

Dorm crowding setting record

By Sarah Bingman

Under the shadow of record overcrowding, permanent dormitory assignments were distributed Tuesday morning to the 786 freshmen requesting institute housing.

As of 8pm Tuesday, 579 were placed in dormitories, 179 students remained in limbo, and 326 had pledged fraternities. Of those assigned, 93 percent of the men received their first choice, while only 86 percent of the women had first preference.

When asked if there was a notable shift to "cooking dorms" due to mandatory commons, Associate Dean for Student Affairs Robert Sherwood said, "That did

not seem to happen." He found a noticeable decrease in women's applications to East Campus, while those to Senior House increased markedly.

Two dorms showed a great increase in popularity. McCormick Hall had to turn away over one-third of its applicants. (Unlike popular belief, women are not guaranteed a room in McCormick, due to its status as the only single-sex women's dorm on campus. Sherwood said that sufficient single-sex suites exist in coed dorms. Special requests due to the nature of McCormick are given no priority.) Bexley had its highest request rate in recent history: 17 men, 1 woman.

(Please turn to page 6)



Some were pleased, some were disappointed with the first round of housing assignments, held yesterday. (Photo by Steven Solnick)

Thefts from MIT dormitories

1974	\$26,019
1975	\$16,260
1976	\$11,338
1977	\$8,337
1978	\$15,617
1979	\$17,556

Dormitory larceny increases

By Laura Farhie

The theft rate in the MIT dormitories has been increasing in recent years, according to information released by the Campus Police.

Reaching a low of \$8,837 in 1977, the theft rate climbed up to \$17,557 in 1979. The Campus Police have not projected what the theft figures will be this year.

Last year, Senior House lost to larceny \$6008, the highest amount of any dormitory in six years. The entries which had the most thefts were Atkinson and Runkle, according to Patrol Officer Anne Glavin. Stolen items from these entries included camera equip-

ment, a banjo, a trombone, a typewriter, a watch, and cash.

Next to Senior House, the dorms with the biggest increases in theft from 1978 to 1979 were Bexley, East Campus and Tang, each of which lost over \$1300 more than the year before. The number of larcenies at East Campus increased from seven in 1977 to fifteen in 1979. However, in 1979 Ashdown's theft rate decreased by \$2899 and Eastgate had no thefts.

One of the major reasons for theft is an open or unlocked door to a room, said Glavin. Her advice to students is "Lock your door every single time you leave

the room, whether it is thirty seconds or thirty minutes."

The majority of thieves come from outside the MIT community, according to Glavin. "They are as good at their job as a computer programmer is at his," she commented. Glavin said that sometimes a thief will have a friendly conversation with some people on the floor before committing the crime.

The dormitories with fewer thefts are those with "good desk or visitor control," explained Glavin. She advises that if any student observes someone hanging around "in a suspicious man-

(Please turn to page 2)

Professor fighting gov't pressure

By Jack Link

An MIT professor's research into cryptography and computer security drew national attention last week when it was revealed that the National Security Agency (NSA) was interested in the research.

Dr. Leonard Adleman, Associate Professor of Mathematics, currently on a one year leave of absence from MIT at the University of Southern California (USC), submitted a funding renewal request to the National Science Foundation (NSF) to continue research started here. A telephone conversation on August 12 with NSF led him to believe that funding had been denied to him because of pressure applied by the NSA, thereby sparking the controversy.

Adleman's research involves the finding of ways to provide security protecting the privacy of individuals and private businesses whose records are stored in computer-based information systems. Since electronic data storage has become so prevalent, particularly in government agencies, the privacy issue has wide-ranging implications.

"I find it offensive and think it inappropriate that NSA got involved at all in my research," said Adleman. "I have rejected overtures from them in the past because of worry they would attempt to restrict the use of the results of my research, which wouldn't help the public protect its privacy."

Jack Renirie, head of NSF's public information branch, denied refusing any funding to Adleman. "We agreed to fund part of Professor Adleman's proposal and informed him that NSA was interested in funding the remainder. We did not deny any portion of the proposal. However, it is generally our policy to encourage acceptance by other agencies, when it is offered,

due to our limited funds."

On the other hand, said Renirie, "NSF is definitely not getting out of this new area of research. NSF recognizes the sometimes opposing interests of both national security and academic freedom. This is a very serious, very complex question that must be decided."

Adleman says he doesn't feel NSF's mission includes deciding such issues. "They are perceived in the academic world as an advocate of academic freedom. They don't seem to be acting as such in this issue." He says another "neutral party" should decide the issue.

When *The Tech* informed Adleman that NSF had not denied funding for his cryptographic research, but only delayed the decision, he said, "Then I hope and fully expect that all of my proposal will be funded by NSF as I was assured verbally last June."

However, on August 12 Adleman was informed that cryptographic sections of his proposal had not yet been funded. The next day, NSA Director Vice Admiral Inman read a letter to Adleman he had sent to NSF regarding Adleman's proposal. The intent of that letter, in Adleman's view, was to pressure NSF to withhold funding and give NSA control of that part of his research.

