final.
2. Judges will be hopefully wearing some recognizing badge.
3. A record will be kept of each player's qualifying scores.
4. Last week's rules do not end at number 3. Numbers 4 and higher are on page 6 (There was no "continued from").
5. If you wish to play a game and no judge is present call MathSoc at 886-0510 or the convenor at 886-2319.
6. The tournament officials will try to ensure that each entrant gets in two games (one on each machine) before Monday morning at 8:30 am.
7. Each player will only be allowed one extra game on each machine to improve his/her score at the cost of 25 cents per game. (A change from last week's rule.)
8. The fees are changed to 50 cents for Mathsoc Fed members, 70 cents for MathSoc or Fed members only, or 90 cents for others.

Bridge Tournament

Wed. March 7
\$1.00 entry fee
All entry fees will be returned as prizes
Bring a partner or meet one there!!!