

Rose-Hulman Institute of Technology

Rose-Hulman Scholar

The Rose Thorn Archive

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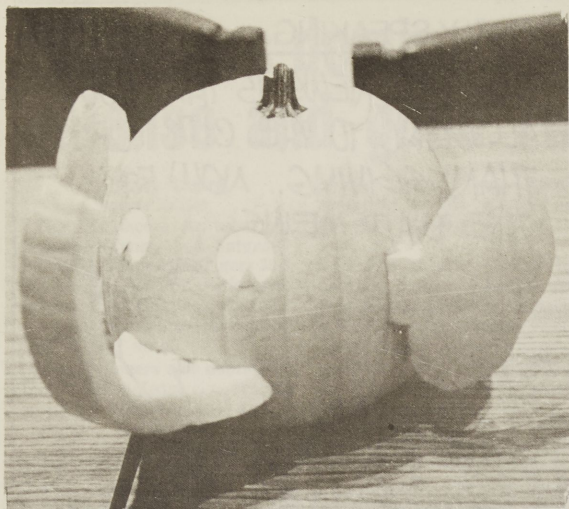
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ARA holds Halloween competition

Halloween was celebrated a bit early at ARA, but nevertheless events were numerous for students on the Board plan.

Dinner featured cotton candy and caramel apples. ARA workers dressed for the occasion, and the evening crew paused for a photo, lower right. Leader of the motley crew is Mark Farner, center with bandana.

ARA also sponsored a costume contest during dinner. Entrants, upper right, were judged by President Sam Hulbert, Duncan Murdoch, Major Gibson, and Pete Gustafson.

The winner of the costume contest was Joe Jones of the Deming attic. Jones dressed in a contemporary rock star motif, third from left.

Second place went to the Iranian militant on the far right. Dave Holtz, of Sharpensburg 2, won a year's subscription to Playboy magazine.

The hunchback on the far left finished third. For the costume he was awarded a single record album of his choice.

The final event of the evening was a pumpkin carving contest. Spurred on by the Rosie caper, the winning entrant, above left, employed an elephant style. The winning team was Steve Enot, Kevin Anderson, Mike Major, Joe Ferrell, and Rick Morris.



Photos are by Steve Shuman.

Students compete in college bowl

by Loren Makus
Staff Reporter

College Bowl contests this year attracted fifteen teams and six individual entrants in the Rose-Hulman tournament. The contestants meet for their matches on Monday and Thursday evening between six and eight o'clock, in the Music Room of the Union.

The first round of competition started on Monday, Oct. 27, and was completed on Thursday, Oct. 30. Since the tournament is of the double-elimination kind, no teams were eliminated from the contest. However, several teams showed well with high scores.

The All-Star team, comprised of the four highest scoring individual entrants, scored 230 points against ATO No. 1 for the highest team score. The team, captained by Don Girton, is made up by Mike Rugg, Andy Hippleheuser, and Don Dodson.

The second highest score was made by Independent team 2 with a score of 175 over Independent team 3. Tom Moss is the team captain.

Triangle team 1 scored the third highest score of 165 points won from GDI.

Two contestants tied high scorers in the team contests. Jim Weber of Delta Sigma Phi and Doug Gundlach of Deming 3 each scored 50 points. Tied at 40 points earned each are Robert Sutton, Triangle No. 1; Chuck Moss, Independent; Art Schultz, Fiji No. 1; Phil Shook, Independent No. 3; and Don Dodson. Weber, Sutton, Gundlach, Moss, and Schultz

also were the top five percentage scorers.

Matt Wolfe, member of Triangle's Team No. 2, commented that although his team lost the match, he enjoyed the game.

The contest requires a wide general knowledge. Many topics are covered in the games. Questions in round one included "What is the name of the Indiana University swimming coach?" and "What event triggered the war in Vietnam?"

Monday, Dec. 15, will be the date of the Championship match. The winning team and the four highest scorers of the tournament will go to a regional contest.

Dr. Heinz Luegenbiehl, faculty coordinator of the College bowl, also plans to have a match between the faculty and the All-Star team sometime in the spring. The special match has not yet been scheduled, but it would be during a convocation schedule.

Dr. Luegenbiehl also stresses that spectators are invited to the contest, and says that if enough people show up that a bigger room will be found for the contest.