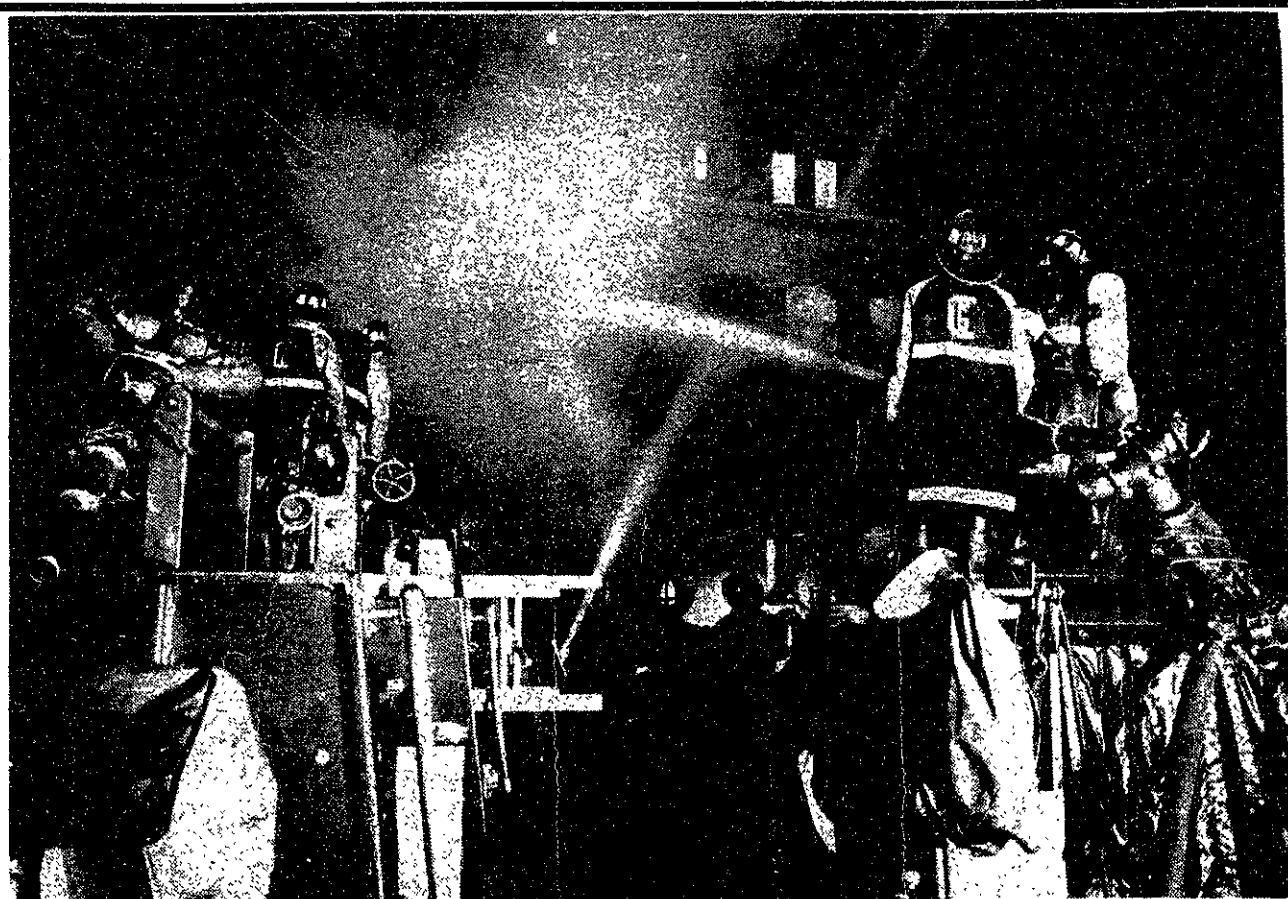
Adleman's proposal was brought to NSA's attention through the Peer Review System, in which NSF sends proposals to experts for evaluation. In this case, many cryptography experts are in the NSA. Adleman was aware that they would be reviewing his proposal for NSF but is "outraged that they took an independent interest" in his work. He believes approval delay was "purely a result of NSA pressure."

NSF spokesman Jeanne (Please turn to page 2)

inside

The collapse of a roof slab on McCormick will close the penthouse for 2-3 weeks. Page 2.

MIT Musical Theatre Guild's delightful production of *Pippin* runs through September 13. Page 5.



A block of businesses on Brookline Street, near Massachusetts Avenue in the Central Square area, burned through the night before firefighters finally brought it under control yesterday morning. The five-alarm blaze is believed to have begun at the Hilco Electrical Supply Company, on Green Street. (Photo by Peter Mui, courtesy *Technique*)

Baker system controls urchins

(Continued from page 1)

ner," that student should dial the emergency extension number for the Campus Police, 100.

Baker House has a unique vandal control system. If an outsider will not leave the dorm despite several warnings, then a person from Baker calls the front desk. The desk subsequently rings the "urchin alarm," consisting of two bells. Immediately, every person in the dorm is supposed to grab something large, such as a stick, and appear at the scene.

In 1974, a group of outsiders on drugs robbed the dorms incessantly, in order to pay for their habits. Four people in the gang were finally apprehended, but not until the dormitories lost \$26,019 worth of valuables. A similar situation occurred in 1970, when the theft rate reached an all-time high of \$54,000.

NSA wants comp. code

(Continued from page 1)

Hudson said, "When there is a national security information question originated by a contractor (Adleman), executive order 12065 requires NSF to 'promptly transmit' that information to the agency with the 'appropriate subject interest and classification authority.' Within thirty days, that agency shall decide whether or not to classify the material."

Adleman's objections to working with NSA funding stem from his concern about possible "strings attached. I would be much more comfortable with NSF funding." He fears NSA may be attempting to control even basic research in this area, "establishing a dangerous precedent."

MIT has a policy against funding any classified research, except through Lincoln Labs and "very few special cases," said Provost Francis Low. Currently, there is no classified research done on campus and it would have to be an "exceptional situation" to change that.

Adleman said this policy had nothing to do with his leave of absence, which originated and "may be extended for personal reasons."

There are other members of the MIT faculty working in Adleman's area of research, which is known as "computational complexities." One such is Ronald Rivest, Associate Professor of Computer Science. Rivest also has a funding renewal request before NSF, due to be acted upon this spring. He is "greatly concerned about the precedents being set" in this case, as his work is closely related to Adleman's.

"If NSA is merely an additional source of funding, I see no problem. What we're concerned about is the possibility of a defense agency becoming the only source of funding for computer-code related research."

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TEXAS INSTRUMENTS
INCORPORATED

McCormick roof loses concrete slab

By Sarah Bingman
 "If anyone was sitting under it, it would have been a kiss good-bye," said a construction worker dealing with a 12 foot by 5 foot concrete slab which fell off the McCormick East Penthouse overhang August 24.
 Construction workers currently on the project said that steel pins holding the overhang in place pulled away from the concrete, leaving the slabs free.
 Both penthouses as well as the courtyard were closed off pending inspection. Only the East Penthouse remains closed. All of the pins on that penthouse must be replaced, and torn stucco must be put back on the front of the building where the concrete actually fell. The penthouses will not be open until this is ac-

complished, which could be three to four weeks.
 Campus Patrol responded promptly to the emergency, sealing off the area and cleaning the broken glass.
 Norma Mele, McCormick House Manager, said there was absolutely no warning. She did not see it hampering any R/O activities and emphasized further, "We're working on it as fast as we can."
 An eyewitness to the accident said there was a huge noise, and then the large plate glass windows collapsed. The concrete panels comprising the overhang fell off onto the walk below immediately after the noise. The witness had been sitting under the roof, but she moved inside a moment before the crash occurred.

news roundup

World

Polish strikers return to work — Satisfied with concessions made by the government, thousands of Polish workers ended an 18-day strike that severely hampered the nation's coal mines, the country's leading export earner. The government released strike-supporting dissidents and granted the workers the right to strike and to form unions.

