Games Museum

A new exhibit entitled "From Pong to Pac-Man" recently opened at the Museum and Archive of Games in B. C. Matthews Hall. The exhibit includes examples of the earliest (primitive) video games like Pong, and features an array of arcade games, and other electronic games.

Sharing the museum with the electronic games is an exhibit of playing cards from Europe and North America.

This exhibit is open to the public from 0900 to 1700 Monday to Friday. Admission is free.

Progress is advanced by taking incorrect theories and replacing them with more subtly incorrect ones.

math NEWS

Volume 29 Number 2
Friday, June 18, 1982

WATSNEW with WATSFIC

WATSFIC, the University of Waterloo Science Fiction Club, has begun another term. WATSFIC is a non-profit organization living in MC 3036. Memberships cost a mere $1.00 and carry the benefit of being able to sign out any of our 400+ books and many games. It also gives you the dubious right to vote at any meeting.

Five meetings have already been held this term (they're regularly scheduled for Wednesday nights, 7:30 pm, MC3032 or MC5158). The Spring Executive have already been elected, with the positions being filled as follows: President - Dave Sweeney; Treasurer - James Nichol; Secretary - Mary Drake; Secretary of War - Gerry Smit; Key-holder - Brian Dorian.

As well as being a science fiction & fantasy club, WATSFIC also doubles as an underground games club. Players and referees for almost any role-playing game (such as Dragonquest, Traveller, Dungeons and Dragons) can be found here (there are also a few die-hard boardgamers who show up from time to time). WATSFIC will probably hold a D&D Tournament sometime this summer (probably the weekend of July 10-11, if you're interested, let us know).

WATSFIC will also be aiding (at least a little bit) in organizing groups of people going to the major conventions this summer (Worldcon, Hexacon, Gencon, etc.). Again, if you're interested, drop by the office, MC3036, and ask.

All in all, it looks like it could be a fun-filled summer, so drop by or come out to meeting, we'll be looking for ya!

MathSoc News!

Extended Office Hours

Yes, MathSoc is now open 200% more often than ever before this term! Regular office hours are now 9:30 am to 12:30 pm Monday through Friday. We still need volunteers to keep it open longer; now's your chance to help out! We are your Society trying to work for you.

F82 Watpubs

Anyone interested in running this fall's Watpubs in Toronto, Ottawa, Montreal or Calgary please contact Steve Lightstone (CAPS) at 742-1792 ext 254 or the MathSoc office (MC 3038) at ext 2324.

Road Trip to Guelph Campus

Yes, MathSoc is sponsoring a road trip to Guelph! Free bus tickets are available (or soon will be) at MathSoc; you buy your own drinks. A maximum of four tickets are allowed per person. The tentative schedule has buses leaving UW campus at 7:00 pm sharp on Friday, July 9, with the first stop at the Brass Taps from 8 pm until 1 am, and continuing at the All-Niter in the Bull Ring from 1 am until whenever you want. UW student identification is required. For more information, drop in to the MathSoc office.

Dean's Honour List

The following students graduated on the Dean's Honour List at the Spring Convocation on May 29, 1982:

Joseph G. M. Boileau
Jeff R. Brubacher
Wayne M. Eberly
Sheldon Epstein
Gudrun Freter
Jonathon R. Gross
Judy M. Hess
Gary J. Hooper
Steven G. McDowell
Mark S. Munday
Mark N. Noskiewicz
Fred W. Pries
Gordon J. Sinnamon
Michael J. Stephenson
Kenneth W. Sulston
Bradley S. Templeton

The following students were named to the Dean's Honour List in recognition of outstanding achievement during the Winter 1982 term:

