

No more forward movement for Doug Smith '93 in the pre-season game against Bates. See sports photo essay, page 9.

Jeremy Yung

MIT Family Weekend draws near

By Irene C. Kuo

Registration for MIT's first Family Weekend, scheduled for Oct. 20-22, has been lower than organizers had expected, but Undergraduate Association President Paul Antico '91 believes that a few thousand family members, friends, and students will participate.

"The MIT attitude is to sign up late," he reasoned, "but four thousand would be a nice number. Assuming that students who attend bring three other people, one quarter of the student body would be involved."

Events will include department open-houses, a tour of the Media Lab, athletic events, information sessions on financial aid, a mini 2.70 demonstration, and a welcome from President Paul E. Gray '54. With the possible exception of Sunday brunch, all events will be free of charge. Antico did not know how much the MIT Alumni/ae Association was

spending; the director could not be reached.

The Alumni/ae Association initiated the program in January as a way to get parents of undergraduates involved in their children's education. Antico said that the program will continue, regardless of what happens this year.

"All other schools have a parents or family weekend," he explained. "People were wondering why MIT didn't. We see this event as a way for parents to find out more about a school they are paying \$18,000 for."

He assumed that there would be some fundraising, but expected that it would be subtle. "Fundraising was not the alumni association's reason for creating the weekend," he said.

Antico further stressed that parents, other family members, friends, and students are all invited. "A lot of people thought that only parents could come, but we

realized this might not be possible for parents of international students."

Response from academic departments, support offices, and Institute programs has been overwhelming, according to Antico. All departments, for example, will feature open houses. He added that approximately 20 students are involved with organizing the events.

The weekend coincides with the Head of the Charles and other schools' parents weekend and homecomings, according to Antico. Hotels in the area have reserved rooms for MIT's event.



Chris Bang '91 and Christine Pao '90 like what they see and sign up for the Student Art Loan Lottery. The exhibit closes on Thursday, with the lottery being held the next day.

Kristine AuYeung/The Tech

UA reconsiders issue of student activities fee

By Prabhat Mehta

The Undergraduate Association is once again considering a student activities fee, independent of the Institute budget, to finance student activities, according to UA President Paul Antico '91. A new student activities referendum may come to vote as early as this term in a special ballot, Antico said.

Currently, the Student Funding Action Committee — which is composed of UA personnel from the President's Office, Finance Board, and the Association of Student Activities, as well as other interested students — is working to prepare a report detailing the current status of student activity funding at MIT, as well as comparing MIT's per capita activity funding to that of other universities and colleges, Antico said.

The report will "show what type of crisis [student activities funding] is in," according to Antico. He expects that the report will come out in late October or early November. If reaction to the report is positive, the UA may hold a special vote for all undergraduates on the issue of having a student activities fee as early as November, he said.

Idea previously rejected

The Office of the Dean for Student Affairs now provides the funds — about \$7 per student per term — for student activities,

Antico noted.

The UA claims that these funds have declined in real value in recent years. In an interview in the Sept. 11 issue of the UA's *Currents*, President Paul E. Gray '54 claimed that one of the reasons why student activity funding has not risen as rapidly in recent years is that "there are much larger flows of funds associated with other aspects of student activities at MIT that don't proceed from the Institute's operating budget." He cited as an example the Student Center Committee, which has independently raised more in funds than the total amount offered by ODSA for all activities.

In the spring of 1988, at the end of the administration of for-

(Please turn to page 2)



Michael Franklin/The Tech
Paul Antico '91

Forum features Challenger engineer

By Niraj S. Desai

Drawing on his experience of 27 years in the aerospace industry, Roger Boisjoly offered advice yesterday on how engineers should deal with ethical issues. Boisjoly, who was honored last year by the American Association for the Advancement of Science for his efforts to avert the Challenger disaster, spoke at a MIT panel discussion on "Engineering Ethics: Constructive Responses to Difficult Situations."

The discussion focused on proper behavior for technical professionals in a variety of situations. It included comments by Freada Klein, who consults engineering firms on ethical and employee issues; James R. Melcher PhD '62, professor of electrical engineering; and David H. Marks, head of the Department of Civil Engineering.

Boisjoly, who recounted his career at 14 different firms, saw a certain conflict between the outlook of managers and that of engineers. Too often, he said, man-

agement is more concerned with keeping to schedules and impressing clients than with properly treating technical questions. This attitude can pervade a company, he warned, corrupting the judgment of technical experts, who may be pressured to sign off a project that is flawed or even unsafe.

When he was an engineer working for Morton Thiokol on the space shuttle program, Boisjoly was warned by a superior that he would have little future in the company if he persisted in voicing his concerns about engineering flaws in the shuttle Challenger.

Engineers should not let such appeals to be a "team player" affect their technical opinions, Boisjoly said. They can do more for the company by offering honest advice. "I still feel I was a more loyal employee at Morton Thiokol" for criticizing the Challenger program, Boisjoly said.

If an engineer discovers a flaw in a product, he should first at-

tempt to rectify it through company channels, Boisjoly suggested. One owes that much loyalty to a company, he said. Only after exhausting all such possibilities, should one go public with complaints, he said. Also, Boisjoly advised prospective whistle-blowers to collect as much evidence (Please turn to page 12)

inside

Film chronicles life of painter and author with cerebral palsy. Page 7.

Sports Update provides capsules summaries of MIT sports. Page 15.

Women's volleyball convincingly defeats Smith College. Page 16.

Proposed conflict-of-interest guidelines to govern federally-supported research

By Irene C. Kuo

The National Institutes of Health and the Alcohol, Drug Abuse, and Mental Health Administration proposed guidelines last week that would prohibit biomedical and behavioral researchers who receive agency support from having outside financial interests that could influence their work, according to *The Chronicle of Higher Education*.

The proposed guidelines prohibit scientists supported by government money from accepting fees or honoraria from a company that might be affected by the outcome of their research. A scientist evaluating a product for

the government could not take money from the company that makes the product, for example. The proposal also prohibits researchers and their families from holding stock or stock options in such companies.

All federally-supported scientists would have to file financial-disclosure forms, and universities would have the task of reviewing the forms and eliminating any conflicts of interest. The agencies recommended that university committees adopt policies as strict as theirs, as they would perform checks on university policies and actions, and could withhold research money if they discovered deviations.

Universities could grant exceptions to the requirements if they deemed a scientist's financial holdings too insignificant to affect his judgment, but all exceptions would have to be reported to the agency supporting the scientist's research.

Scientists and their families or managers could own stock in a company with a stake in their research if the investment was made through a blind trust or a mutual fund.

Debate likely to intensify

The debate over researchers' potential conflicts of interest appears likely to intensify as a re-

sult of these policies. The director of federal relations at the Association of American Universities told the *Chronicle* that the agencies' belief that conflicts of interest can be eliminated is unrealistic. "The question . . . is how you can handle conflicts to assure the unbiased and free reporting of results," she said.

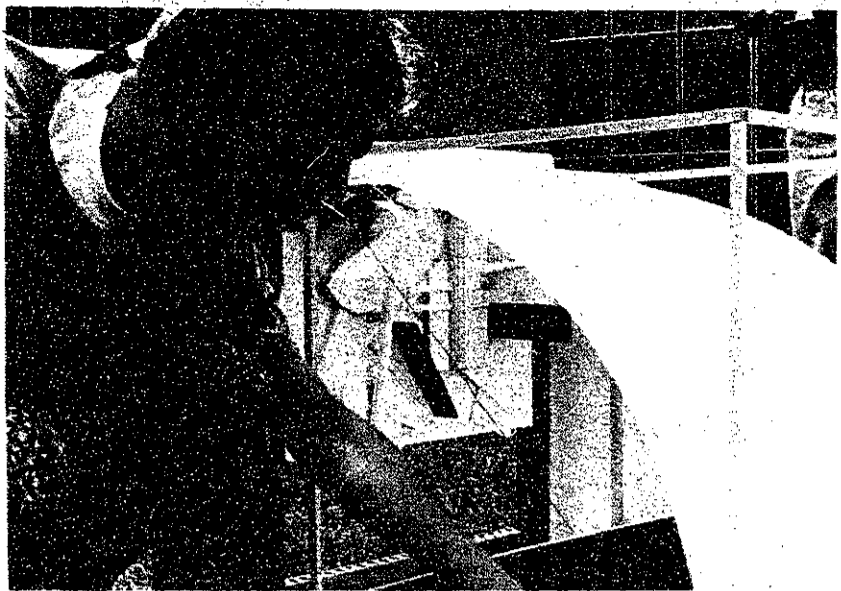
US Rep. Ted Weiss (D-NY) who has presided over a series of hearings on conflicts of interest in research, including one that focused on MIT's Industrial Liaison Program, supported the guidelines for containing "strong minimum standards for institutions to follow," but he was wary

of granting exemptions to some researchers.

"Our investigation has shown that many universities are blind to potential conflicts of interest among their own faculty, and would probably rely heavily on exemption provisions," Weiss asserted.

The *Chronicle* reported that the director of the science and policy program at the American Association for the Advancement of Science said she was concerned about the amount of paperwork created by the disclosure forms.

"I'd rather see scientists doing their research than filling out forms," she stressed.



Kristine AuYeung/The Tech
Level I studios student Dan Henderson '91 adjusts a project displayed in Kresge Oval Monday afternoon.

UA reconsiders issue of student activities fee

(Continued from page 1)

mer UA President Manuel Rodriguez '89, a referendum on an \$18 per student per term student activities fee was proposed but rejected by undergraduates voting in UA general elections. Antico felt that student misconceptions about the nature of the referendum caused its defeat. "There was a definite lack of information last time," he said.

Antico felt that if students had realized that the administration was willing to subtract the full \$18 fee from student tuition, they would have voted in favor of the referendum. Antico said that many students have told him that they did not realize last time that the student activities fee would not have to be an extra cost burden. He noted that a clause of no additional cost would probably be attached to the new referendum.

Falling behind other schools

The main advantages of the referendum would be that "money would come directly here [to the UA]" without fear of drastic cuts or policy changes implemented by the administration, and that student activities could receive more money (from the current \$7 per student to a level

such as the previously proposed \$18) without a corresponding increase in tuition, Antico said. Currently, student activities ask FinBoard — the distributor of the ODSA money — for three to four times as much as they receive.

"The [amount of money MIT] activities get is the lowest that I know of," Antico claimed. He based his findings on preliminary research for the SFAC report. The report, he said, will list the amount of funding that student activities get in a variety of colleges and universities around the country.

Antico also noted that Gray has indicated support for separating student activities funds from the MIT budget.

While Antico believes that better informing students about the true nature of a student activities fee will likely sway voters to support a referendum, he acknowledged that FinBoard also needs to make an effort at reform. At present, Antico claimed, there is a sense that FinBoard, like many other UA activities is "too cliquish." He said that FinBoard needs to establish more credibility so that students will trust it with a larger fund.

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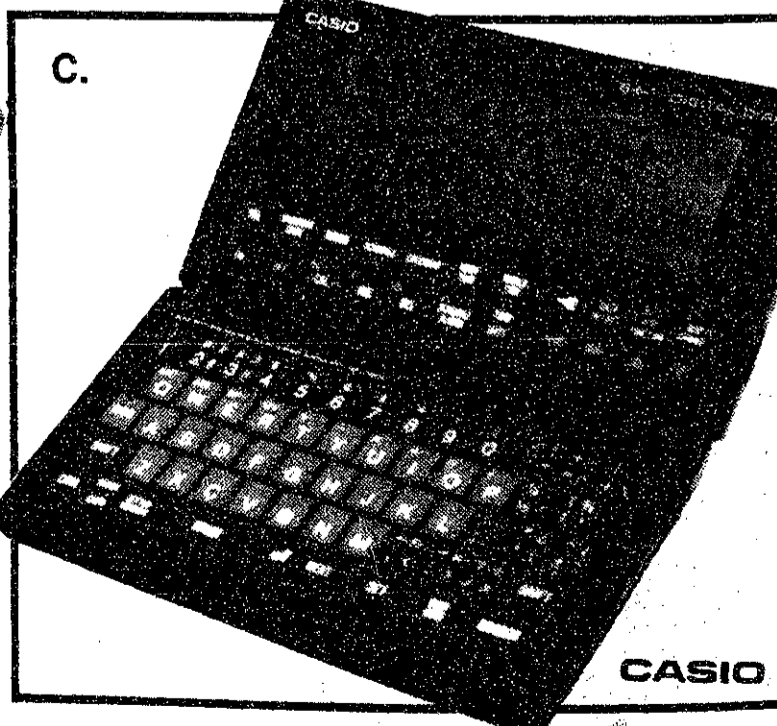
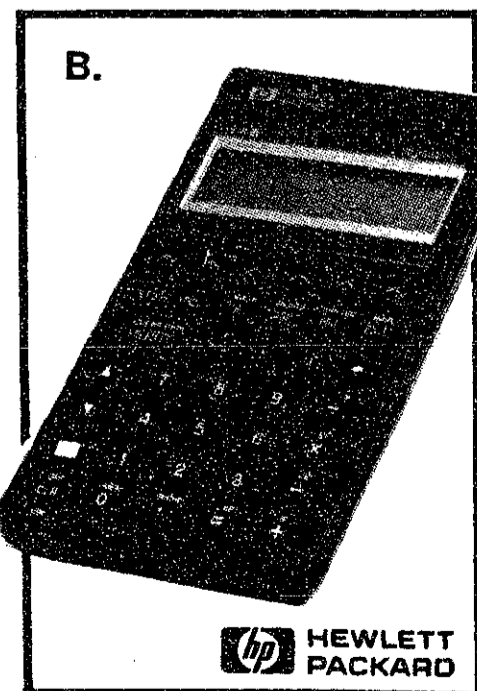
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World

Colombian drug war rages on

Military officials in Bogota, Colombia, say they've seized still more property belonging to suspected drug barons. An Army spokesman said troops have seized a twenty-two thousand acre cattle ranch and hundreds of show horses owned by a man believed to be a key figure in the infamous Medellin cocaine cartel.