Two squads have already reached the final four of the winner's bracket. A tough Deming Attic squad led by Gundlach came on at the finish to defeat Independent No. 2, 160-95. Lambda Chi Alpha No. 1 also advanced by downing an able All-Stars team 160-130. Play resumes after Thanksgiving break, and results may be found opposite the mailboxes.

Math contest returns with clues, solutions

My sincere apologies to all for not getting last week's problem, hint and solution to The Thorn in time for publication. The problems were, however, posted on the Math Department bulletin board at the proper time. I hope I have caused no undue inconvenience or confusion.

Problem No. 9 is the last one this quarter. It will be due at the end of the first week of second quarter.

Problem No. 9 (due at noon Friday, Dec. 5) — At no vertex of a simple polyhedron, P, do exactly three edges meet. Prove that at least eight of the faces of P are triangles. Hint: You will need Euler's formula. This says that for any simple polyhedron, $V - e + f = 2$, where V is the number of vertices, e is the number of edges, and f is the number of faces.

Hint, Problem 8 (due at noon Friday, Nov. 14): Use the principle of mathematical induction.

Solution, Problem No. 6 — If the same sum of b numbers is $b^{**}h$, then the average value is $b^{**}(h-1)$. (The FORTRAN

notation for exponentiation simplified the typesetting.)

If we "center" our b odd numbers about $b^{**}(h-a)$, then the deviations of the numbers from the mean will cancel, and we will get the proper sum. Using this idea, we find that if b is odd, the sequence of odd numbers is:



The Drama Club production of "Ten Little Indians" drew raves from audiences last weekend. The Halloween weekend mystery represents the first of two Drama Club presentations this year. In the above scene, from left to right, are Bill Sutton, Jonathon Richardson, Alan Hippleheuser, Grant Boling, and Bob Techtent. The story involved ten people who are on an island for a party and are killed one at a time. Photo by Steve Shuman.

the Rose Thorn

Vol. 16, No. 8

Rose-Hulman Institute of Technology

November 7, 1980

Attrition takes slim toll at Rose

Very few students who start out at Rose-Hulman Institute of Technology for a high quality education fail to make their goal reality.

Last year less than 100 students in an average quarter enrollment of 1,199.3 stopped their educational process at Rose. One reason for this could be the high admission requirements. Another reason might be that students who enter Rose are better prepared for the academic road they are going to follow for four years.

Only 85 students left Rose for various reasons from Sept. 1, 1979, through Aug. 31, 1980. The most common one — failing grades. Thirty-one were dropped

from the roll for failing marks. While 20 men transferred to other schools, 10 left for reasons unknown.

Seven of the 85 stopped coming to Rose because they were struggling and receiving poor grades. Five left due to personal reasons. Four men each left due to incompatibility with Rose and because they felt they lacked engineering desire. Three left because of financial difficulty, even though Rose has the following types of financial aid available: Grants-in-Aid, Supplemental Educational Opportunity Grant, National Direct Student Loan, Work-Study Program, and the Basic Educational Opportunity Grant Program. Only one person cited health problems for his departure.

Dispersion among classes found 32 freshmen, 37 sophomores, 11 juniors, and five seniors who left. Of the freshmen, 25 withdrew and eight

were dropped from the roll. While 23 sophomores withdrew, 14 were dropped. In the junior class, four men withdrew and seven were dropped. Three seniors withdrew and only two were dropped from the roll.

Of the 54 Indiana students, 31 withdrew and 23 were dropped. Four students withdrew and one was dropped from both Illinois and Ohio. Two from both Michigan and Kentucky withdrew and two from Michigan were dropped from the roll. One student withdrew from both Washington and California as was one dropped from these west coast states.

Only one student withdrew from each of the following states: Florida, Louisiana, Minnesota, Iowa, Missouri, Wisconsin, North Carolina, Idaho, and New Jersey. One foreign student withdrew and one from Pennsylvania was dropped from the roll.

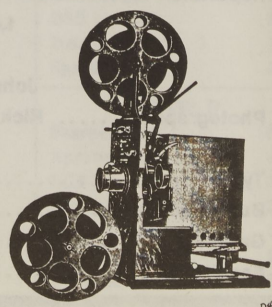
SAB presents 3D horror flicks

This Sunday, Nov. 9, at 7:00 p.m. in the Auditorium, the Student Activities Board will present two films: *Nosferatu* and the 3-D version of *Creature From the Black Lagoon*.