Nation

Presidential campaigns kick off — Monday, Labor Day, signified the formal beginning of the fall presidential campaign. President Carter started his campaign at a rally in Tusculum, Alabama by assailing the Ku Klux Klan and praising the "discipline, tenacity and courage" of the Polish workers on strike. John Anderson castigated both Jimmy Carter and Ronald Reagan in a speech in Chicago, calling Reagan "irrelevant" and Carter a puppet of current public opinion. Reagan formally started his campaign in Jersey City, New Jersey by attacking Carter for starting his campaign in the "city that gave birth to the Ku Klux Klan." All the vice-presidential candidates were, as usual, hidden from sight.

Local

33 Dunster St. robbed — Three male gunmen, one armed with a shotgun and one with a pistol robbed the manager of 33 Dunster Street, a Cambridge restaurant, of \$6000 in cash from a safe. The robbery occurred early Monday morning when only a private party still remained in the restaurant. No arrests have yet been made by the police.

— By Bob Host and Alan Lichtenstein

Weather

Generally cloudy this morning with some scattered showers, becoming partly sunny this afternoon. Not quite as warm as yesterday's high of 96, with highs 85-89. Clear and pleasant tonight with lows 62-66. For Thursday, mostly sunny but cooler. Highs 80-84. Chance of rain 40% this morning, decreasing to 20% tonight through Thursday.
 Meanwhile, in the central tropical Atlantic, the season's 5th depression threatens to become Tropical Storm Danielle.

— By James Franklin

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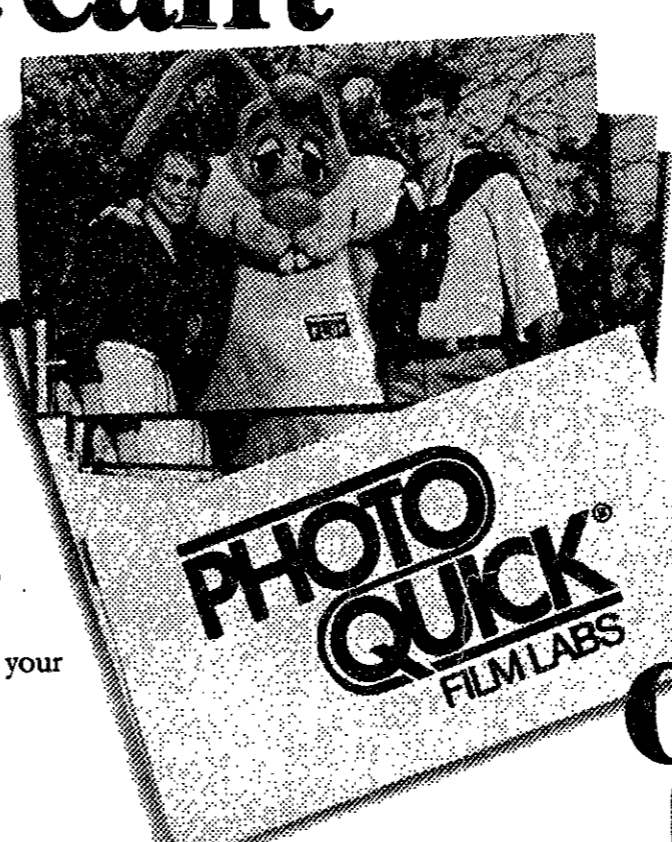
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opinion

Steven Solnick

Gray's priorities

Walking around at Friday's Freshman Picnic, I have to admit I had a hard time keeping my mind on the speakers. I was really getting into the Mister Whippies being doled out by the trucks parked around the Great Court. Even Paul Gray devoured his Whippie with great abandon.

One thing did penetrate the ice cream and the betting about when the rains would come. The speakers seemed to be combatting the MIT stereotype before it could take hold in the new class.

President Gray led the way with virtually a full frontal assault on concentration on "academic endeavors narrowly defined." Be broad, he told them, and don't let your worries about failing muck up your MIT experience.

Don't let your schooling get in the way of your education.

That's quite a thing to hear from the President of your college. It was certainly a comforting message to those looking carefully at the first stages of Gray's term for signs of his educational priorities.

There have been certain presidents of MIT who have managed to markedly change the emphasis of the school and, in doing, broaden the education of its students. Karl Taylor Compton introduced a new emphasis on science when MIT was wholly concerned with engineering. James Killian introduced the Sloan School of Management.

This year we will probably see a discussion in the faculty of establishing a degree program in Science, Technology and Society. We may also see the beginning of a study by the Committee on Educational Policy into the overall educational philosophy of MIT. The CEP has been ruminating on such a project for nearly a year now.

How Paul Gray reacts to these events and where he places his emphasis may have been foreshadowed in Friday's speech. We should certainly be able to read his line from his Inaugural Address later this month.