East Germans flock to West

East German refugees fleeing to the West through Hungary say they're finding their path blocked — not by barbed wire, but by Eastern authorities taking their passports and travel visas. Refugee workers say one man who tried to swim across the Danube River from Czechoslovakia to Hungary has drowned. But another managed to make it safely across on a homemade, motorized hang glider.

Weather

Hugo enters the southeastern Bahamas, Iris slowly develops

Hurricane *Hugo*, once the Atlantic hurricane season's strongest hurricane, is expected to enter the southeastern Bahamas today. *Hugo* weakened some as it moved across the eastern tip of Puerto Rico yesterday morning. As of 6 pm Monday evening, it appeared as though *Hugo* would be affecting the southeastern coast of the United States late Wednesday or Thursday. *Hugo* had maximum winds of 115 mph. Meanwhile in the central Atlantic, Tropical Storm *Iris* was slowly strengthening while drifting northwest.

Our local weather will not likely be affected by *Hugo* in this forecast period. A high pressure ridge at the surface and at upper levels is acting as a block on the hurricane's northward progress. As the surface high gradually moves east, our weather will deteriorate some as winds will turn onshore and low clouds, drizzle, and areas of fog develop.

Tuesday afternoon: Becoming mostly cloudy. Winds east 7-15 mph (11-24 km/h). High of 65°F (18°C).

Tuesday night: Cloudy with light rain, drizzle, and fog. Winds east 10 mph. Low 57°F (14°C).

Wednesday: Mostly cloudy with light rain or rain showers. Winds east-southeast 10 mph. High 67-71°F (19-22°C), low 60°F (16°C).

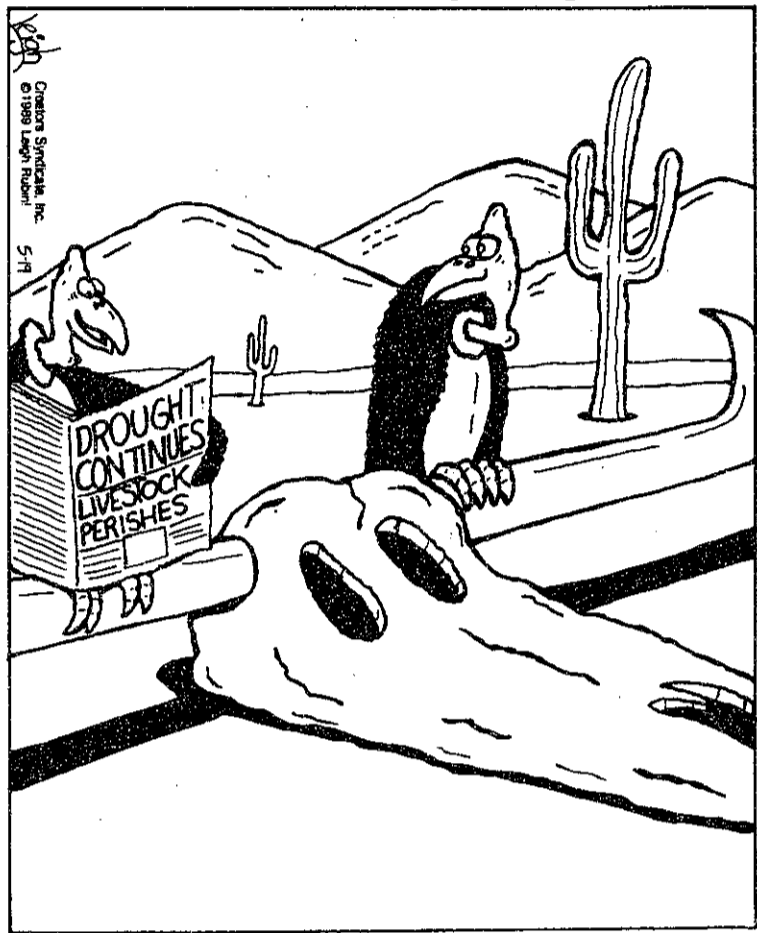
Thursday: Partly cloudy with morning drizzle and fog in southeastern sections. High 68-73°F (20-23°C). Low around 60°F (16°C).

Forecast by Michael C. Morgan

Compiled by Reuven M. Lerner

Rubes®

By Leigh Rubin



"It certainly is refreshing to see some good news for a change."

Nation

Bush won't speak with China

President Bush says the United States isn't ready yet for normal relations with China. He made his remarks yesterday afternoon during a news conference in Helena, MT. He said he hopes soon to see what he calls "proper signals" from the Chinese leadership that would lead to improved relations.

Bush said this during a three-state swing through South Dakota, Montana and Washington. He defended his decision to skip going to Alaska to view the oil spill damage there, saying that he'd sent his "environmental Vice President" instead. Bush said he's hopeful that winter will be kind in restoring the environment, and said he expects Exxon to return in the spring for more cleaning up.

AZT price goes down

The only drug approved in the United States for fighting AIDS is now 20 percent cheaper. Burroughs Wellcome Company has announced it's slashing the wholesale price of AZT immediately. The company said the decrease should make the drug more accessible to more patients.

Hostages released in Kentucky

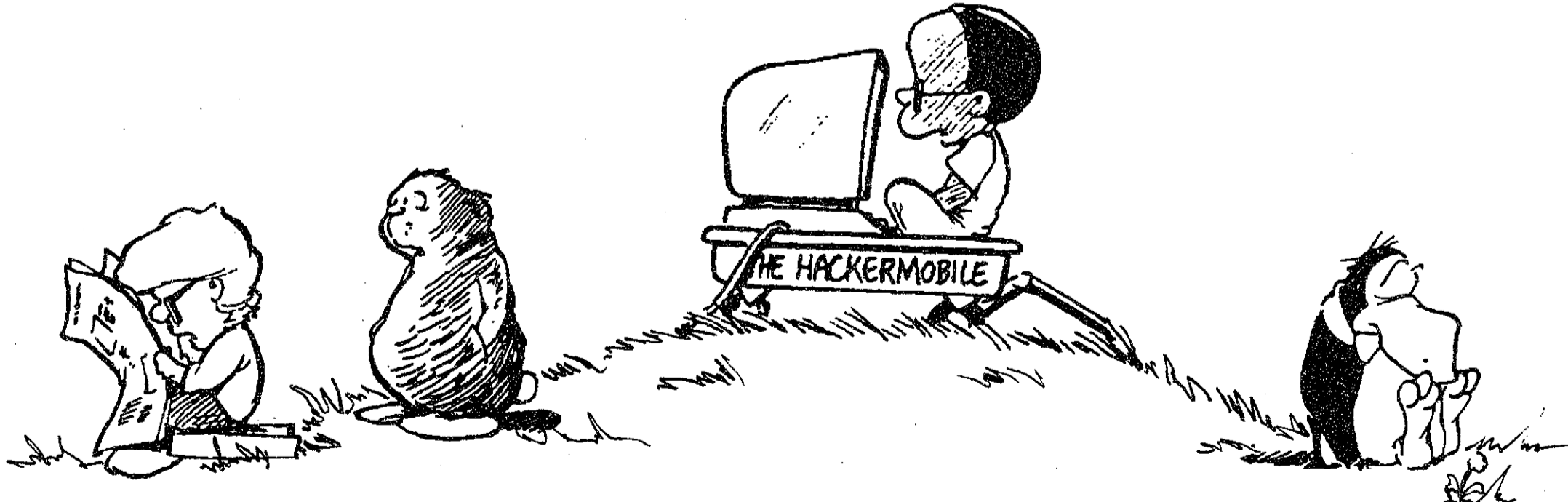
A day-long siege at a McKee, KY, high school has ended peacefully. A heavily-armed teenager had taken eleven students hostage in a classroom yesterday morning — releasing several during the day. The last two were released this evening — and the boy then surrendered.

MIT Information Systems

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opinion

Exxon's "cleanup" leaves dirty beaches

Column by Mauricio Roman

Last week Exxon stopped indefinitely its cleanup efforts on its March 24 Alaskan oil spill, leaving behind thousands of dead birds and sea otters, shattered ecosystems, hundreds of miles of beaches covered with tar, and thousands of unemployed fishermen. Exxon only managed to clean up a fraction of the spill it created, leaving nature to repair the damage and the public to pay for the consequences. The question Exxon is forgetting about is: will nature repair the damage, and if so how long will it take?

A recent report says Exxon only cleaned up 2.5 million gallons out of the 11 million spilled, mostly with the paid help of fishermen and their boats. According to another report, hundreds of miles of coastline fouled by the spill still remain uncleaned and those that were treated were inadequately cleaned.

Exxon promised to clean up every barrel of oil spilled. However, as it faced the reality that it was almost completely unprepared to do so in the first few days after the spill — when it would have been much easier to collect the oil — and that as time went by the cost of an effective cleanup soared, Exxon decided to clean up its image instead of its spill and pull out indefinitely as soon as summer was over.

As is widely known, Exxon lacked organization and equipment when the oil spill occurred. A reconstruction study published in *The New York Times* shows that much of the 11 million gallons of oil spilled on Alaska's shorelines could have been contained in the first hours of the accident. According to the study, the first full emergency crew from Alyeska Pipeline Service Company, a subsidiary of Exxon and other oil companies with interests in Alaska, did not arrive at the spill for 14 hours and the crippled tanker was not surrounded by floating oil containment booms for another 21 hours. By the time full emergency action was taken, the oil was out of any effective control, the study says.

Exxon claims that if it had been allowed by the Coast Guard to apply chemical dispersants the magnitude of the spill would have been significantly smaller. In fact, this method breaks up the oil but does not eliminate it; instead, it hides it underwater. According to scientific studies done on previous oil spills, the dispersed oil descends in the water column and in large quantities can be dangerous to fish and other marine creatures.

The oil spill rapidly extended southward. After seven days it extended ninety miles, and after two months oil could be found as far as 470 miles away. By July it was estimated that 730 miles of beach were contaminated with oil. The Wilderness Society makes the observation that if the Exxon *Valdez* had gone aground off Cape Cod, oil would be fouling most of New Jersey's shoreline and all the beaches of Cape May, Delaware, and Maryland as well as the northern Outer Banks of North Carolina — all this after devastating most of the Eastern Seaboard between Boston and New York City, including Long Island Sound.

As the deadly blanket of oil spreads southward, the public saw on its TV screens workers in orange suits wiping rocks with cloths and blasting out oil with hoses. Exxon's beach effort, however, was limited to the same 1500 yard stretch of beach for the first six weeks, according to a report released by the Wilderness Society. At the same time, Exxon was sending a pamphlet to millions of credit card holders saying that "by mid-May, essentially all of the oil on the water had been removed or had been dissipated."

It was not until May 2 that Exxon released a plan to clean the coastline affected by the spill. The plan stated that only 364 miles of coastline would be "treated" and made no provisions for continuing cleanup beyond mid-September. It also said that 191 miles of lightly-oiled coastline would not be cleaned at all.

By accepting this plan, the Coast Guard, which supervised the cleanup since two weeks after the spill, not only signed off 200 miles of coastline but

allowed Exxon to clean up the coastline according to its own standards.

Exxon's treatment of beaches consisted of washing the oil ashore with high-pressure hoses and wiping it off rocks with absorbent pads. Exxon's claim, echoed by publications such as *Newsweek*, is that they have done their best and it is nature's turn to repair the damage. Some scientists and government officials disagree; they have reasons to believe that Exxon's beach treatment is superficial, and that fragile ecosystems might have been radically affected for many years to come. Some of the reasons they give are:

- Oil becomes embedded in the fine-grained sediment in the intertidal zone and shallow bottom areas when washed ashore. Wave and tidal action and storms then cause the sediment to act like a time-release capsule — emitting clouds of oil into the water periodically over months, years, even decades, to continuously infect the microorganisms on which fish and other marine life depend. Marine ecologist Robert Howarth estimated in *Science* magazine that this effect will last for more than 20 years. To reduce this effect, treatment of oil-affected coastline should include shoveling the sand and sediment in order to remove the oil that has penetrated the surface, according to the Wilderness Society report.