S. E. Adams, S. D. Allen, B. E. Arbogast, R. A. Athey, P. W. Baron, M. C. Batten, R. C. Black, D. G. Boettcher, R. J. Boettcher, G. C. Bourne, W. L. Brierly, E. B. Bright, S. G. Bright, J. J. Brown, W. R. Brown, J. R. Brubacher, L. Brunet, E. A. Cafferty, C. K. Chee, P. C. A. Chee, E. L. Clark, B. I. Cope, R. J. Cremasco, J. G. Dagg, J. F. A. Dahms, B. P. Delaney, L. A. Delaney, W. M. Eberly, M. S. E. Engel, S. Epstein, T. F. Fairgrieve, N. A. Favron, P. A. Fong, J. L. Fraser, W. J. A. Fyfe, G. A. Gibson, C. C. Godfrey, G. S. Goodes, E. M. Graham, J. R. Gross, E. F. Hagon, W. F. Harrison, S. A. Hayward, F. L. Heng, J. M. Hess, M. E. Hirabayashi, N. M. Honda, B. W. Hooey, D. G. C. Horrocks, W. P. Hughes, W. B. Johnson, E. F. Kelly, G. J. Kiessling, J. L. Kirton, P. R. Labossiere, M. Y-H. Lai, K. G. Lamb, N. L. Lavallee, M. G. Leduc, A. Lee, W. F. W. Lee, F. A. Lenney, G. H. Lesage, H. K. Y.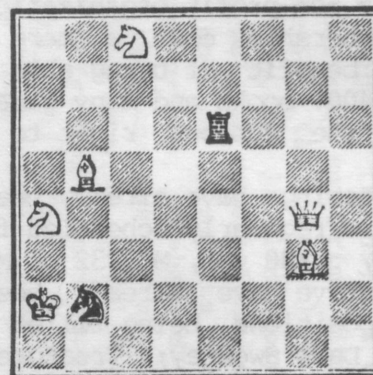 Leung, Y. Y. Leung, A. J. Lill, C. H. Lim, M. L. Lim, J. M. Longarini, S. L. F. Lun, E. A. Lycklama a-Nyehold, J. G. MacCullogh, D. P. Maier, B. D. Makarchuk, P. D. Manson, R. Marion, R. McCourt, S. G. McDowell, J. C. Mooney, R. E. Moroz, A. J. Morton, M. S. Munday, J. N. Murdoch, K. M. Neufeld, M. D. Novak, L. J. M. Ouellette, B. A. J. Parent, P. E. Paroian, T. A. Perlman, D. A. Permezel, J. H. Puttick, A. J. Quick, P. Savich, J. B. Somerville, M. E. M. Stewart, K. W. Sulston, S. Summers, C. C. Sung, R. H. Szeto, E. Tam, D. W. Till, D. C. Tonogai, M. A. Trick, I. J. Van Cruyningen, P. Van Oorschot, D. J. Voll, R. M. Voutt, B. J. Wallbank, H. Y. Wang, M. W. Whitmore, N. B. Willms, J. C. Wilmot, E. G. Wilson, B. B. L. Wong, H. Y. Wong, M. K. C. Wong, W. V. Wong, L. C. Wormsworth, C. C. S. Yu, R. F. Ziegler, U. M. Zugelder.

Our congratulations and wishes for success go out to all of you.

CRYPTIC CRYPTOGRAM ANSWER TO LAST PUZZLE

If man were meant to figure in hexadecimal God would have put eight fingers on each hand.

jcwinterton

CHESS PUZZLE

White to play and mate in two.

Theatresports!