Nosferatu was the first (though unauthorized) film version of Bram Stoker's *Dracula*. Efforts to disguise this 1922 film's piracy by changing the character's names and setting of the story did not stop Stoker's widow from suing. One of the classics of the German silent cinema, *Nosferatu* was photographed on location with unusual visual effects that added to the eeriness of the production.

In *The Creature from the Black Lagoon*, there is some

stunning underwater stereo cinematography which has not been matched to date. If you've never seen a 3-D movie before, or even if you have, you're in for a treat. Special viewing glasses will be provided for the 3-D film. But the best part is that these films are free!!



Editorial Thorn

No money for ARA

by John Sparks
Editor

It is generally agreed that the weakest link of on-campus living can be found by starting at the beginning — ARA. Few are pleased with the performance of the food service thus far.

Rose-Hulman, in good faith, went to ARA earlier this year to try to negotiate better conditions for students. ARA came away from the negotiations with \$29,000. Rose-Hulman got the premium entree system.

Now ARA is proposing another fee hike in return for better food. For only 25 cents per person per day, ARA says it can provide a menu which is comparable to last year's. They also cite a contract agreement of no profit greater than five percent as an assurance that the money will go into upgrading the food.

Rose remains skeptical. ARA has signed a contract for this year. As the professionals they are, a year of experience here should have given ARA an accurate idea of how much it costs to provide food for Rose. Furthermore, the inflation rate and the rise in the minimum wage rate should have come as no surprise. And a contract is binding.

The students, caught in the middle, seem to be in favor of any plan which results in better food — even if they have to pay for it. ARA claims that a little goes a long way, and points to their improvement of late. Some of the premium entrees truly are premium. Some, however, are masquerading as premium while being commonplace. Most notable are the Sunday meals.

Should ARA be handed more money? The idea of "you get what you pay for" can be cited as support for ARA. Increased funding should bring improvement. But what about the contract? Continually giving ARA more money is like working without a contract. It is also a dangerous precedent. To carry the scenario to an extreme, how long can it be before Texas Tummies are a premium entree? And what of the food service that was turned down this year when the ARA increases result in a higher price than the other company offered?

Something needs to be done. But will throwing more money at the problem result in anything more than a shrinking gross deficit for ARA? Can ARA be trusted after claiming supplier problems were the reason for the disappearance of the juice machines? If ARA shows the improvement worthy of an input of money, the students should be billed appropriately. But the current premium entree system does not qualify.

EDITORIAL

Page 5 notes autumn winds of change

by Hal Tosis

These are years of change and life at Rose is no exception. We hope that this article will alert you to some of the upcoming changes and events.

On December 1 the mailroom will be closed to everyone. Mrs. Avenger said recently, "This should help cut down some of the problems we've been having in the mailroom." These problems include people getting their mail before 12:00, on campus mail being delivered within three days, and availability of people to handle package slips.

"As it is," she said, "students

don't get a feeling of how the real world works so this change had to be made." Anyone attempting to speed the delivery of the mail will be dealt with severely.

Beginning Monday all cars illegally parked will be ticketed and assessed the new fine of \$10. This action was instigated by Pete Gustapson to alleviate the parking problem. When asked how this would solve the problem of 30 more cars on campus than parking spaces, he replied, "Dees ees part of zee Master Plan. Ve vill continue to give zeets tickets unt stealing tape decks until ve have enough

money to build zee twelve story parking garage."

At the start of next quarter, A.R.A.T. Scavenger services will begin a new system to improve the food service here at Rose. The new system known as, Better And Refurbished Food service by Incentives and Gains (BARFING) will speed service by assigning each student a time when he may eat.

These sections will be determined alphabetically and will have a direct correspondence with classes you may have. The sections are as follows:

Section 1 - Apricot to Eggplant
Section 2 - Elephant to Rutabaga
Section 3 - Soft Ice Cream to Zebra

Students whose names don't fall within any of the sections will not be required to eat. All other students will begin BARFING after the first meal following the quarter break and continue until the end of the test period.

The start of next year will see a new computing system at this school. The PDP 11/70 presently in use will be sold to Pizza Hut on Wabash to compute the amount of change returned to the customers.