In retrospect, the Bush Administration's decision to leave the cleanup to Exxon instead of federalizing the spill response was a colossal blunder.

- Exxon's coastal cleanup was concentrated on beaches exposed to wind and storms, which help remove the oil, rather than in coves and inlets where the oil is likely to remain much longer.

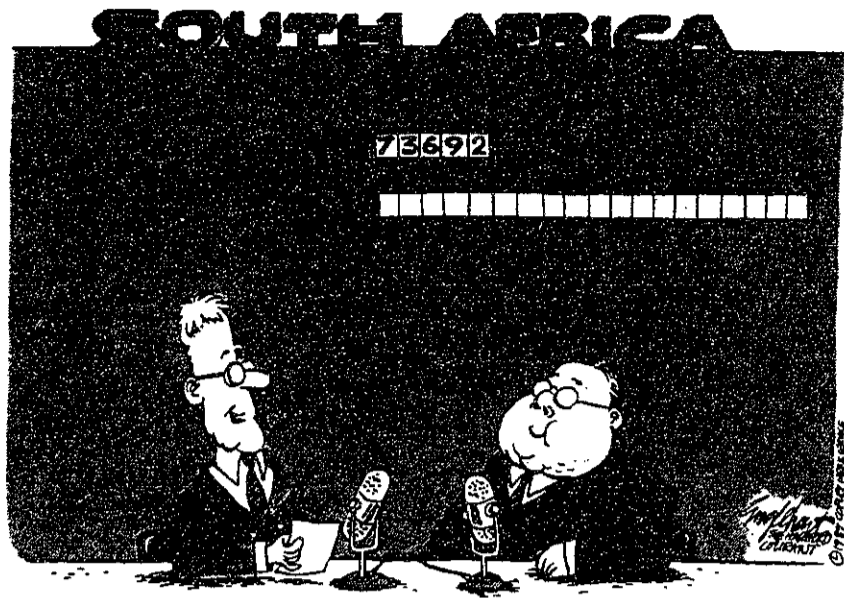
- Beaches where treated only once; many of these will be blanketed again with the oil remaining in the water.

- While studies of oil spills in tropical waters have shown that certain bacteria help decompose the oil, the gelid temperatures on the Gulf of Alaska will most probably slow down the bacterial effect.

The long term effects of the spill are unknown, but will most certainly be worse than that of any other spill in this country, especially when there are still 8.5 million gallons of slowly decomposing oil in Prince William Sound and its surrounding coastline. To ignore the potential destructive power of the remaining oil on the ecologic system is to turn the back on the future of Alaska's ecology and economy. So far, ruined fishing seasons and death tolls show the effect on the ecosystem: 33,000 birds and 980 sea otters are known to have died.

In retrospect, the Bush Administration's decision to leave the cleanup to Exxon instead of federalizing the spill response was a colossal blunder. However, if Exxon promised to "leave Prince William Sound the way we found it," as Don Cornett, Exxon's public-affairs manager said just after the spill, then it should either do so or admit its failure, but not launch a campaign of disinformation. Six months after the spill, it is virtually impossible to retrieve every drop of oil from the ocean or wipe clean every rock on the coastline. However, with a net income of \$5.26 billion, Exxon can do a much better job than it has done so far. The federal government, with the help of Congress and the state of Alaska, should ensure that Exxon complies with its promises by pressuring it to continue the spill cleanup next spring in a more thorough and organized manner than it did this summer.

Mauricio Roman, a junior in the Department of Architecture, is a photographer and news writer for *The Tech*.



"THE PEOPLE HAVE SPOKEN!"

The Tech

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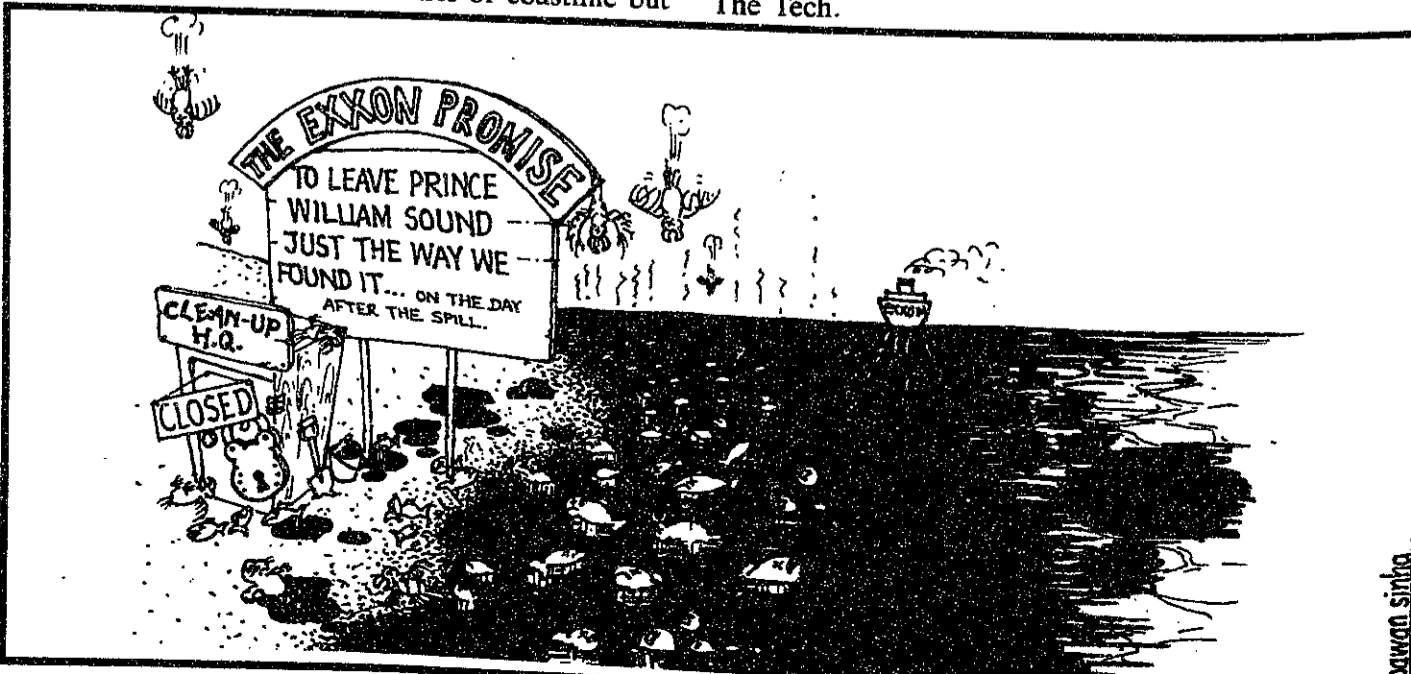
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opinion

LETTERS TO THE EDITOR

MIT orientation programs segregate students

In an effort to make new students more comfortable, MIT has decided that it is best to split students into groups. It starts when the Project Interphase students arrive and are all housed in the same dorm. Due to inertia, these students tend to stay put throughout rush because they decide that they want to stay in the same dorm they have been in all summer.

Interphase is not the only problem, though. The Institute also houses all transfers, international students, freshman athletes, and ROTC members in groups. These students are going to meet each other through their common activities whether they are housed together or not. What can be the possible reasoning behind segregating them into defined groups? The Institute's intention seems to be to make these students feel like they fit in. This can be important for international students, minorities, and transfers since they are all in special situations. I wholeheartedly support the ideas of Interphase and international and transfer Residence/Orientation. Wouldn't it be better to house them all over the campus, though? Doesn't MIT wish to encourage integration among all the students instead of fostering the idea that this group is separate from that group and another group is still different from them? The way R/O is currently run just emphasizes these ideas.

This year's international R/O, for example, held events for students in every dorm in McCormick West. An international student would never have heard of East Campus, Senior House, or Random unless they happened to take a campus tour. Transfers, on the other hand, were housed in East Campus and Senior

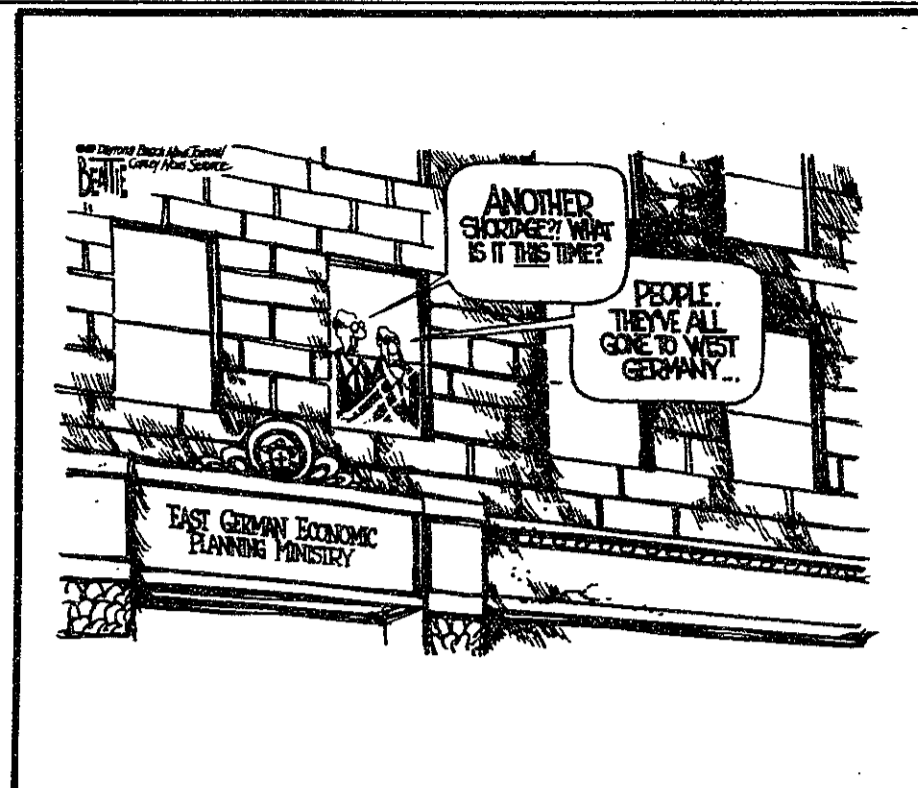
House and all of their events were held in Ashdown. Is this to say that international students should not go east of Massachusetts Avenue and transfers should not go west? It certainly sets up a nice segregation right from the beginning.

MIT seems to be in this constant struggle to appease every minority group by separating them from the rest and giving them some kind of special treatment. In some cases this is necessary, since, for example, international students need time to adjust to a new culture, let alone a new school. Who else gets special treatment, though? I have talked about transfers and "underrepresented" minorities, but what about women? Women get Women's Weekend in the spring. There was also a big "Women's Orientation" push this year. While that is very nice, and I expect a lot of people to come down on me for saying this, I thought a lot of it was unnecessary. Perhaps I have been sheltered or lucky but I have never had any problem being a woman at MIT. I have never been picked on or made to feel second class or been "tricked" into sleeping with some guy when I was drunk. I am more disturbed by the people that keep insisting on making women one group and men another. We're only people after all. Conflicts are always caused when one group says "We've got to stick together," and a different group says the same thing. No one ever thinks that it might actually be more productive to mix the two.

So MIT has predefined all of these groups before they even get here whether you or I or they like it or not. And who does that leave? I guess it is the Asian and white American men. Is that who

we are all supposed to be bracing ourselves against? Are they really that bad? Is it really that hard to fit in with them? Perhaps the members of the MIT community ought to give a little thought to these questions before they go and make Chocolate City a recognized living group, or plan another "women only" picnic, or house all the international students in the same dorm. Maybe then people will see beyond the small scope of what they think they are accomplishing to the larger scale of the mutually exclusive cliques they are actually forming.

Courtney Moriarta '91



Cartoon misrepresented Virginia Beach riots

The editorial cartoon on page 5 of last Friday's *Tech* probably went unnoticed or misunderstood by most who saw it. It showed a bottle of "Lily White" suntan lotion, "the official suntan lotion of Virginia Beach" with a grinning Klansman on the label. This refers to the recent Labor Day weekend riots in Virginia Beach, when 100,000 black students looted and vandalized the resort city.

The students were in town for "Greekfest '89," a fraternity and sorority festival. The previous year, around 40,000 students caused problems and city officials were concerned that a repeat might occur. Unfortunately, they adopted a confrontational attitude, putting the National Guard on notice, and in general fostering a climate of apprehension. They cracked down, enforcing public nuisance laws and drinking in public ordinances, making some 500 minor arrests and citations before the violence broke out. This probably contributed to and fostered the development of a riot.