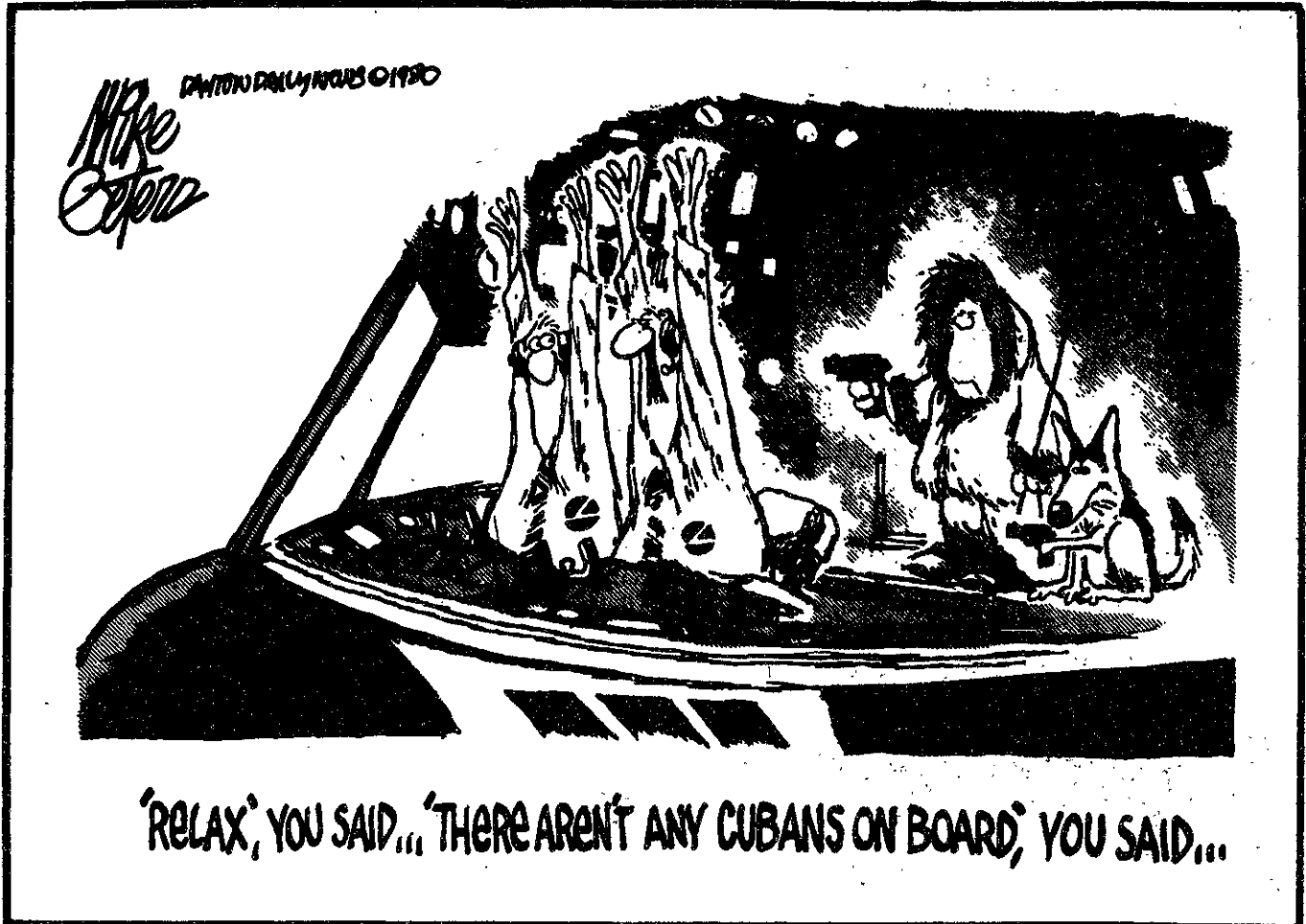
Another interesting sidelight to the picnic was provided by the speeches which accompanied Gray's. Gray's comments on broadening the MIT education were echoed by Undergraduate Association President Chuck Markham '81 in a manner which left some wondering whether they might have worked out some deal in advance.

If Markham and Gray did confer, though, they certainly left Dean Shirley McBay out of the parlay. McBay's comments in *loco parentis* seemed curiously out of place among all the innovative educational philosophy. She even changed her speech at the last moment to say "manage your time well" since, she told the class, "President Gray has already told you not to worry about studying."

Well, that's not really what Gray did say. He told the freshman not to worry about *failing*, which is a very different thing altogether. Gray seemed to be telling the new people, as well as the numerous veterans listening, to take advantage of the whole, broad, diverse MIT experience. Although the picnic speech is a fair barometer, McBay seemed to teeter perilously close to "babysitting."

That's not my term; it was the one used by the faculty over the last two years to express their displeasure with the function the Deans' Office was then serving on campus. It represented a desire to reinvolve the Dean for Student Affairs in some of the educational policy making process... the same educational policy Gray addressed forthrightly in his comments.

McBay doesn't get the benefit of an Inaugural Address later to set out her overall philosophy. She can only speak by her actions. Hopefully, these actions will speak more eloquently than her words last Friday.



Stephanie Pollack

Dinner's on the house

The most important skill I acquired during my R/O Week, two long years ago, had nothing to do with academics. It has proven, however, to be essential to my survival as a perpetually broke, debt-ridden student.

Learning to locate free food is both an enjoyable challenge and a useful ability during times of extreme hardship or times immediately following irresistible record sales. Although the period of heaviest availability of free fare obviously falls during R/O Week, opportunity knocks fairly regularly during the year for those interested enough to keep their eyes (and noses and mouths) open.

One such opportunity occurs next weekend, at the President's Reception. This one's primarily for freshman, so savor it while you may. Independent Activities Period in January is a good time to be on the lookout for cooking classes, wine-tasting groups and other events which provide no-cost nourishment. The major free food opportunity of spring term is Spring Weekend, which culminates in a picnic serving all the chicken and hot dogs you can eat — if you show up early enough.

Of course, as thermodynamics tells us there's no such thing as a free lunch. The trick is getting someone else to pay for the food,

and this will usually require you to do something in return. Joining student activities is one good way to earn some food at no monetary cost to yourself. If you're into pizza, the place to be is the fourth floor of the Student Center. Free pizza is a popular way of placating starving masses of activity members during prolonged periods of intense work. If you're from the New York area, though, you'll probably be very disappointed with the quality of Boston pizza, especially that which can be obtained at no charge.

Being involved in student activities may lead to other free food opportunities. Committees with student members sometimes have working lunches. Make-your-own cold cut sandwiches are the popular fare at many Institute-sponsored dinners. Some of these events are even somewhat classy — one Dean's Office affair last year served sherry before the cold cuts. Unfortunately, in addition to the prerequisite of having to do something or be someone to get invited, it's also necessary to sit through a number of speeches after the repast.

It may be more difficult to find a source of free food than to find Dining Service fare. Last year there was a program under which students could take their advisor

(or any faculty member) for a commons meal at no cost to the student. Taking advantage of this offer could result in both a friendlier relationship with a faculty member and a return invitation. Friday buffets at the Faculty Club are always a treat, but nothing beats a home-cooked meal in a real home somewhere off the MIT campus.

Many living groups serve up study breaks, which may consist of anything from pancakes to ice cream to tacos to pumpkin pie. Study breaks tend to serve lighter fare, but free's free. Special events thrown by housemasters can provide good conversation and excellent food in a friendly atmosphere. It's also a good idea to be on the lookout for leftovers for a few days after house events involving munchies, especially when attendance was significantly lower than expected.