Three machines will replace the present system. One machine will be used by the administrator to decrease paperwork. The registrar, Professor Grits Hominy, reported that, "with the capabilities of the new machine, the number of class conflicts should be greatly increased and a more inconvenient way of registering may be developed."

The second machine will be used solely by computer science majors and each terminal will be

FRANKLY SPEAKING ...by phil frank

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On the album front

by A.J. Fossett

It's surprising that a recording perfectionist like Bruce Springsteen would come out with a double-record set of original songs, but this he has. "The River" (Columbia) has enough fine songs for one album's worth of Springsteen-ish perfection, but not quite enough for two.

"The River" doesn't quite cut with the same sharpness as "Darkness on the Edge of Town," but it's interesting to

note that it has more guts and drive than just about any other album you're likely to find in the stores today. That's Springsteen for you.

By comparison, his classics "Born to Run" and "Darkness" seem more like inspirations, while on "The River," Springsteen relies more on his innate rock instincts. "Born to Run" and "Darkness" came from the heart; "The River" comes from the gut.

As a result, the catchy hooks and sharp melodies that marked Springsteen's previous music aren't as prevalent but there is no shortage of energy. The best moments on the record are the subdued, slower ("mellow" does not apply here) tunes like "The Price You Pay," "Independence Day," and especially "Stolen Car."

The whole fourth side follows this style: passionate, haunting, beautiful. It offers a direct contrast with the rest of the album, and since it ends the record on a somber note, this feeling is cast over the entire album.

What Bruce Springsteen has done with "The River" is indicative that he can shoot straight to the top on emotion alone, be it with "Ramrod" or "The Price You Pay." 1979 seemed to be a year of pathos and moodiness for him; the seven songs from "The River" penned in that year are, as a rule, frank and subdued.

The THORN

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Engineers dominate Sewanee with defense and good running attack

by Randy Braker
Sports Editor

The Engineers traveled to Sewanee, Tenn., last Saturday and overwhelmed the Tigers 38-7 in a College Athletic Conference contest. Rose churned out a total of 246 yards on the ground and 54 through the air.

The Engineers also dominated the Tigers defensively, scoring on a fumble recovery and a

blocked kick. Tony Radecki scored in the first quarter on a one-yard run to give Rose a 7-0 lead.

In the second stanza Jeff Jackson kicked a 33-yard field goal and David Forbes picked up a blocked punt and ran it in to add ten more points for Rose. On the first play of the second half, Jay Cassidy galloped 63 yards for another touchdown.

Scott Lindner fell on a Sewanee fumble in the end zone to add another Engineer score. later in the third period Rose quarterback Mike Trench ran it in from one-yard out. Rose had built up a 38-0 lead. Sewanee finally scored on a seven-yard pass for their only touchdown.

The Engineers are now 2-1 in the conference and Sewanee falls to 3-2. Centre remains at the top of the C.A.C. with a 4-0 conference record even though they were drubbed by Wabash 51-0 Saturday.

Rose is at home again tomorrow against Southwestern at Memphis. The following Saturday is Dad's Day and Rose will be entertaining the University of Washington, St. Louis.

Harriers finish second in C.A.C. championship

Rose's harriers finished second in the College Athletic Conference championships at Elsay, Ill., last Saturday. The host Principia Indians placed first with only 17 points while the Engineers grabbed second at 53.

Sewanee was third with 71 and Southwestern and Centre followed with 108 and 126, respectively.

Rose's top finisher was John Whitaker bringing in fifth with a time of 27:22. John Smith finished ninth for the Engineers at 28:03.

Other finishers for Rose were

Ken Hilk, 11th at 28:19; Greg Gibson, 13th at 28:22; Dave Womble, 15th at 28:44; and Dean Billheimer at 28:50 finishing 16th.

The winning time was 25:18 by Principia's Mark Whalley. Second place fell to another Principia runner, Stuart Jenkins at 26:19. The course at Elsay, Ill., is a tough five-mile trek.

The Engineers will compete again on November 15 when the harriers travel to Hope College in Holland, Mich., for the NCAA Division III finals.

IM Sports Round-Up

by Brad Burton

Last week brought lots of exciting happenings in Intramural Sports, highlighted by the annual Cross Country meet. The event drew over eighty runners of varying affiliations, proving to be quite a success.