I am reminded of the movie, *Do the Right Thing*, which was shown on campus this summer. I was bothered by the movie for many reasons, chief of which was that the audience, the majority of whom were black, cheered anytime the blacks in the movie harassed non-blacks. I felt the implication of the movie was that Spike Lee's character "did the right thing" after police killed the black who attacked the pizza store owner earlier. He threw a trash can through the store window, precipitating a riot and the torching of the restaurant by an angry mob.

But the conduct of the Virginia police once violence broke out was commendable. No tear gas was used. No bullets were fired by police. Control was maintained without loss of human life or serious injury. If anybody "did the right thing," it was the police, who, faced with many opportunities to allow anger to encourage them to misuse their authority and power, chose restraint.

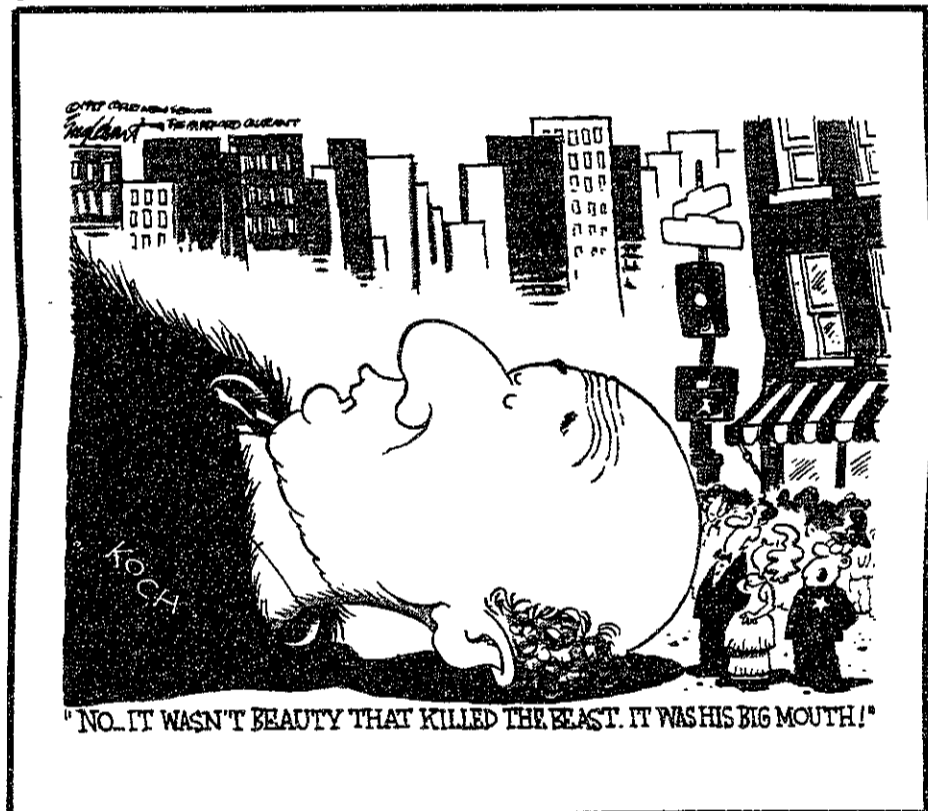
Many outsiders portrayed the situation as a racial confrontation. Perhaps the students saw it that way as they vandalized stores, loaded their cars with stolen goods and chanted "fight the power." Perhaps they felt somehow justified because of the

deeply-ingrained racist attitudes many in the area hold. But the reality is that the only ones who can truly be blamed for the riot are the students. What gives anyone the right to pillage on a wanton rampage?

As a native Virginian, I am deeply offended when those unfamiliar with what happened callously slap a racist label on my state. These students were not expressing a political will, they were

committing crimes. They did not loot stores to prove a point, they did it because it was fun and profitable. Only after the fact did anyone consider that there might be a racial angle to the situation. The fact that the rioters were all black does not excuse them from breaking the law. What would those who feel they are not racist have us do, surrender the streets to an angry mob?

Dave Atkins '90



US involved in Cambodian deaths

John Morrison's letter ["Do not forget Cambodian atrocities," Sept. 15] is a fitting admonishment for a society whose opinions are manufactured by a highly profitable and selective industry called "the media." Morrison is to be commended for taking the time to find out what is going on in Cambodia and expressing his outrage to a historically effective organization like the United Nations. Outrage is hard to come by. I would suggest, however, that as he digs a little deeper, he will become more outraged.

He would discover that the 1975-1979 rule of the Khmer Rouge is only half of the period known as the "Decade of Genocide," which resulted in approximately 500,000 to 1 million deaths from 1970 to 1975, and approximately 750,000 after the Khmer Rouge peasant forces seized power in 1975. Morrison's figure of "2 or 3 million" from 1975-1979 is a fabrication of the

US media, according to an article by Noam Chomsky.

He would discover that his opinion on this issue was engineered by a media that did not see fit to cover the devastation of the 1970-1975 war — devastation largely related to the 1969 bombing of Cambodian villages and farmlands. Like the bombings of North and South Vietnam — the most massive in the history of warfare — and Laos, and other covert activities, this bombing was intended to destroy the fabric of Cambodian society and consequently, nationalist resistance. This bombing resulted in mass starvation, a significant contributor to the above-mentioned casualty figures. Are we to bomb the hell out of a society and then call them violent?

Few would disagree that those responsible should be held accountable. But any discussion of the issue which does not take into account the major US covert military and paramilitary activity in the region is naive at best, and at worst helps the US propaganda machine, for want of a less over-used term, to obscure the issues. And now that the United States ranks with China as a major, if indirect, supporter of the Khmer Rouge, it becomes clear that a search for accountability must begin within our own borders.

Joel Gwynn '89

Fraternities hide rush realities

I am writing in response to the recent criticism of and other responses to *The Thistle's* Residence/Orientation week article, "Rush: An Insider's Guide," written by Archon Fung '90 and myself.

First of all, I would like to make it clear that while Archon and I are members of the Alpha Tau Omega fraternity, the views expressed in our article do not represent in any way the views of the ATO fraternity as a whole. The decision to write the article lay solely in our hands.

It has been suggested to me that the article was slanderous and bogus and that I should write letters of apology to those affected. Okay, well maybe it was wrong to have tried to let freshmen know about things that *can happen* during rush. Perhaps it was wrong to give freshmen the information they needed to make informed, rational decisions. I apologize only for having tried to tell the whole truth.

The InterFraternity Conference claims that rush is designed "to help freshmen find an organization which they will be comfortable with for the remainder of [their] years at MIT." [*Thistle* belittled IFC efforts on sexism, alcohol," Sept. 1] If that claim is sincere then why is it that in all the information sent to freshmen about rush by MIT and the IFC, there is only the explanation of bidding and pledging but not of flushing? IFC President Tony Gerber '90 urges freshmen in the *Undergraduate Residence Booklet* to have "three or four houses in mind when you enter rush" and to "spend enough time at

each house in order to get to know the people there." Are freshmen advised about what to do when a fraternity pressures them to stay at their house — or they may risk their chances of getting a bid — and keeps them from visiting other fraternities in which they are interested?

To the best of our knowledge, the information presented in our article is not available anywhere in "official" literature. All the techniques we described, however, can be substantiated and are, for the most part, common knowledge among upperclassmen in the fraternity system. Perhaps it is better that freshmen are not warned about the darker side of rush. Maybe the IFC is afraid that if freshmen did know about everything they would not choose to live in a fraternity. Possibly MIT also chooses not to fully inform freshmen because the fraternities are a "very important component of our residential program," according to the 1989-90 *Undergraduate Residence Booklet*. Maybe those fraternity and sorority members that were witnessed throwing away stacks of the *R/O Thistle* were right to keep the information from freshmen. As a part of the fraternity system, maybe I should see only the good things about fraternities and express those.

Finally, let it be made clear that Archon and I were and are not out to destroy the fraternity system by ruining anyone's rush. We just want the fraternity system to take a good long look in the mirror and change those things that it does not like.

Penn Loh '90

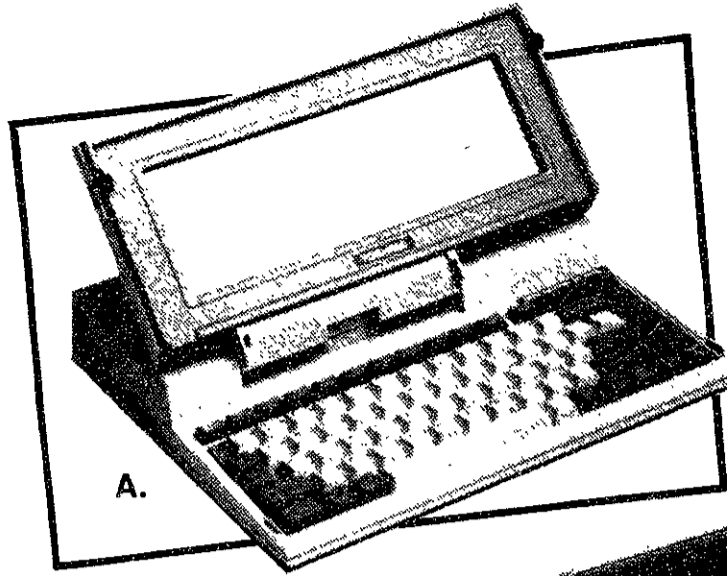
The Tech welcomes letters from its readers. All letters are subject to editing and are published solely at the editors' discretion. Authors must sign their letters and include their phone number, and MIT affiliation, if any, for verification, and should type letters double-spaced for ease of reading. Letters should be kept under 500 words. *The Tech* publishes letters anonymously only in rare circumstances, at the editors' discretion. Bring letters to *The Tech's* office on the fourth floor of the MIT Student Center or send them to: Letters to the Editor, *The Tech*, P.O. Box 29, MIT Branch, Cambridge, MA 02139; or to Room W20-483 by interdepartmental mail.

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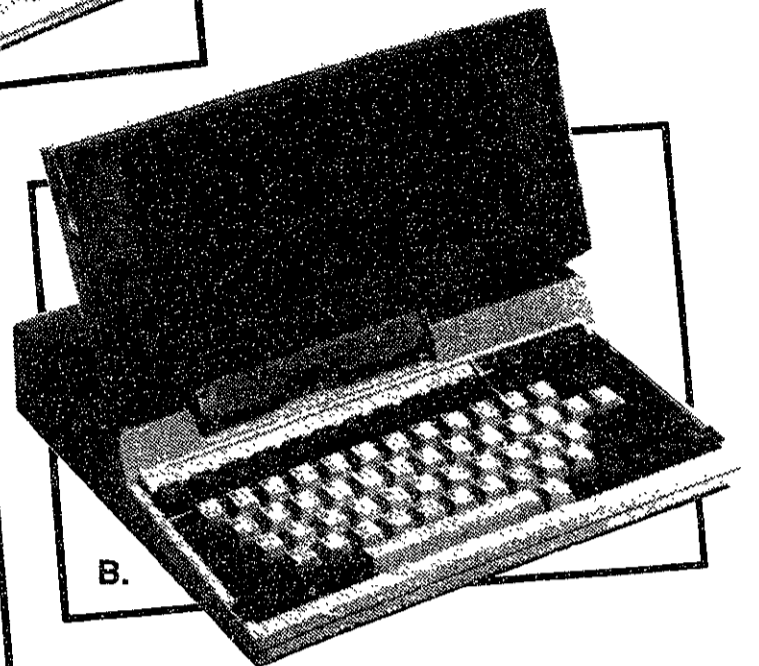
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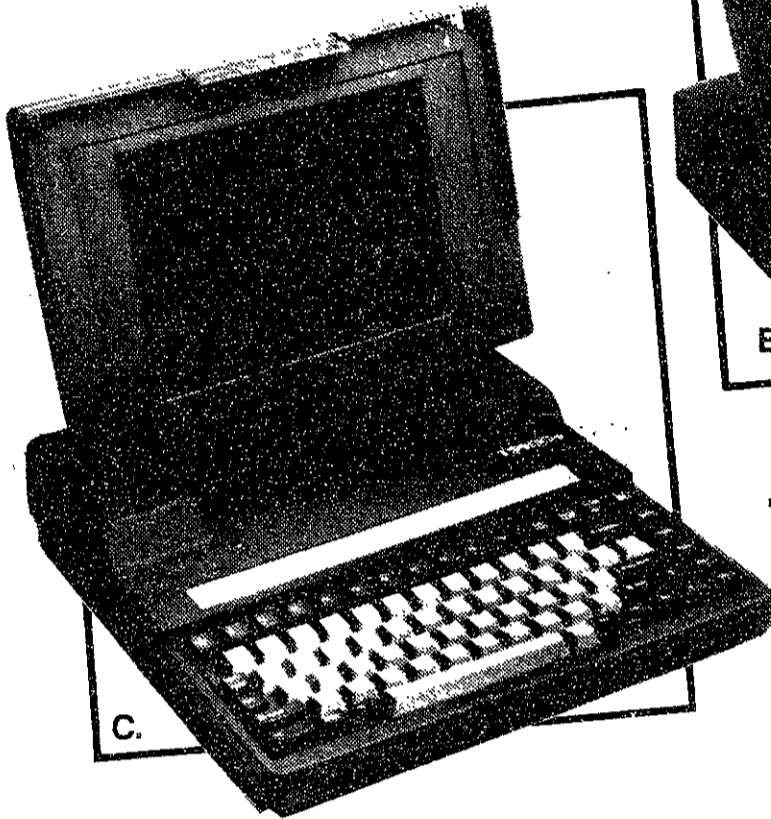