Diligence is necessary in the free food game, but the payoff is usually edible and occasionally truly outstanding. It's especially enjoyable to discover a reasonable (meaning no charge) meal when you can afford to eat, but the real thrill comes when you expect to be spending your last dollars on McDonald's and you find a Dining Service freebie on your way there. The food's no better, but it's worth every penny.

The Tech

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'Pippin' takes Kresge by storm

Pippin, Stephen Schwartz's musical comedy, directed by Catherine Bernhard, is playing in the Little Theatre of Kresge Auditorium September 5, 6, 11, 12 and 13.

Not many people can become a scholar, a soldier, a radical, a king, an artist, a churchman, and a lover, all within the space of a lifetime. But this near impossibility convincingly takes place in the MIT Musical Theatre Guild's extraordinary production of *Pippin*, which opens this fall's theater season at MIT.

Pippin is a delightful musical that follows a man's search for a meaningful existence. The eldest son of Charlemagne, Pippin returns from his university education at Padua restless and eager to challenge the world. His lofty ideals are toppled one by one, however, when he comes to grips with the cruel realities of life. He eventually falls in love with a rich widow who owns a large country estate, comes to appreciate the value of his ordinary circumstances, and chooses a commonplace life over the great and spectacular after which he once

aspired.

In the MIT production, Bill Glickman '83 does an exceptional job of bringing the title role alive. His glittering eyes and infectious enthusiasm keep the play moving from start to finish. Another fine job of acting is done by the Leading Player, Anne Fisher, who fills in the gaps in Pippin's story with an excellent voice and some marvelous dancing. Special mention should also be made of Brad Walters, whose portrayal of Charlemagne sparkles with his clever wit and humorous touch.

The performance is remarkably fast paced, though the lack of an intermission makes the play an exhausting experience for the audience. The set is used in a number of clever ways, and the choreography of the musical numbers is first rate. *Pippin* is a musical noted for several highly symbolic and difficult to stage scenes; one example would be the portrayal of Charlemagne's war against the Visigoths. MTG successfully pulls off these scenes with great effect. The play is also in-

terspersed with several humorous sidetracks; Pippin's perky grandmother, played by Phyllis Levine, ends up drawing the entire theatre into her highly entertaining song of advice to her grandson.

Another noteworthy feature of *Pippin* is its outstanding musical score. The singing by all the members of the MTG cast is excellent, but unfortunately the musical accompaniment for the songs is almost inaudible at times. This problem arises from the fact that the instruments are located behind the stage. This music, soft to begin with, is simply unable to penetrate when the curtains are closed and the action is out in front.

Despite these minor problems, the net result of the MTG's efforts is one of their best presentations in recent years. *Pippin* is a very entertaining and funny play that makes its point in a rather subtle manner. It is worth seeing not only as a sharp theatrical production, but also as an instructive tale about an idealist face to face with the real world.

Joe Kristl



Charlemagne (Brad Walters) advises Pippin (Bill Glickman '83) about the rigors of battle. (Photo by Rick Parker)

ON THE TOWN

MIT

MOVIES

The MIT Musical Theatre Guild is proud to present *Pippin*, Stephen Schwartz's widely acclaimed musical comedy about Charlemagne's son's search for personal fulfillment. Performances are at 8pm September 5, 6, 11, 12 and 13 and 2pm September 6. Tickets are \$4.50, or \$2.50 with MIT ID. For reservations and information, call 253-6294. There will also be a special free freshman matinee performance September 7 at 3:30 pm.

Off the Wall presents a double opening on Wednesday, September 3. *Off the Wall* (the cinema) returns to Central Square (15 Pearl Street) and presents, in celebration of its opening, *Off the Wall* (the movie). Visible proof that a big budget and established stars aren't necessary to produce an intelligent, entertaining feature, the movie runs daily at 6:20, 8:10, 10pm, plus 4:30pm Sat. & Sun., and midnight Fri. & Sat.

This week's LSC lineup:

American Graffiti Fri. at 7 & 9:30 in Kresge.

Oh, God! Sat. at 7 & 9:30 in Kresge.

Doctor Strangelove Sun. at 6:30 & 9 in 26-100.

THEATER

The American Repertory Theatre announces its first scheduled production of its 1980-81 season. William Shakespeare's

comedy *As You Like It*, opening September 11 and running through October 18. For ticket information, call 547-8300.

* * * *

The Last Minstrel Show, a full scale musical production, will have its pre-Broadway tryouts at the Charles Playhouse beginning September 7. Performances Tues.- Fri. at 8pm; Sat. at 6:30 and 9:30pm; Sun. at 3 and 7:30. For more information and reservations, call 426-6912.

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7:00pm

7:30pm

7:30pm

Crowding may reach 200

(Continued from page 1)

The Institute held true to its promise of a 25 percent female population in all previously coed houses. There were seven freshmen admitted to Random Hall, three by first choice, three by second choice, one by third choice. Besides the one freshman in Bexley, there will also be some upperclasswomen transferring to Bexley.

"At this point it looks good," said Sherwood about the fraternity rush. About fifty more freshmen and 10-25 transfers are expected to pledge by the end of the week.

There will definitely be 150 crowded spaces this fall, said the dean. One reason for this is a greater than usual percentage of returning residents, according to Sherwood. He believes this could be due to the shortage of housing in Cambridge or the lack of notification from upperclassmen who are not returning to their rooms.

Sherwood said he hopes that not all the upperclassmen will be returning to the housing system. Monday is the deadline for upperclassmen to return. "We don't want to panic people by saying crowding would exceed 200, but it is likely that it will go that high."