The team championship was taken by the Independents (38 points), followed by Fiji (63), Scharpenburg (93), Deming (146), Lambda Chi (156) and Blumberg (205).

This year's individual winner was Will Huntzen of Fiji. Congratulations to all individuals willing to endure a

little pain for the cause.

The fall tennis tournament continues to progress, but at this time final results are not in. Singles semi-finalists are Brian Ramey, Bill Sales, Jamie Gregory, and Ken Borgman, while the teams of Stokes-Voltmer and Akers-Beer have reached the doubles final.

In mixed doubles, the Voltmers and the Harmenings will battle for the title.

Intramural football had its share of excitement in the past week, headed by Sigma Nu wrapping up the major title with a solid win over second place Fiji. In other action, ATO overcame Lambda Chi in overtime to move into a tie for third place.

The week in Minor football was led by a battle for first place in Minor A, as unbeaten BSB No. 1 handed the Townies their first loss, 14-0.

In other important action, Speed No. 2 blasted Blumberg No. 2, 26-12, in Minor B, while LCA No. 1 got past Deming No. 3, in Minor C. In Minor D, Apartment A3 won a big game against LCA No. 2, 20-12, and a vastly improved Deming Basement team gave Scharpenburg its first loss in a convincing manner, 25-13.

Concluding with a reminder, today is the due date for winter quarter basketball, volleyball, and bowling rosters, so hurry and get your team in!

IM CROSS COUNTRY

Independents	38
Fiji	63
Sharpenburg	93
Deming	146
Lambda Chi	156
Blumberg	205

MAJOR

Sigma Nu	6-0-0
Fiji	3-2-0
ATO	3-3-0
LCA	3-3-0
Independents	2-4-0
Deming	0-4-0

MINOR A

BSB No. 1	5-0-0
Townies	4-1-0
Speed No. 1	3-1-0
Blumberg No. 1	2-2-0
Mees No. 1	2-3-0
Deming No. 1	1-4-0
Independent No. 4	0-6-0

MINOR B

ATO	4-0-0
Blumberg No. 2	2-1-0
Speed No. 2	3-1-0
Independent No. 2	2-1-0
Independent No. 5	0-3-0
BSB No. 2	0-3-0
Deming No. 2	1-3-0

MINOR C

Fiji	5-0-0
LCA No. 1	5-0-0
Deming No. 3	3-2-0
Off-Campus No. 1	1-3-0
BSB No. 3	2-3-0
Independent No. 3	1-4-0
Speed No. 3	0-4-0

MINOR D

Sharpenburg	5-1-0
Apartment A3	4-1-0
LCA No. 2	3-2-0
Independent No. 1	2-2-1
Deming Basement	2-3-0
Delta Sigma Phi	1-3-1
Triangle	0-5-0

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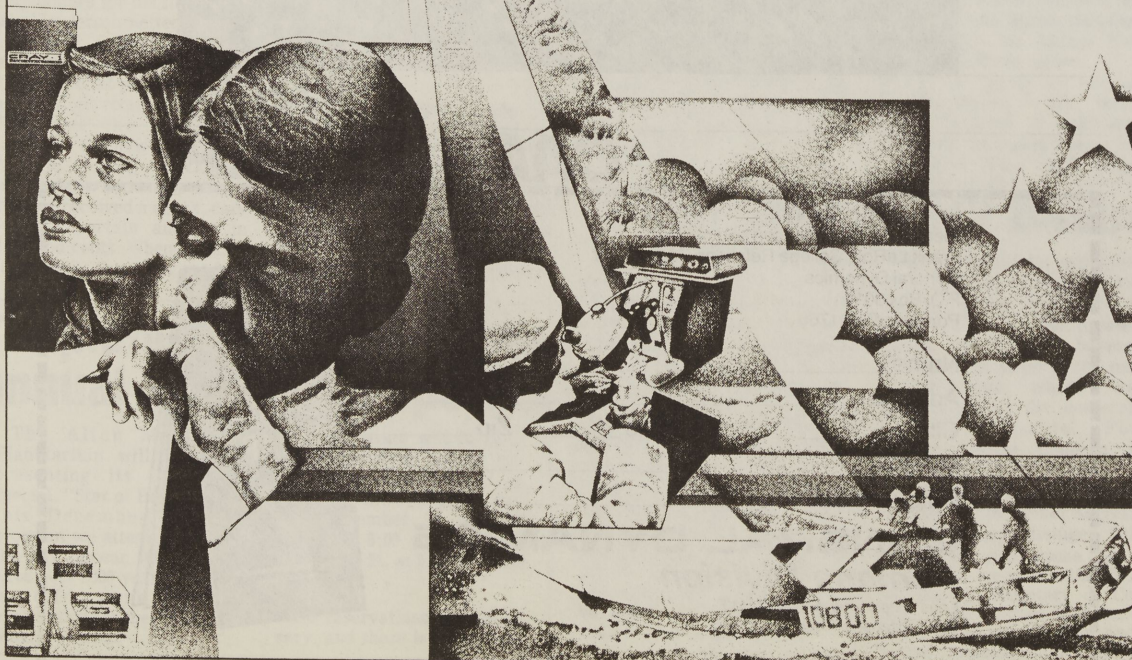
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Coaches Corner