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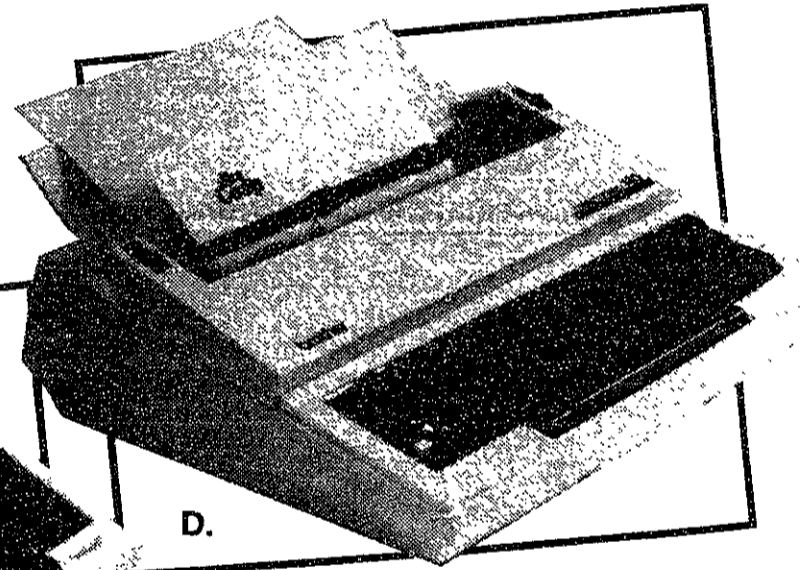
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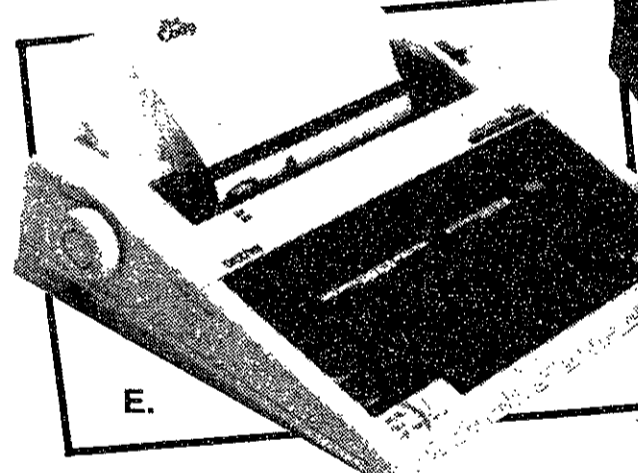


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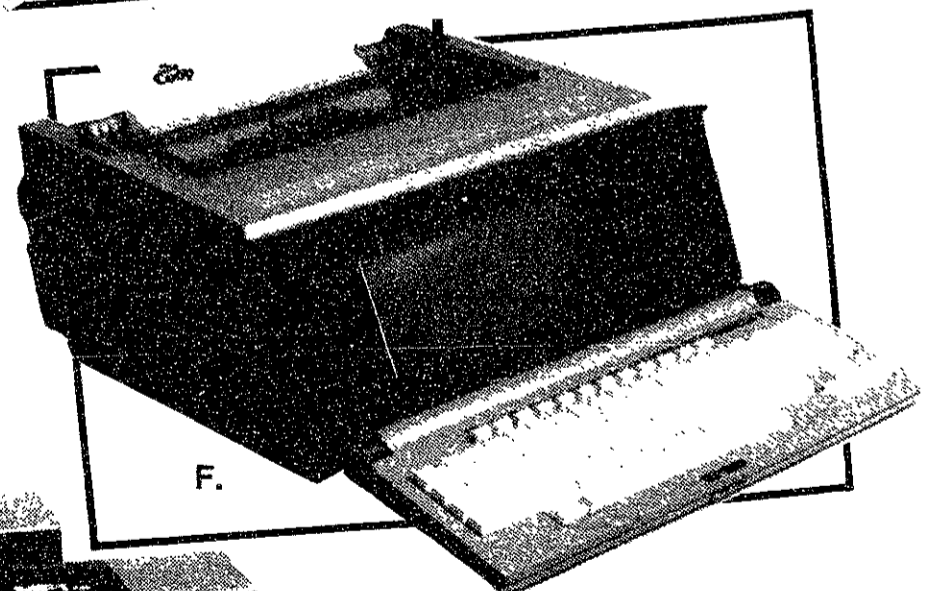
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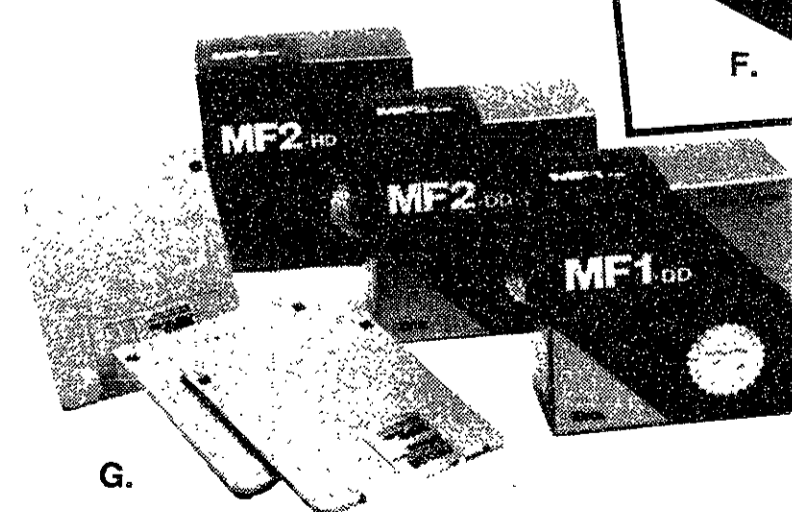
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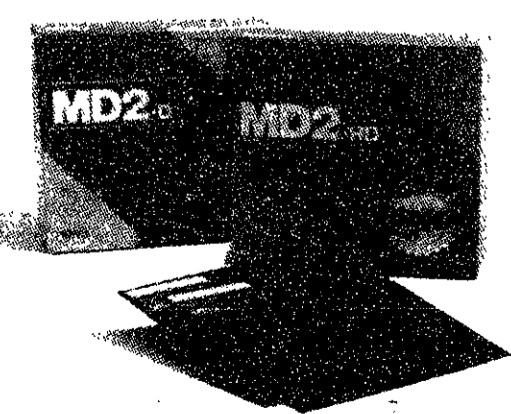
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ARTS

My Left Foot well-acted, inspiring yet not sentimental

MY LEFT FOOT

Directed by Jim Sheridan.
Starring Daniel Day Lewis,
Brenda Fricker, Ray McAnally,
Fiona Shaw, Ruth McCabe,
and Hugh O'Conor.
At the Boston Film Festival
Copley Cinema.

By JIGNA DESAI
and MARIE E. V. COPPOLA

THIS FILM IS NOT the story of a handicapped artist, but of an artist who happens to have cerebral palsy. *My Left Foot* chronicles the life of Christy Brown, painter and author of *My Left Foot*, the autobiography upon which this film is based. Born with cerebral palsy in 1932 in Dublin, physicians warned his family that he would likely be a vegetable; but his mother's love and faith encouraged him to overcome this label and prove his intelligence.

A young Christy, played by talented Hugh O'Conor, painstakingly expresses

his awareness by writing "Mother" with his left foot in one of the most touching and riveting scenes of the movie. The film follows Brown's development from birth through this "first" word and his tender and frustrating adolescence to his first meeting in 1959 with Mary Carr, his future wife. Along the way, we see how these events mold his career as a successful painter and author. Daniel Day Lewis (*The Unbearable Lightness of Being*, *Room with a View*) portrays Brown with sensitivity and passion, capturing his spirit as well as his frustration.

Day Lewis stated that his motivation for being involved in the film was that it centered on issues of disability that are not often examined, such as sexuality. He plays the physical and psychological difficulties with much poignancy and passion. In a guttural voice touched with an Irish lilt, Day Lewis portrays the fierce determination, spunk, and charm of Brown in the face of compelling circumstances such as poverty, loneliness, and limited control of his body (his left foot); but these difficul-

ties empowered Brown's art (as well as Day Lewis' portrayal) and resulted in the paintings that reflected his life — simple, stark, and raw but touched with a loving beauty.

Director Jim Sheridan proves his subtle deftness by presenting a film that is inspiring and emotional, but not sentimental. Sheridan's debut feature film is not the usual formula success story — instead he manages to reveal the darker and desperate side of Brown as well as the creative artist. In one dynamic scene, Day Lewis as the sexually and emotionally frustrated Brown creates a scene in a restaurant upon discovering that his love for Dr. Cole, his therapist and teacher, is unrequited.

Day Lewis' performance as well as Sheridan's directing make *My Left Foot* a film absolutely worth seeing. This story of an artist who defeated the odds against physical handicap, degrading stereotypes, and poverty will move you and astound you with its candidness. Although no more screenings are scheduled during the Boston Film Festival, the film will likely open in the Boston area in the near future.



A triumphant Mary Carr (Ruth McCabe) in *My Left Foot*.

See **On The Town** this issue — next page!
Compiled by Peter Dunn

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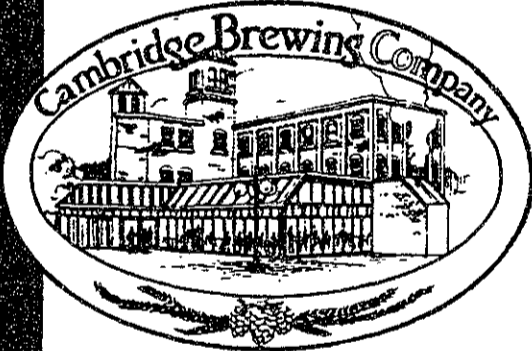
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ARTS

On The Town

Compiled by Peter Dunn

Tuesday, Sept. 19

CONTEMPORARY MUSIC

*** CRITIC'S CHOICE ***
Fine Young Cannibals, with guests De La Soul and Mint Juleps, perform at Great Woods, Routes 140 and 495, Mansfield. Tickets: \$17.50 and \$20.00. Telephone: 787-8000.

The Boogaloo Swamis perform at the Rat, 528 Commonwealth Avenue, Kenmore Square, Boston. Tel: 247-8309.

THEATER

1000 Airplanes On The Roof, David Henry Hwang's psychodrama revolving around the personal testimony of a single character spirited away into an alien world, opens today at 7 pm as a presentation of the American Repertory Theatre at the Emerson Majestic Theatre, 219 Tremont Street, Boston. Continues through September 24 with performances at 8 pm and Saturday-Sunday matinees at 2 pm. Tickets: \$14 to \$28. Telephone: 547-8300.

FILM & VIDEO

*** CRITIC'S CHOICE ***
The Wizard of Speed and Time, written, directed, and starring Mike Jittlov, continues daily at 12:30, 2:45, 5:15, 7:30, & 10:00 at the Nickelodeon Theatre, 34 Cummington, Boston, near Kenmore Square.

The International Arts Exchange presents **The Rokoko's Entrance into the Island Realm of the Huzzis** (1988, Mara Mattuschka & Hans Werner Poschanko, Vienna) as part of **Austrian Artists - Boston 1989** at 7:30 at the Massachusetts College of Art, Longwood Building Room 309, 364 Brookline Avenue, Boston. Also presented September 22 and 23 at 9 pm at Mobius, 354 Congress Street, Boston. Admission: \$3 general, \$2 seniors and students. Telephone: 625-3636.

Wed. Sept. 20

CONTEMPORARY MUSIC

The Gunn Club and Cxema perform in an 18+ ages show at Axis, 13 Lansdowne Street, Boston, near Kenmore Square. Telephone: 262-2437.

*** CRITIC'S CHOICE ***

Scruffy the Cat and El Caminos perform at Johnny D's, 17 Holland Street, Davis Square, Somerville, near the Davis Square T-stop on the red line. Telephone: 776-9667.

THEATER

Killer's Head, Sam Shepard's monologue about an impending electrocution, opens today as a presentation of the American Toe Starr Theatre at Venus de Milo, 11 Lansdowne Street, Boston. Continues through September 30 with performances Wednesday-Saturday at 8 pm. Tickets: \$8. Telephone: 787-8000.