Yes, Theatresports fever has hit the mathNEWS staff! The debut of the first (to my knowledge) almost all mathNEWS Theatresports team will be made Friday, June 18 at 9:30 pm in HH180. The team, appropriately named "Markov's Chain Gang", will be facing as yet undetermined oppposition in a fast-paced improvisational theatre challenge. Team members are David Till, James Puttick, Rod Currie and captain Jim Jordan. Come out and support them (or the opposition—it doesn't really matter; we're all in it together) as they play their first full-length game. Admission is only 75 cents for Fed members and $1.00 for aliens. Theatresports is sponsored by the Creative Arts Board of the Federation of Students.
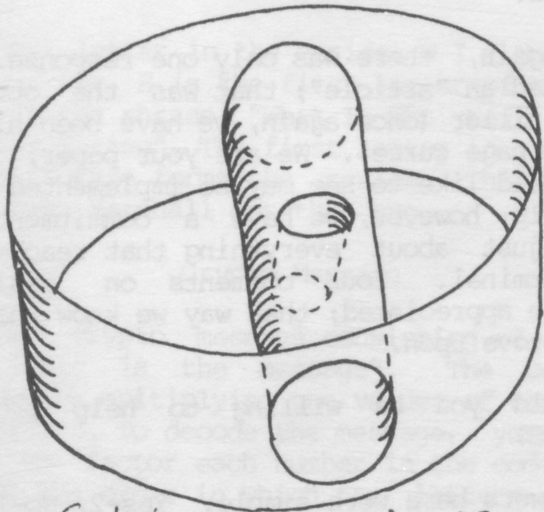
If you have something for sale, would like to buy something, want help with something or want to pass a message on to someone, and would like to make it known, we at mathNEWS would like to help you. Simply write what you have to say on a piece of paper, sign it and print your name, student id and phone number below your signature. Then drop the paper in the (presently) black box across from C&D on the third floor. Voila! It will then reappear (magically?) in the next issue of mathNEWS.

We will accept only personal ads and reserve the rights to edit and refuse to publish any ad. All ads must be submitted by the deadline posted by MC 3035 and around the building.

Honeywell users may submit ads through the mail facility. Simply mail your ad to userid mathnews.

HOLES

How many holes does this object have?

Solution next issue.

mathNEWS editor's log: stardate 8206.15
Report: Pasteup finished at 2207; masthead writing session begins at 2311. This issue's contributors: Gerry Smit (i think), Dave Leibold, whoever sent in the 'holes' submission, Neil Campbell, Glenn McFarlane, yours truly (William James Jordan), and our long-time

The Questionnaire Continues...

Please take the time to answer this questionnaire and drop it in the box across from C&D on the third floor. Your comments and suggestions may well shape the future of mathNEWS. Any suggestions for change or improvement would be appreciated.

1.   Did you like this issue of mathNEWS? Why or why not?

2.   What would you have done to improve this issue?

3.   List, in order, the three items you enjoyed the most from this issue.

4.   List, in order, the three items you enjoyed the least from this issue.

5.   What would you like to see more of in mathNEWS?

6.   What would you like to see less of in mathNEWS?

7.   Would you be willing to help produce (write, paste up, etc.) mathNEWS? If yes, please write your name, address and phone number on this page as well.

Your responses will be summarized and printed in the next issue (if there is a next issue) of mathNEWS. I would like to thank the three (yes, only three) people who took the time to fill out last issue's questionnaire. Your answers and suggestions will be considered and accepted if we think they are constructive.

writer who has left the university, the honourable John C. Winterton. Thanks for all you've done for mN, John. Recommended with highest honours for membership in the mathNEWS hall of fame. This issue's production staph: James H. Puttick, production manager; David Leibold, unused graphics; Glenn McFarlane, dedicated layouter; David Till, latecomer (he missed all the fun); Jim Jordan, editor. Beam me up, Scotty--no signs of intelligent life. Good night. WJJ

Questionaire Results

Once again it is late and I am sitting at a terminal trying to decide what to write about this issue. I guess the questionnaire results would be an appropriate topic. Here is a summary of the results.

1. Did you like this issue of mathNEWS? Why or why not?

Answers ranged from 'yes' to 'OK'. One person suggested it was nice to see a Math faculty newspaper; another said it was the "usual mathNEWS quality". I have just one question: Why do people say it is "usual mathNEWS quality" when I find every issue somewhat unusual?

2. What would you have done to improve this issue?

To put it simply, readers wanted more. More funny articles (could anyone out there who is reading this submit some please?), letters (the mailbox is available to you all), cartoons, puzzles, and WATSFIC and CSC news (I've been in touch with them—it's just a matter of waiting for something from them). Here's your chance to become a mathNEWS staffer—just write something you think we could use.

