HYPERBOLE OF A SINGLE SHEET
(World's Greatest Math Weekly)

Dawn R. Johnson, Editor
John Lindgren, Problem Editor

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CALENDAR

Monday, October 12 by 3:00 p.m.	Deadline for Putnam Exam Registration, See D. Anderson
Tuesday, October 13	Colloquium, 3:00 p.m. Dr. Burgstahler will discuss, "Sex and the Single Variable"
Wednesday, October 14	Math Club, 3:00 p.m. Discussion of degree requirements
Thursday & Friday, October 15 and 16	Campus Preview for prospective students and parents
Friday, October 16	Fall Picnic at Burgstahler's cabin - party following
Wednesday and Thursday, October 28 and 29	Pre-registration for declared CS and Math majors.
Saturday, December 5	Putnam Exam

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PUTNAM EXAM

Monday is the LAST DAY to sign up for the Putnam Exam. Students who would like to test their problem solving ability should see Duane Anderson, MG 319 to sign up. Any Freshman or Sophmore can receive one credit, PN, at the 1000 level, and Juniors and Seniors one credit at the 3000 level in Special Topics. To receive credit the student must participate in the Friday, 3:00 p.m. problem solving sessions and take the Exam, Saturday, December 5. (The Math Department provides FREE PIZZA!) SEE MR. ANDERSON NOW.

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COLLOQUIUM

Dr. Burgstahler will discuss Sex and the Single Variable next Tuesday at 3:00. He will show clever methods for Approximating everyday mathematical expressions at an undergraduate level.

Coming up - Sabra Anderson and Kathleen Neuswanger will talk about English "Bell Ringing".

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ACM CLUB NOTES

Math Lab Key is now at Kirby Desk on Weekdays. Members who check it out must be very careful to take proper care of the room or the club will lose the privilege of opening the lab after hours.
Anyone with ideas on redecorating the Math Lounge should talk to Darwin Ammala.
Idea for fund raiser - terminal in concourse - we print anything - banners, pictures, etc.
Reminder that Monday is the last day to sign up for the Putnam Exam.
Another reminder - next Wednesday, Drs. Anderson and Dunham will discuss degree requirements at the Math Club Meeting.
CDC is recruiting on Campus. Good chance to practice interviewing skills. Make an appointment in Administration 139 for October 13.

Fall picnic is next Friday. Sign up in the Math Office.
Dr. Dunham presented a slide show and demonstration of graphics program that produces Escher's Repeating Patterns.

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FREE TRIP TO BEMIDJI!

Any students interested in attending a meeting of the Math Association of America at Bemidji State University should see Joe Gallian in MG 313. Several faculty members from UMD are going and will have room for five students. The University will pay for travel, room and board. The meeting will feature two one-hour talks by prominent mathematicians, and a number of short talks by area mathematicians. The group will leave Friday afternoon , October 23 after 1:00 p.m. and return on Saturday evening.

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INTRODUCING: The Department of Mathematical Sciences have hired a number of new faculty. They are:

Dr. Irving H. Anellis. He received the B.A. degree at Northeastern University, Boston; the M.A. degree at Duquesne University, Pittsburgh; and the Ph.D. degree at Brandis University. Anellis was previously at the University of Iowa, Iowa City, as a visiting lecturer.

Max L. Benson. Benson received the A.B. degree at Carleton College, Northfield, and the A.M. degree at Harvard University. He was a computer consultant at Harvard while working toward completion of his Ph.D. degree.

Dr. Daniel A. Goldston. Dr. Goldston received his B.A., M.A. and Ph.D. degrees at the University of California, Berkeley. He was a faculty member at Merritt College before his appointment at UMD.

Stanley R. Lenihan. Lenihan received his B.A. and M.A. degrees at UCLA, and has been affiliated with Chapman College-PACE, San Diego, for the past year.

Dr. Ronald R. Regal. Dr. Regal received his B.A. degree at Wabash College, M.S. degree at MIT, and the Ph.D. degree at the University of Minnesota. He formerly was an assistant professor at the State University of New York at Albany.

Young Sam Kim. Mr. Kim received the B.S. degree from Seoul National University and the M. S. degree at the University of Iowa. He was previously employed at Clinton Community College, Clinton, Iowa.

Dr. Kanhaya Lal Singh. Dr. Singh received the B.S. degree at Agra University, the M.A. degree at Memorial University, and the Ph.D. degree at Texas A and M. For the past year Dr. Singh was affiliated with Lakehead University, Thunder Bay.

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THIS WEEK'S PROBLEM

If $a^3 = b^2$ and $c^3 = d^2$, where a,b,c and d are positive integers; and if $c - a = 25$ what are a,b,c, and d?

LAST WEEK's SOLUTION

The largest area possible for the region shown is achieved when $r = \frac{R}{\sqrt{\pi^2 + 1}}$.

Solved by John Lindgren, Dr. Burgstahler, James Van Buskirk, and Dr. Dunham.

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