FILM & VIDEO

The Brattle Theatre continues its Wednesday series **Film in the Cities** with **Wings of Desire** (1988, Wim Wenders) at 4:45, 7:15, & 9:45. Located at 40 Brattle Street, Harvard Square, Cambridge. Admission: \$5 general, \$3 seniors and children. Telephone: 876-6837.

*** CRITIC'S CHOICE ***

The Somerville Theatre presents **Tampopo** at 5:30 & 9:30 and **Red Sorghum** at 7:45. Also presented Thursday, September 21. Located at 55 Davis Square, Somerville, just by the Davis Square T-stop on the red line. Admission: \$5 general, \$3 seniors and children (good for the double feature). Telephone: 625-1081.

EXHIBITS

Lucas Samaras: **Objects and Subjects 1969-1986** opens today at the Museum of Fine Arts, 465 Huntington Avenue, Boston. Telephone: 267-9300.

Thursday, Sept. 21

CONTEMPORARY MUSIC

Pop Will Eat Itself performs at Axis, 13 Lansdowne Street, Boston, near Kenmore Square. Telephone: 262-2437.

The Del Fuegos perform at 10 pm at the Paradise, 967 Commonwealth Avenue, Boston. Telephone: 254-2052.

CLASSICAL MUSIC

The New England Bach Festival Orchestra performs works by J. S. Bach, C. P. E. Bach, Handel, and Mozart at 8 pm in the Edward Pickman Concert Hall, Longy School of Music, Garden and Follen Streets, Cambridge. Tickets: \$12 general, \$10 seniors and students. Telephone: 802-257-4523.

FILM & VIDEO

The Brattle Theatre continues its Thursday film series **Early Godard** with **Contempt** (1963), starring Brigitte Bardot, at 4:00 & 7:55 and **The Married Woman** (1964) at 6:00 & 9:55. Located at 40 Brattle Street, Harvard Square, Cambridge. Admission: \$5 general, \$3 seniors and children (good for the double feature). Telephone: 876-6837.

POETRY

*** CRITIC'S CHOICE ***
 Mary Oliver, Pulitzer-prize winning author of **American Primitive**, is presented in the first reading of the **Poetry at the Media Lab** series at 7:30 in Bartos Theatre, MIT Weisner Building E15. No admission charge. Telephone: 253-0355.

Friday, Sept. 22

CONTEMPORARY MUSIC

The Care, with guests Shelleyan Orphan, performs at Great Woods, Routes 140 and 495, Mansfield. Tickets: \$19 and \$21. Telephone: 787-8000.

Shy Five, Happy Campers, and **Big Train** perform at T.T. the Bears, 10 Brookline Street, Cambridge, just north of MIT. Telephone: 492-0082.

Band 19, Salem 66, and **Blue Chowder** perform at the Rat, 528 Commonwealth Avenue, Kenmore Square, Boston. Telephone: 247-8309.

CLASSICAL MUSIC

Vocalist Pat Griffin and pianist Sheila Waxman perform works by Barber, Schumann, and Fauré in a "Voices" recital at 12:05 in Killian Hall, MIT Building 14. No admission charge. Telephone: 253-2906.

FILM & VIDEO

The MIT Lecture Series Committee presents **Pillow Talk** (Michael Gordon) at 7:30 in 10-250 and **Dangerous Liaisons** (Stephen Frears) at 7:00 & 10:00 in 26-100. Admission: \$1.50. Telephone: 258-8881.

The Brattle Theatre presents Nicholas and Alexandra (1971, Franklin Schaffner) at 4:25 and **Doctor Zhivago** (1965, David Lean) at 8:00. Also presented Saturday, September 23. Located at 40 Brattle Street, Harvard Square, Cambridge. Admission: \$5 general, \$3 seniors and children (good for the double feature). Telephone: 876-6837.

The Somerville Theatre presents **Twilight of the Cockroaches** at 5:30, 7:45, & 9:45. Continues through September 28. Located at 55 Davis Square, Somerville, just by the Davis Square T-stop on the red line. Admission: \$5 general, \$3 seniors and children. Telephone: 625-1081.

Saturday, Sept. 23

CLASSICAL MUSIC

ALEA III - Kucyna International Composition Competition, featuring works by Luigi Abbate, Javier Gimenez-Noble, Christos Samaras, Michael Goleminoff, Cheng-Yong Wang, Alexandros Kalogeras, David Macbride, David Pickel, and Andrew Vores is presented at 7 pm in the Tsai Performance Center, Boston University, 685 Commonwealth Avenue, Boston. No admission charge. Telephone: 353-3345.

FILM & VIDEO

The MIT Lecture Series Committee presents **The Last Temptation of Christ** (Martin Scorsese) at 6:30 & 10:00 in Kresge. Admission: \$1.50. Telephone: 258-8881.

The MIT Student Center Committee presents **Batman** at 11 pm in Kresge. No admission charge. Telephone: 253-3916.

Sunday, Sept. 24

CONTEMPORARY MUSIC

*** CRITIC'S CHOICE ***
Robyn Hitchcock (solo acoustic) performs at T.T. the Bears, 10 Brookline Street, Cambridge, just north of MIT. Telephone: 492-0082.

*** CRITIC'S CHOICE ***

The Dead Milkmen perform in an 18+ ages show at 7 pm at the Paradise, 967 Commonwealth Avenue, Boston. Telephone: 254-2052.

CLASSICAL MUSIC

The Boston Museum Trio performs *The Scale and Other Ensemble Pieces* by Marin Marais at 3 pm in Remis Auditorium, Museum of Fine Arts, 465 Huntington Avenue, Boston. Tickets: \$12 general, \$10 MFA members, seniors, and students. Telephone: 267-9300 ext. 306.

Organist James Johnson performs works by Bach, Bruhns, and Mendelssohn as a presentation of the Harvard University Art Museums at 5:30 at Adolphus Busch Hall, 29 Kirkland Street, Cambridge. Admission: \$5 general, \$4 seniors and students. Telephone: 495-4544.

FILM & VIDEO

The MIT Lecture Series Committee presents **The Man with the Golden Gun**, starring Roger Moore as Agent 007 and Christopher Lee as Scaramanga, at 7 pm & 10 pm in 26-100. Admission: \$1.50. Telephone: 258-8881.

The Brattle Theatre continues its Sunday film series **A Tribute to Laurence Olivier** with **Wuthering Heights** (1939, William Wyler) at 3:45 & 7:35 and **The Divorce of Lady X** (1938, Tim Whelan) at 2:00, 5:45, & 9:35. Located at 40 Brattle Street, Harvard Square, Cambridge. Admission: \$5 general, \$3 seniors and children (good for the double feature). Telephone: 876-6837.

The Harvard-Epworth Church presents **The Gang's All Here** (1942, Busby Berkeley) at 8 pm. Located at 1555 Massachusetts Avenue, Cambridge, just north of Harvard Square. Admission: \$3 contribution. Telephone: 354-0837.

EXHIBITS

*** CRITIC'S CHOICE ***
Image and Imagination: 150 Years of Photography, an exploration of the evolution of the technology of photography, opens today at the MIT Museum Building, 265 Massachusetts Avenue, Cambridge. Continues through December 31 with Museum hours Tuesday-Friday 9-5 and Saturday-Sunday 12-4. Admission: \$2 requested donation, free to MIT community. Telephone: 253-4444.

Monday, Sept. 25

FILM & VIDEO

The Brattle Theatre continues its Monday film series **Femmes Fatales** with **The Big Heat** (1953, Fritz Lang), starring Gloria Grahame and Glenn Ford, at 4:15 & 7:55 and **Pushover** (1954, Richard Quine), starring Kim Novak and Fred MacMurray, at 6:05 & 9:40. Located at 40 Brattle Street, Harvard Square, Cambridge. Admission: \$5 general, \$3 seniors and children (good for the double feature). Telephone: 876-6837.

Tuesday, Sept. 26

CLASSICAL MUSIC

The Griffin Music Ensemble performs works by Elliott Carter, Oly Wilson, Mario Davidovsky, Arlene Zallman, Gyorgy Kurtag, and David Rakowski at 8 pm in the Wang Center Grand Lobby, 270 Tremont Street, Boston.

Upcoming Events

Joe Jackson at Great Woods on September 28. Pat Metheny Group at the Orpheum Theatre on September 28. **Big Audio Dynamite** at the Channel on September 28, 29, and 30. **Gordon Lightfoot** at Symphony Hall on October 1. **Joe Cocker** at Lowell Memorial Auditorium on October 5. **Boston Ballet** performs **Romeo and Juliet** at the Wang Center, October 12 to 22. **Bob Dylan** at the Opera House on October 23, 24, and 25. **David Byrne** at the Orpheum Theatre on October 26 and 27. **Martha Graham Dance Company** at the Wang Center, October 27 to 29.