3. List, in order, the three items you enjoyed most from this issue.

I received a few interesting answers to this one. The four most popular items in the issue were, in order, the puzzles, "Of Lettuces and Prime Ministers", the masthead limerick (!) and the events calendar. Other items mentioned were the cartoons, "Words: For Edification and Amusement" and the notice from the office of Dean J. Alan George. Your contribution could be in this list for the next issue—don't hesitate to write something for us!

4. List, in order, the three items you enjoyed least from this issue.

The answers were not truly representative here as only one person responded with three items. What was mentioned, however, were "Platter Spatter", the lack of cartoons, blatant filler (on the front page, too!), "Of Lettuces and Prime Ministers" (it goes to show that you can't please everybody) and the lengthy masthead (I'm thankful it wasn't any longer!). Once again, your comments and criticisms are appreciated.

5. What would you like to see more of in mathNEWS?

People wanted more news of MathSoc happenings. Right now, a few volunteers are keeping the office open for a little bit each day, and mathNEWS is the only other sign of MathSoc activity. The executive is on work term (remember the constitution scandal last fall that was to prevent this from happening?), and so are predisposed. If anything happens, I'll publish it.

People also wanted information on the Mathletics (intramural) teams and course descriptions similar to AntiCal. Unfortunately, something like AntiCal is beyond our resources right now; we have neither the staff nor the resources required to undertake so massive a task in so short a time. I would appreciate any "student's-eye views" of courses they are taking or have taken for a brief round-up of electives available to the incoming F!rosh for the Frosh Issue. Other items people found lacking were opinions, commentaries and puzzles. Once again, a few people can not write everything everyone wants.

6. What would you like to see less of in mathNEWS?

Once again, there was only one response that mentioned an "article"; that was the obvious space filler (once again, we have been hit by the 7/8 page curse). We are your paper, what you would like to see may be implemented with your help; however, we have a commitment to print just about everything that reaches my desk/terminal. Your comments on dislikes would be appreciated; that way we know what we can improve upon.

7. Would you be willing to help produce mathNEWS?

The answers here were simple: Yes-2, No-1.

Thanks go out to all three people who answered the questionnaire (I told you the results may not be representative; however, they ARE people so when I say 'people say' I mean it). Anyway, we still need your help. The deadline for the Frosh Issue is July 16—that way we can paste it up for mail-out in early August. I don't want to have to sabotage old issues for material. Please write something that you think will help the frosh get along during the Orientation week and their first term at UW. Thanks.

CRYPTO-FIND solution

Puzzle Solutions from Last Issue

Here are the solutions for the various puzzles presented in the last issue of mathNEWS.

Letter Series

The next letter in the series, W I T N L I T ? is S, for S is the first letter of the last word in the phrase, "What Is The Next Letter In This Series". The first letter in each word in the phrase forms the series. Think about it! Lynn Marshall got this one.

Crypto Message

The crypto message consisting of numbers is, "This is the message". The code is created by multiplying the values of each pair of letters. To decode the message, you would have to factor each number in the code, then decide the order in which the letters should be placed. Lynn Marshall got this one, too.

Crypto-Find

As many of you are aware, last issue's Crypto-Find had an error, namely that the clue "Dreams" should be "Dream". The error occurred in the original transcript created by the puzzle's author. In any case, Lynn Marshall, Anu Pathria, Henry Chai, M. Christensen, Alan Arnott, kerbaj and a mystery solver all submitted solutions and the solution (with the grid deciphered) appears in the accompanying diagram. Thanx to all solvers.