Dormitory assignments as of 11am Tuesday

dormitory	available spaces		perm. assignments		
	reg	crowded	women	men	total
Baker	74	10	34	46	80
Bexley	35	5	1	3	33
Burton	62	40	43	53	96
East Campus	84	41	38	84	122
French House	9	1	6	3	9
German House	8	0	3	5	8
MacGregor	60	18	0	74	74
McCormick	50	11	58	0	58
New House	34	14	6	44	50
Random Hall	15	0	7	7	14
Russian House	5	2	3	2	5
Senior House	37	8	13	30	43
Spanish House	5	1	3	3	6
NRSA			0	0	0
Grand Total			215	383	598
Limbo			15	173	188



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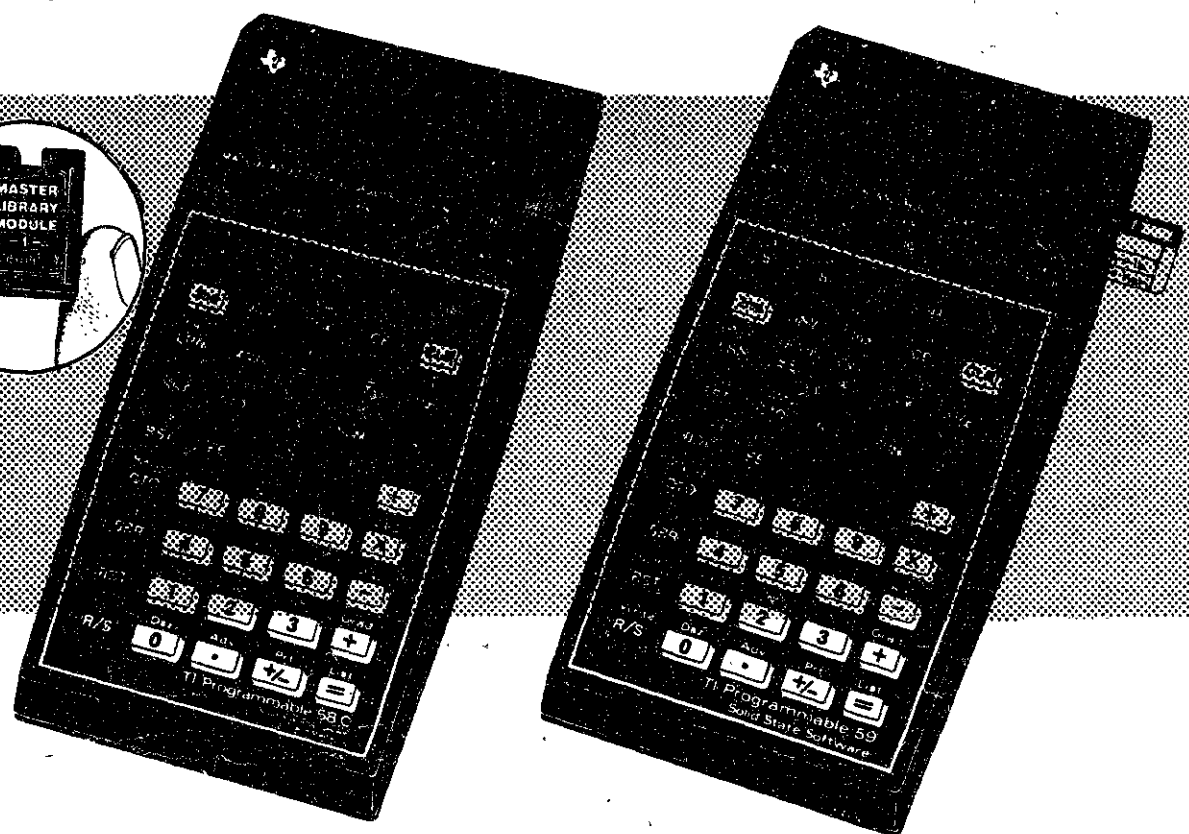
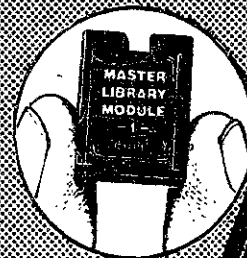
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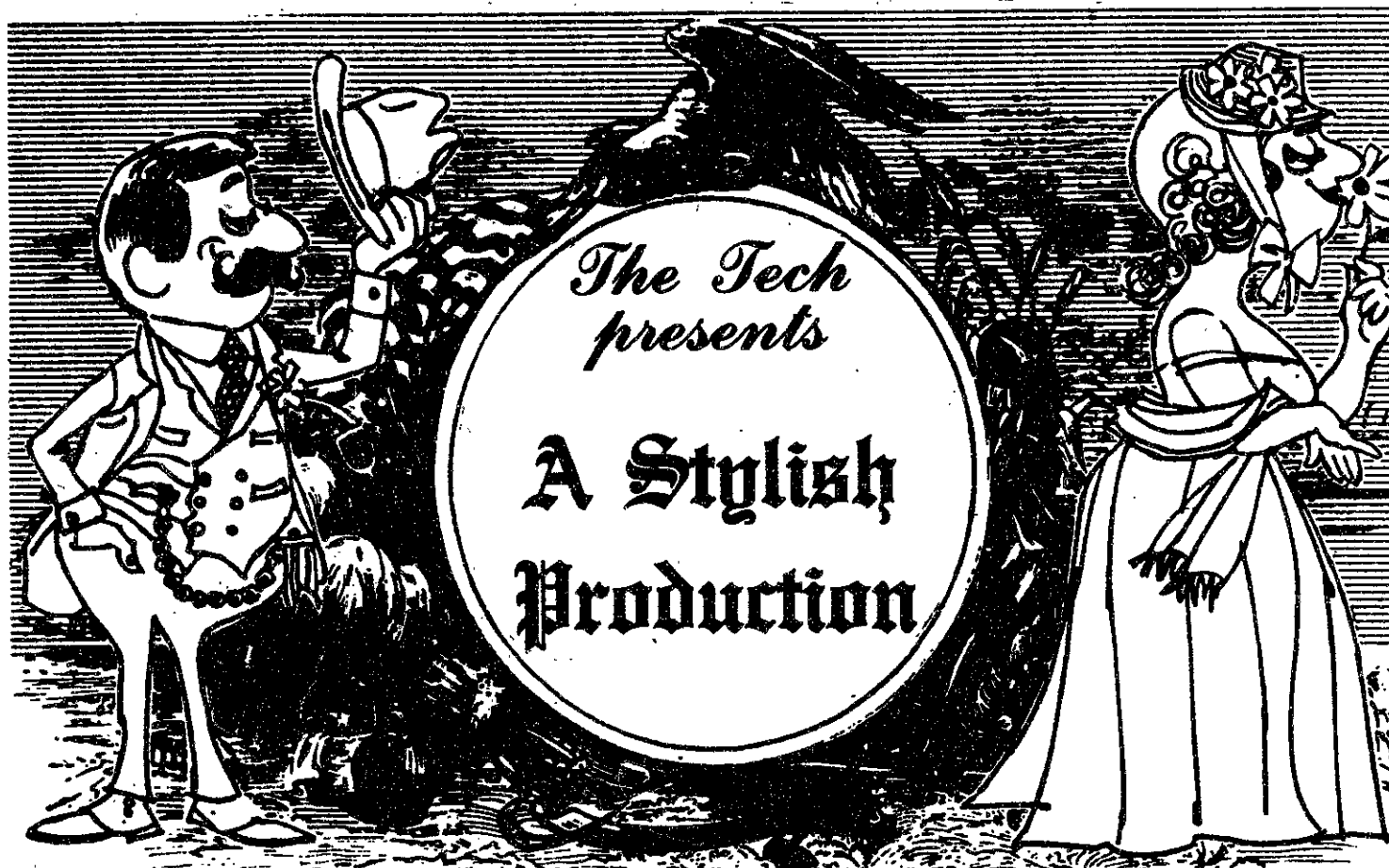
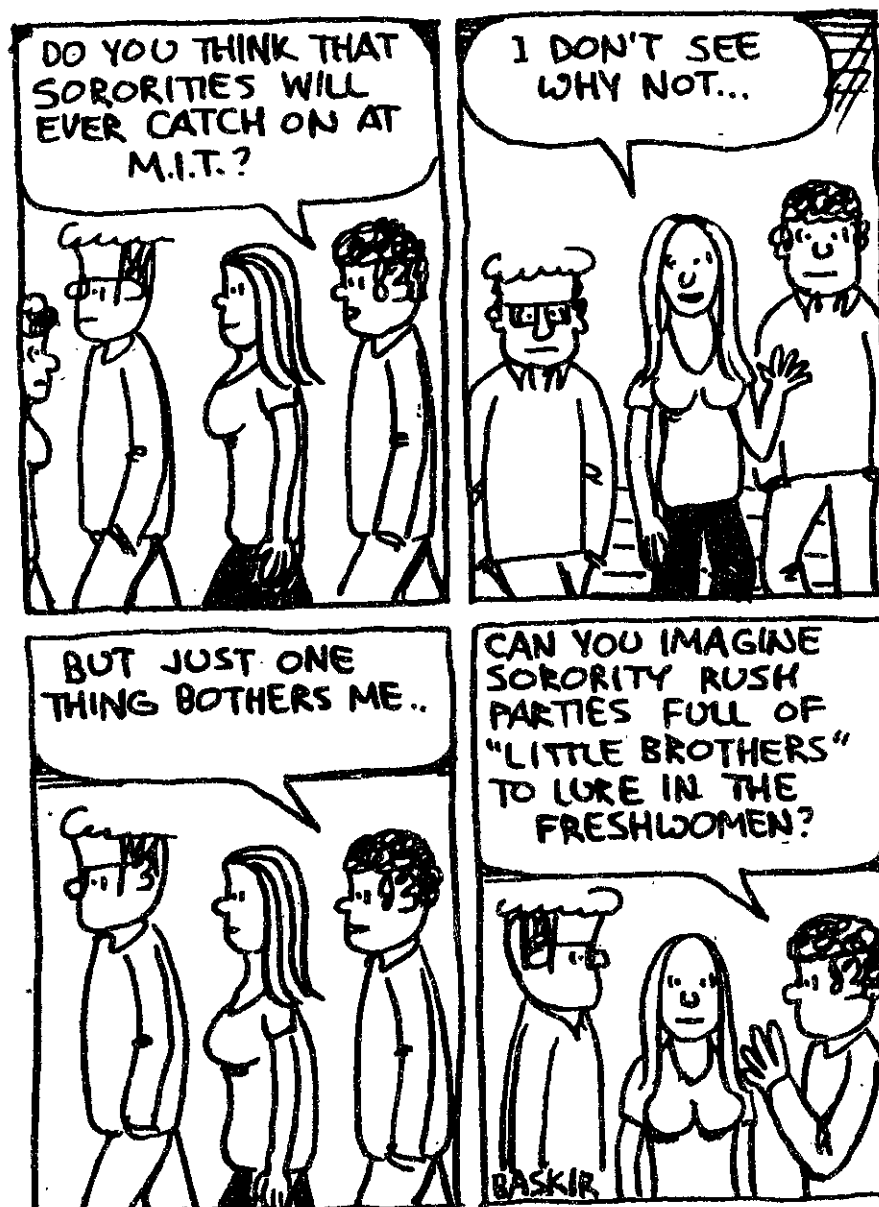
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Student Center Rm. 483