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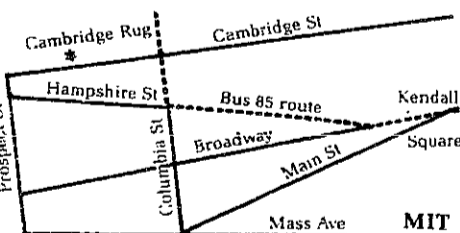
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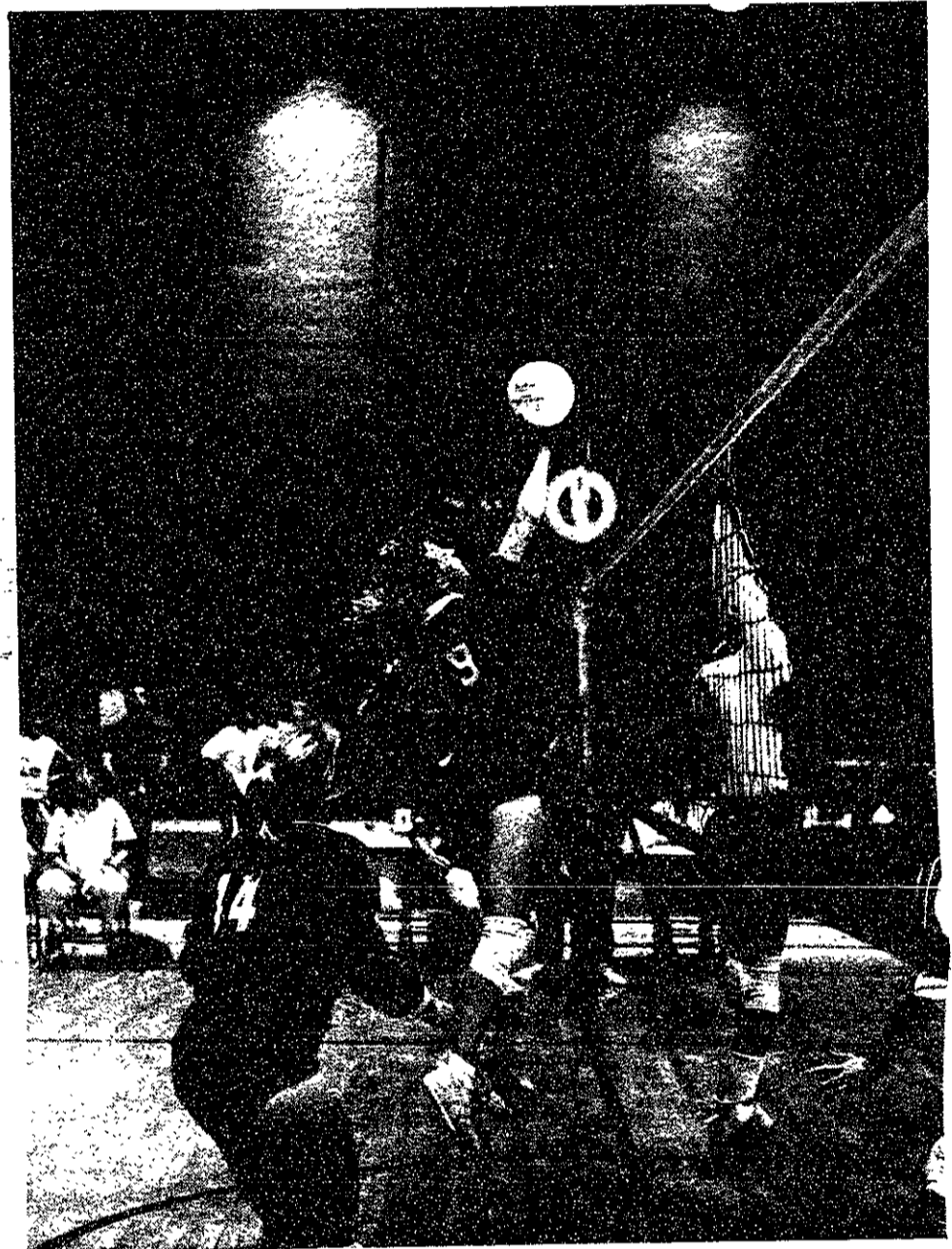
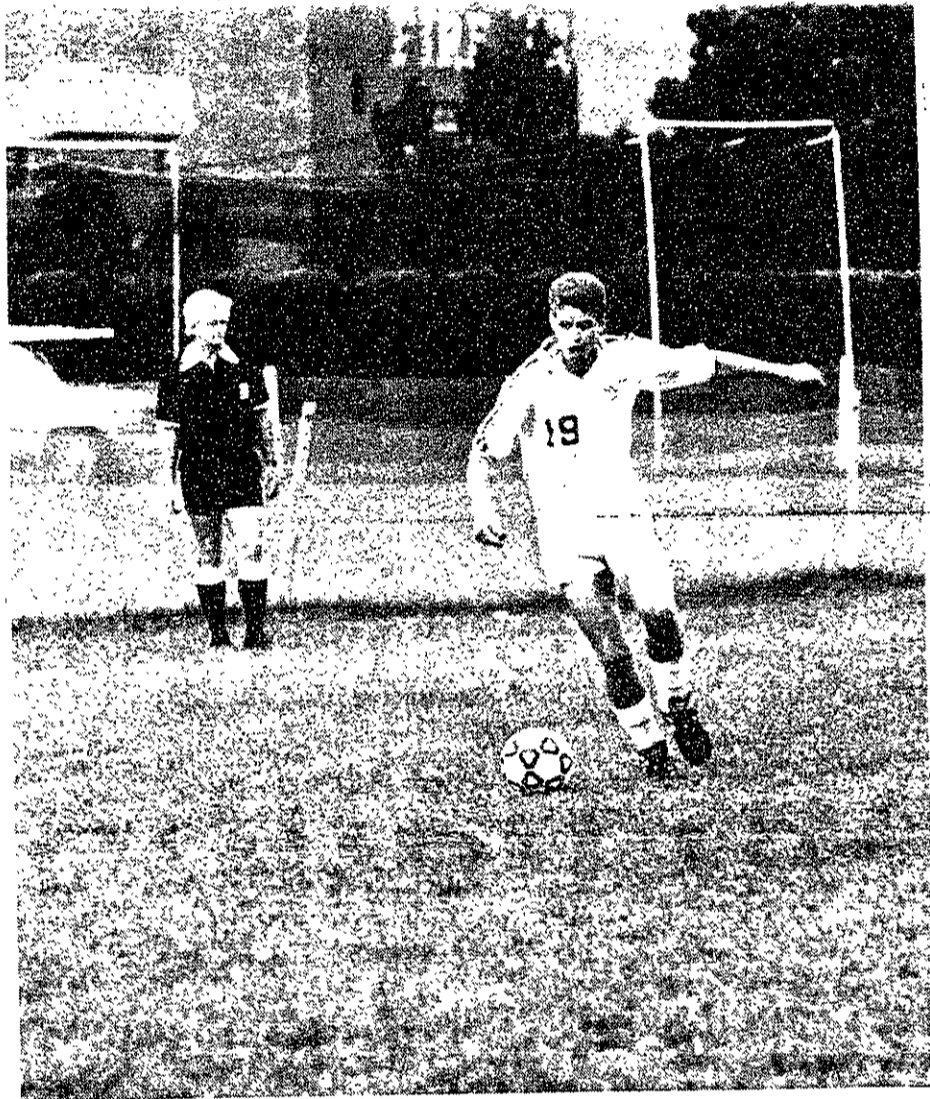
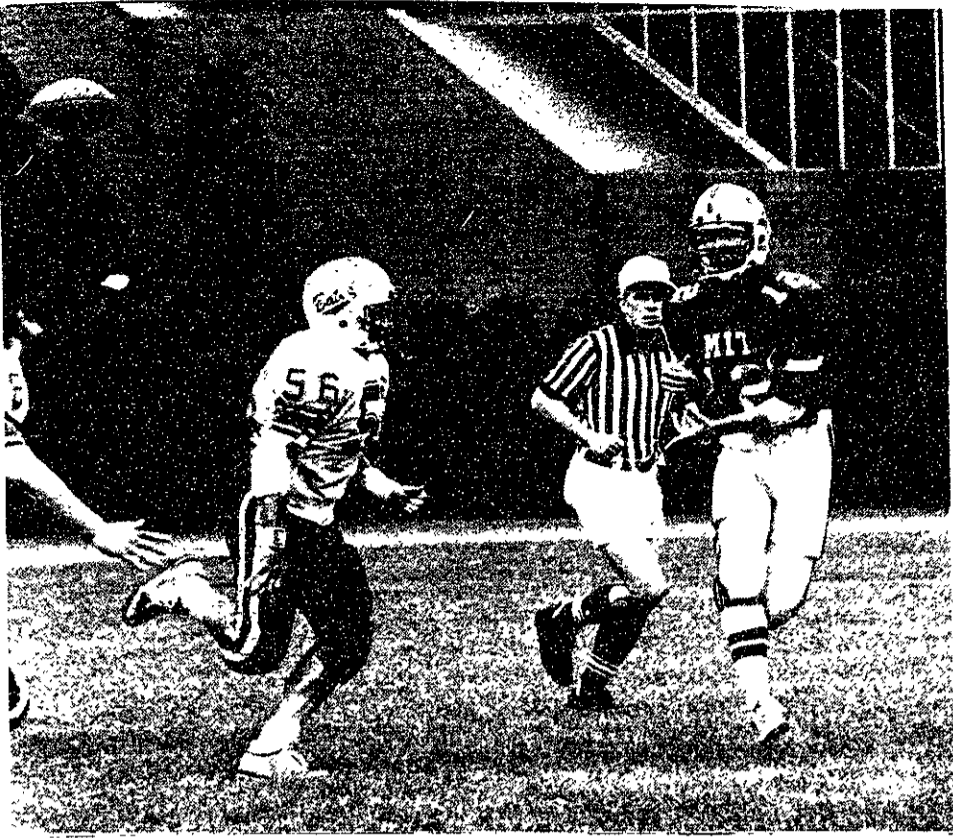
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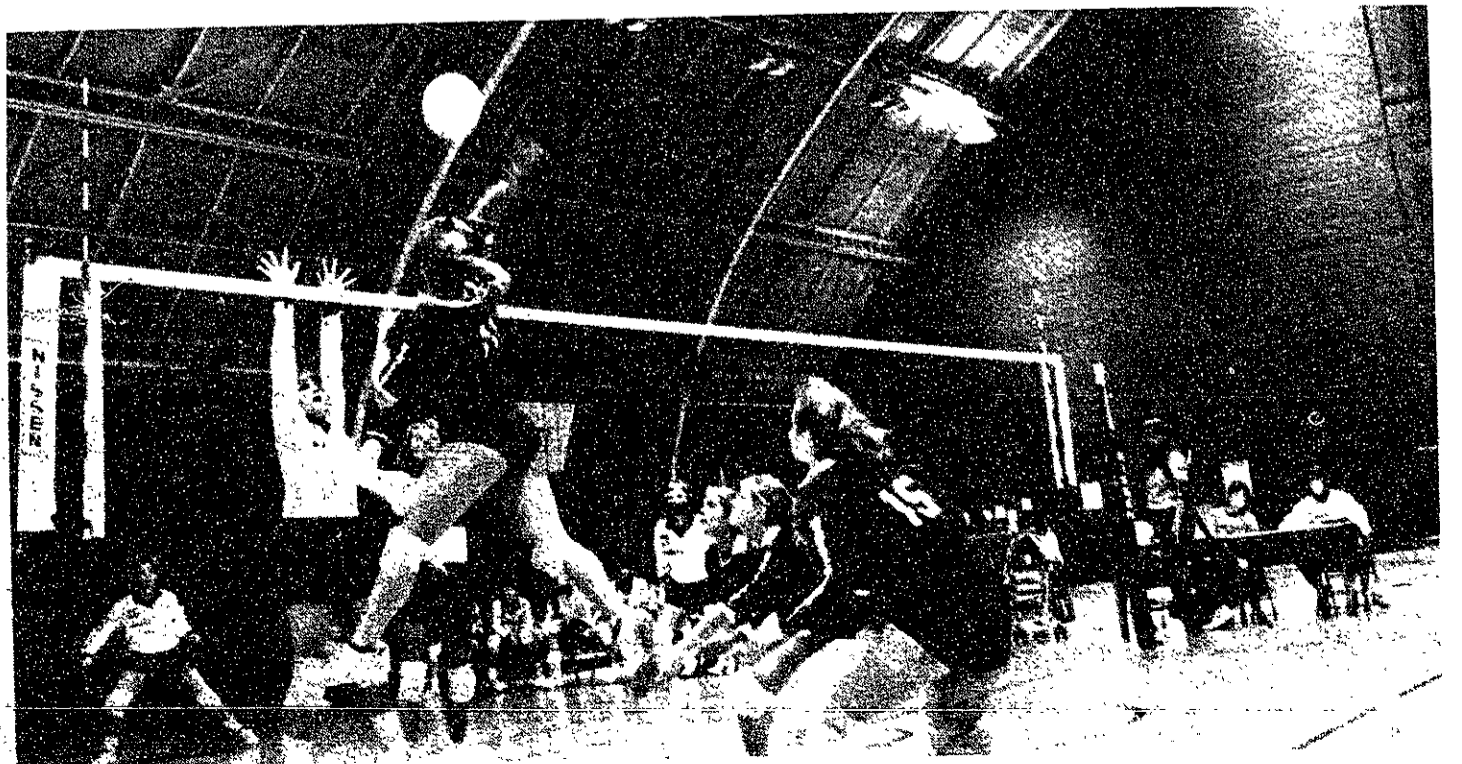