Words: Both Interesting and Uncommon

Despite overwhelming public response, this column continues with more words drawn from the files of the University of Waterloo Society for the Preservation and Popularization of Obscure, But Interesting Words.

frippery   (a.) Frivolous; contemptible.
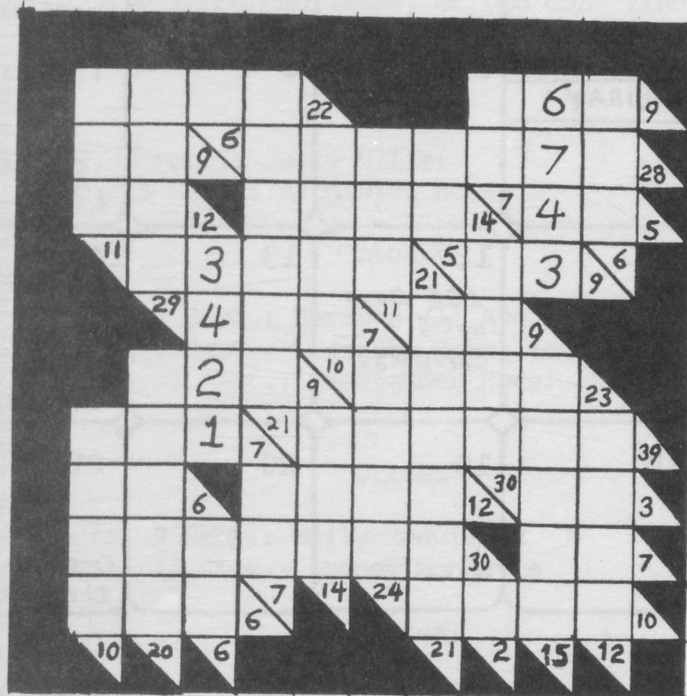
invigilate (v.) Keep watch.

ogdoad   (n.) Group of eight.

vulpine   (n.) Crafty, cunning.

Compiled (once again) from the "Concise Oxford Dictionary".

Cross Sum

For something a bit more mathematically oriented than word searches, here's a cross sum. Basically the rules are this: sum the rows to total the value given in the bottom left corner of the blocks following and the columns to equal the top right sum. There are two catches: digits are not repeated in a sum and zeros aren't allowed. Good luck. Solutions may be submitted through the black box on the third floor across from C&D.

Number Code

The following is a special number code for you to solve. Like the number code in the last issue of mathNEWS, it involves pairs of numbers, but the encoding process is different. Taking pairs of coded numbers, you must try to extract the correct code using two simple mathematical operations. Submit your solutions for fame (but probably no fortune).

```
18  0 54  0 40  0 16  0 18  0 28  0 22  0 54  0 33  7  9
 7 21 -19 28 12 41 13 14  4 50  4 27 -11  28 -26
31  13 24 -14 54  0  5  3 32 -22 10 -4 33 -3  9 -1
 6  4 24 -16 54  0 25 -7 35 -7  5  1 27  3 27  9  21
15  6  4 23 -17 29 11 27 -3 39 11
```

mathNEWS Calendar

Once again, the mathNEWS Calendar graces the pages you are holding. If you have any events that may be of interest to Math students, send it to mathNEWS with good haste. (The notice must also be in good taste. Otherwise, it won't be printed.)

↓ CHESS CLUB

			June '82	18 Theatresports HH 180 2130 hours Fed Flix:	19 Theatresports Novice Workshop C.C. ~10 (?) a.m. On the H₂O-front	
20	21	22	23 Cinema Gratis La cage aux Folles II	24	25 Ard Boy at WMI Fed Flix:	26 Cat Ballou
27	28	29	30 C.G.: Casablanca	July 1 & HOLIDAY! DOMINION DAY	2 HOLIDAY! No Fed Flix	3 HOLIDAY! Bus tour — Foreigner, etc... No Fed Flix
4 HOLIDAY!	5	6	7 C.G.: Lolita	8	9 Theatresports Math Soc Road Trip Fed Flix:	10 China Syndrome
11	12 166 Days until Christmas	13	14 C.G.: The Dove	15	16 mathNEWS frosh issue deadline!! Fed Flix:	17 Nightwing
18	19	20	21 C.G.: One Flew over the Cuckoo's Nest	22	23 Theatresports Extravaganza LECTURES ALMOST OVER! Fed Flix:	24 EXAMS ALMOST HERE! Zardoz