Soccer Squad wraps up season

by Jim Rendel
Varsity Soccer Coach

After finishing the regular season with a 2-12 record, the Soccer team is looking forward to participating in the College Athletic Conference championship at the University of the South on November 6, 7 and 8, where they will play four games in three days.

Although the record is not good going into the conference, it is felt that the squad has improved during the past two weeks, as shown by their play against Earlham (2-0 loss) and Kentucky Wesleyan (4-3 loss).

The Engineers will be starting basically a young team against Centre College on Thursday. Dan Wentz, Jr., and Steve Reust, Sr., will start at outsides with Soph. Dave Watson at inside of the front line. Junior Brad Kowalski along with Freshmen Jamie Huller and George West will be the half backs. Seniors Kevin Giles and Kendal Smith along with Junior Steve Thompson and Freshman George Colby will be

at fullbacks, and Senior Mike LaPosa will be the goalie.

Other players making the trip and expected to see a lot of action are forwards Ralph Smith, Sr., and Eric Mooney, Jr.; halfbacks Leon Hinz, Fr., and Marcello Copat, Fr., and

fullbacks Sr. Phil Murray, Jr. Kevin Thompson, Jr. Brian Mark, and Soph. Rob Schmidlin.

The Engineers are hoping to improve on their fifth place finish of last year, with Principia and Southwestern as co-favorites to win the tournament.



Senior Phil Murray clears the ball during Saturday's 3-0 loss to I.S.U. Junior Brad Kowalski and senior Kevin Giles look on. Photo by Steve Shuman.

Soccer '80

by Rob Schmidlin
Staff Reporter

The Engineers played I.S.U. for the third time this year last Saturday. Although the kickers were down 3-0 at half time, they played a good second half but were still shut out. The final score was 3-0 I.S.U.

This was the last game for the Engineers as they get ready for the C.A.C. tournament. The team feels that they can surprise some people at the tournament.

The team leaves for the University of the South at noon Wednesday, Nov. 5. The Rose squad plays Centre on Thursday and plays Southwestern Friday morning, then Sewanee that afternoon.

They finish the tournament with a game against Principia on Saturday. The kickers are expected to return to Rose late Saturday night.

Seniors Kevin Giles, Mike LaPosa, Phil Murray, Steve Reust, Kendal Smith, and Ralph Smith will be playing their last games for Rose-Hulman at the tournament.

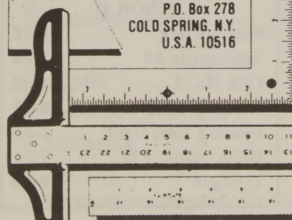
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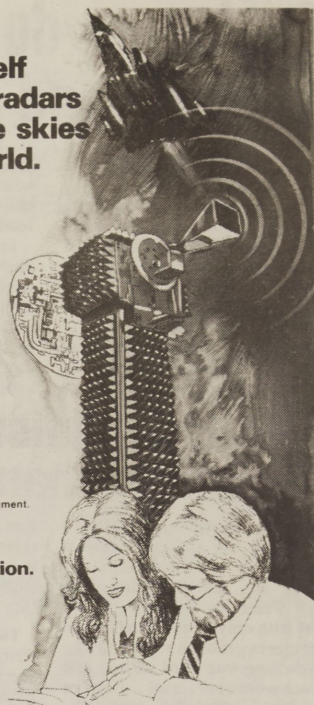
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