sports

Fall sports gear up for campaigns

By Bob Host

With the advent of a new school year, it is again time for the fall sports at MIT to begin their seasons.

The field hockey team, under the direction of coach Debbie Clum, hopes to improve upon last year's 6-4-2 record. The season opener is at Pine Manor, a team that MIT defeated last year 3-1, on September 22. The home opener is two days later against Nichols.

MIT's cross country team is coming off a 4-2-1 year, and will face RPI and WPI in a triangular meet at home on September 20. Last year MIT swept the meet, winning 34-40 against RPI and 34-50 against WPI.

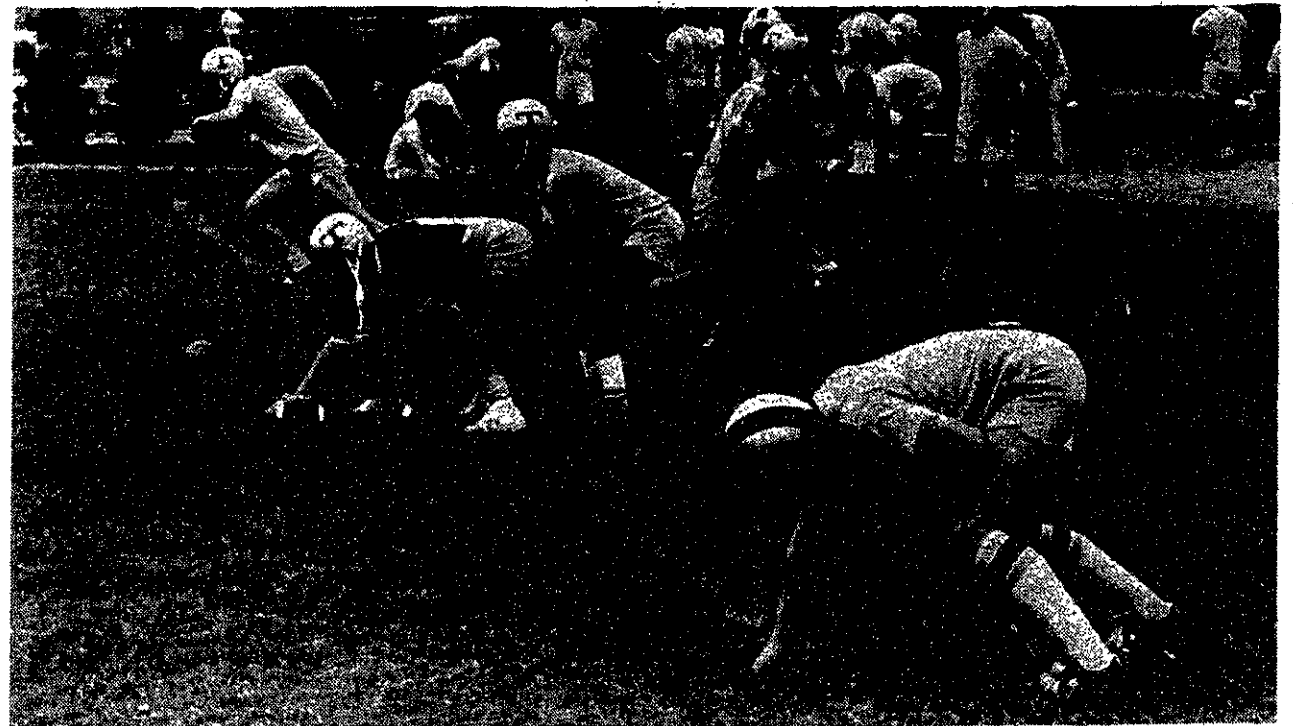
Jack Barry's golfers are returning from a 4-1 1979 season, opening at St. Anselm's with Merrimack on September 11. The team defeated St. Anselm's last year 409-427, but lost narrowly to Merrimack 428-425.

The water polo team, third place finishers in last year's New Englands, tackles Boston University in Alumni Pool on September 17 in the season opener. The team is out to better last year's 9-8 mark.

Also competing this fall are the baseball team (2-8 last year),

opening against Babson on September 11; the football club (3-4), facing Norwalk on September 21; and the men's and women's sailing teams, both starting their seasons with the MIT Invitational on September 13.

The soccer team (2-10-1) starts its fall campaign September 17 at Harvard, the volleyball team (7-9) opens against Salem State on September 24, and the men's (0-3) and women's (3-7) tennis teams begin September 16 vs. Clark and September 18 vs. Brandeis, respectively, both at home.



Over forty candidates for MIT's football club turned out for the season's first practice last week. The team opens its third season on September 21. (Photo by Al O'Connor)

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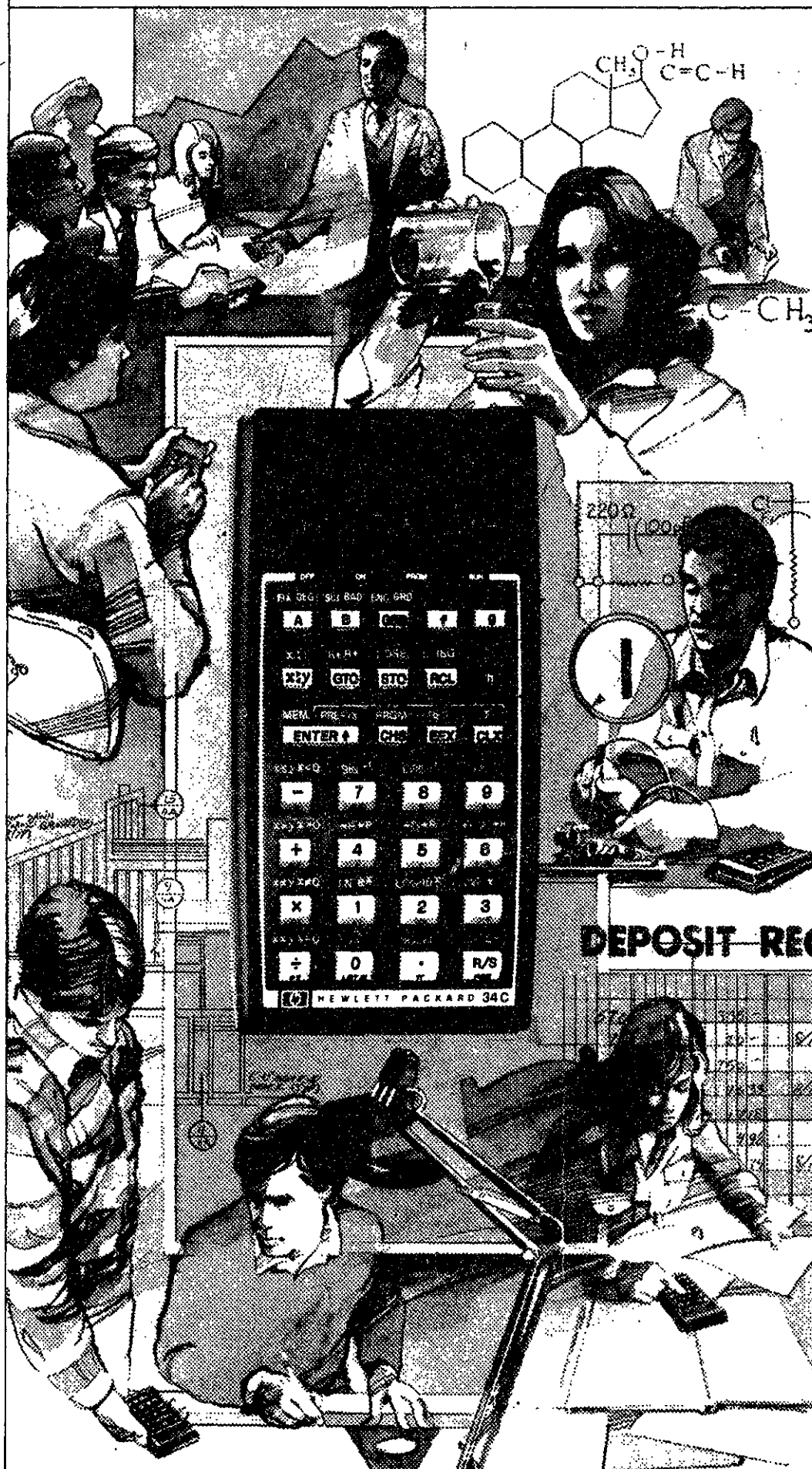
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