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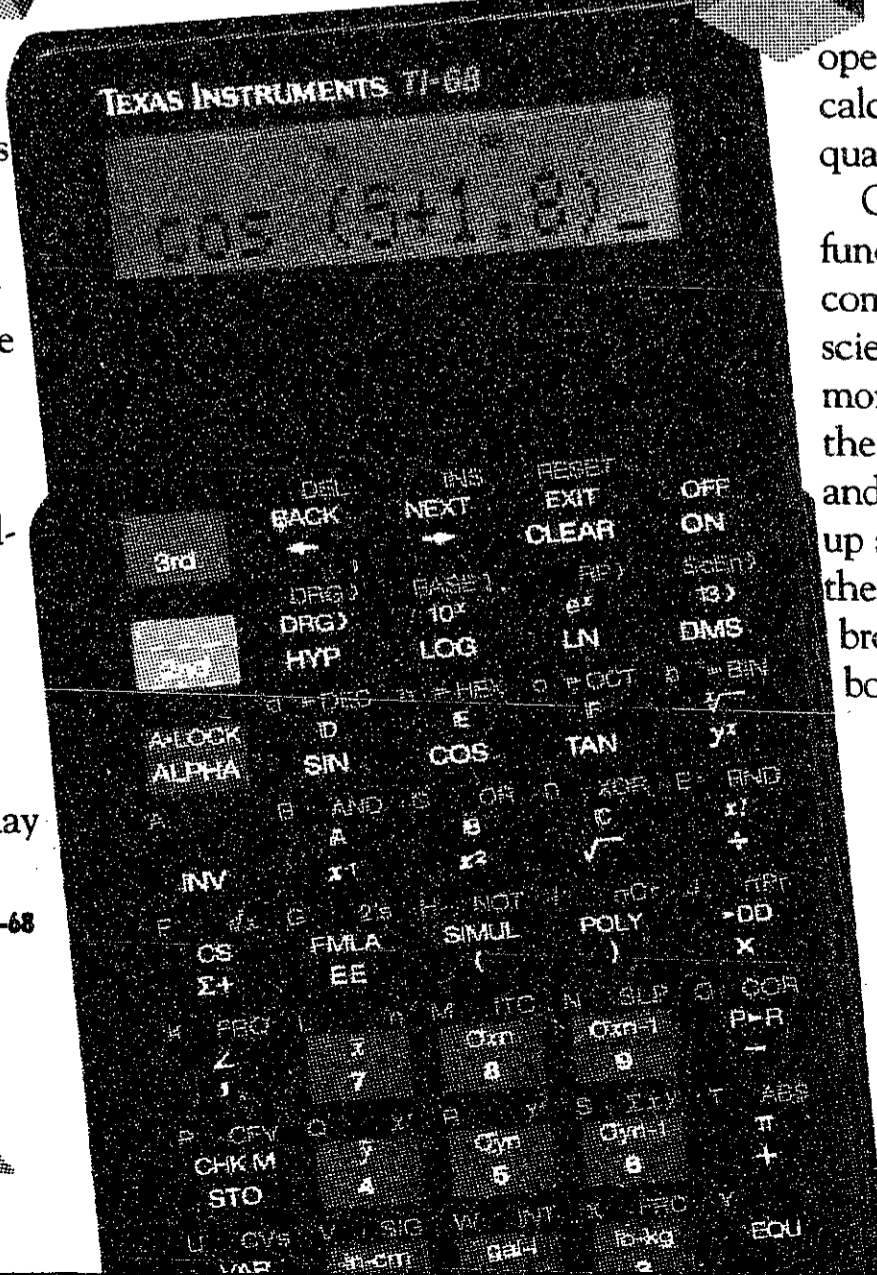
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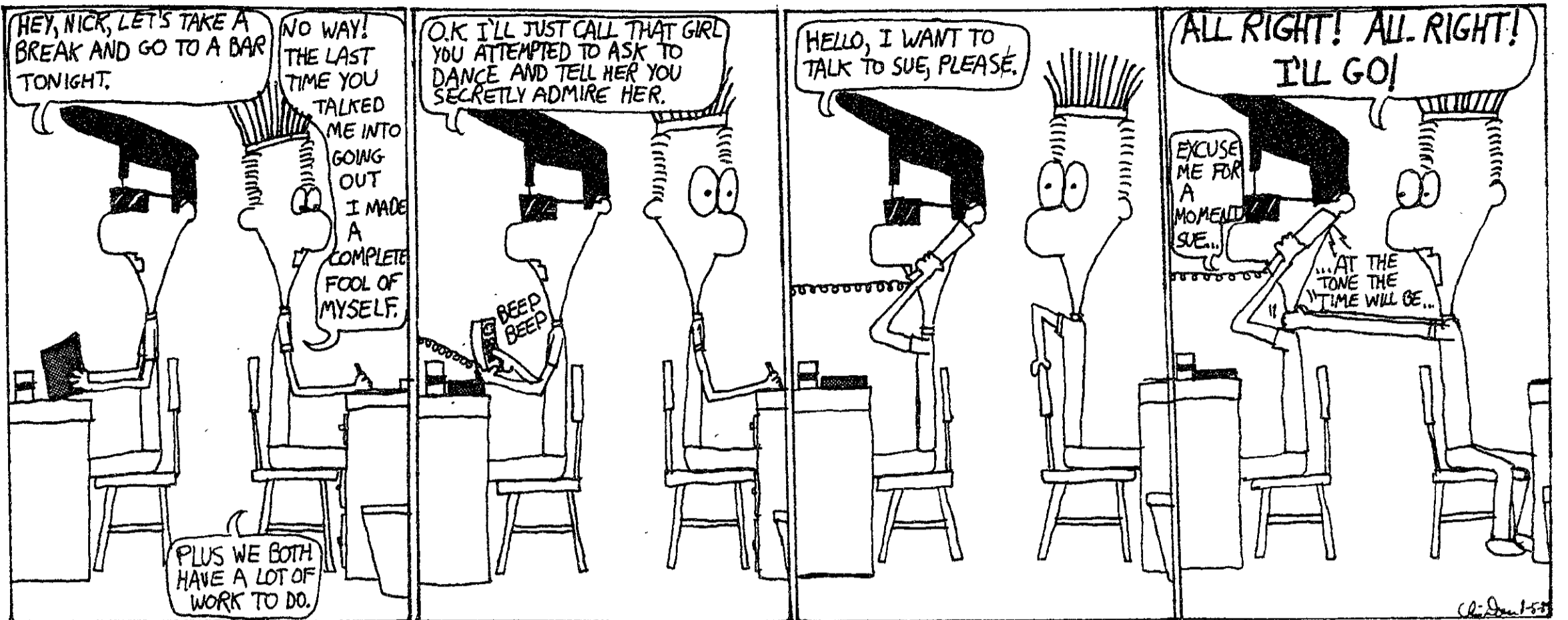


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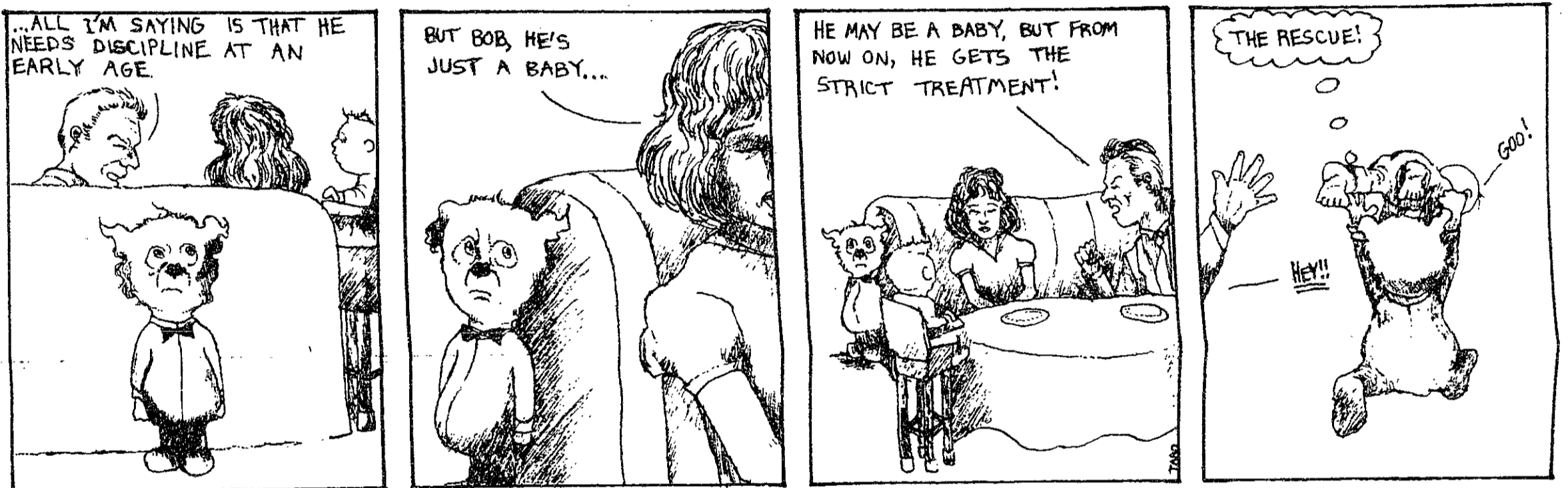
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Ethics forum features Challenger engineer

(Continued from page 1)

on the problem as possible before taking independent action.

Besides the *Challenger* affair, Boisjoly described a number of other instances in which superiors pressured him to revise his reports of technical defects or limitations in products. Boisjoly suggested that engineers in such situations should ask themselves, "Would you allow your wife or children to use that product?"

Should engineers work on certain projects?

While Boisjoly's ethical dilemmas involved technical problems in products and projects, Marks suggested the existence of another set of dilemmas in which the basic question was whether engineers should work on given products and projects.

Marks noted that professionals in his own field, civil engineering, are rarely criticized for raising questions of safety or defects; civil engineers are, after all, supposed to build large structures that "don't move," he said. But civil engineers must consider how large projects will affect communities. Such effects can be

tremendous, he said. As an example, Marks suggested that the interstate highway system has altered the basic fabric of American society.

How should an engineer react when he believes a project, while technically sound, will disrupt a community or otherwise negatively impact society? Questions about how to line up one's own values with those of one's superiors or of other parts of society do not lend themselves to easy solution, Marks asserted.

Boisjoly and Klein recommended that recent graduates looking for entry-level engineering positions carefully examine a prospective employer's policies regarding quality control and the handling of technical advice. But they should be aware that such policies are sometimes mere "window dressing" that companies ignore on important matters, Klein warned.

Boisjoly also recommended that engineers seek certification and professional engineer (PE) status as a way of increasing the professional respect accorded engineers and of bolstering their clout in conflicts with superiors.

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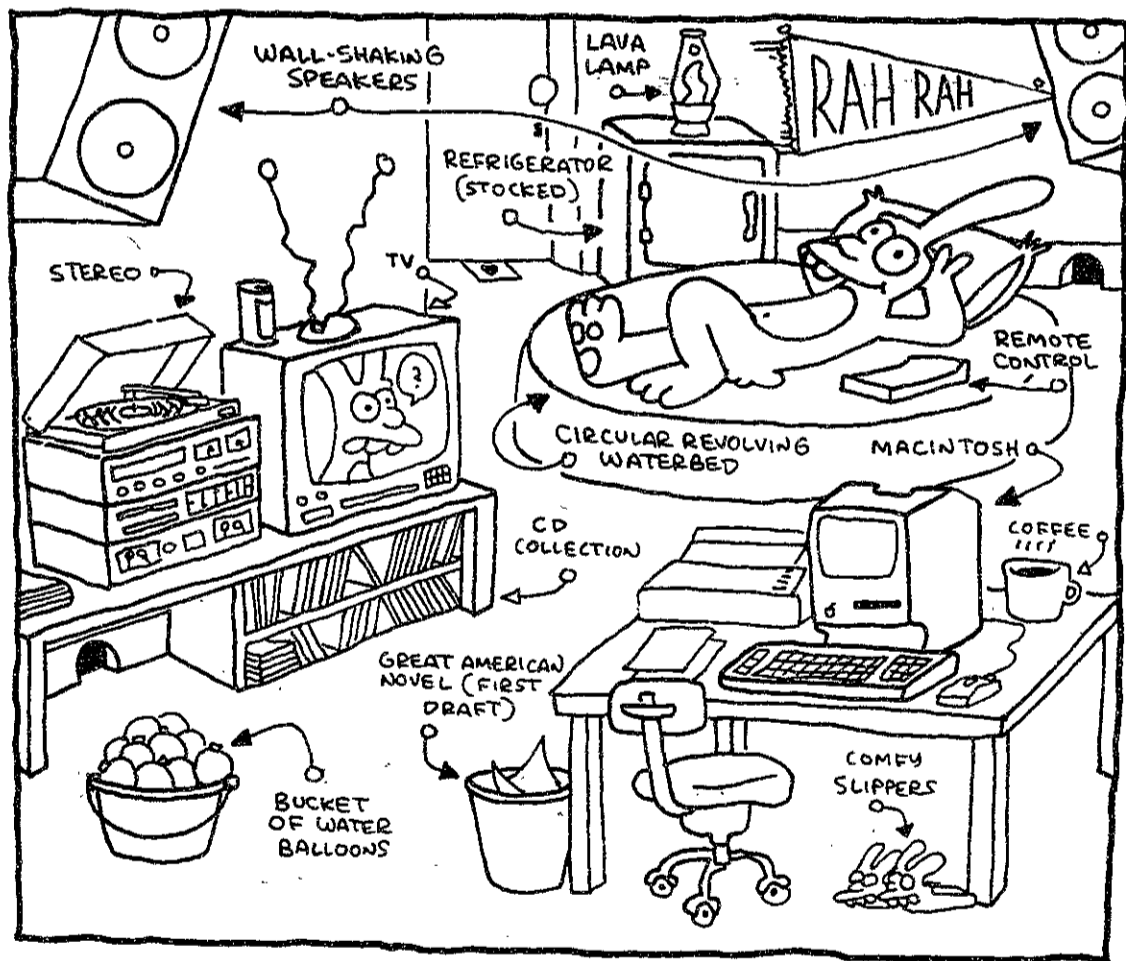
Mary Oliver

Thursday
September 21
7:30 pm

Bartos Theater
Weisner Building (E15)

Mary Oliver, Pulitzer Prize winner for *American Primitive* (1984), is one of the most respected and recognized contemporary poets. Her poems have appeared in numerous publications including *The New Yorker*, *Poetry*, *Atlantic*, *Kenyon Review*, and *Harvard Magazine*. Recently the Poet-in-Residence at both Bucknell University and the University of Cincinnati, she now lives in Provincetown, Massachusetts. On Thursday, Ms. Oliver will read her own poetry and the poetry of those who have influenced her. This is the first of four Thursday night readings scheduled this term. Refreshments will be served and copies of some of her books will be on sale. Series funded in part by the MIT Council for the Arts.

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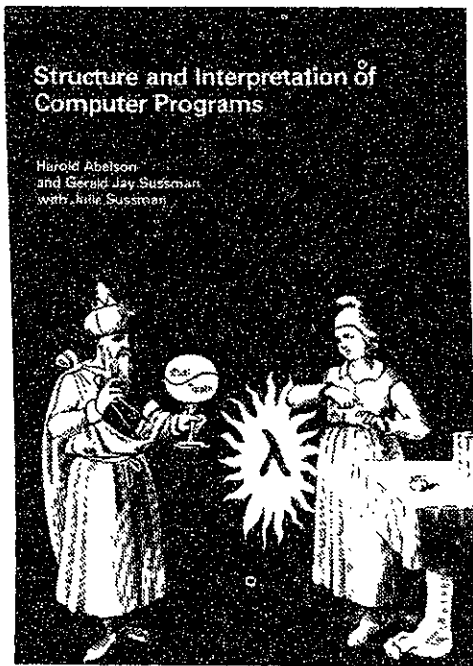
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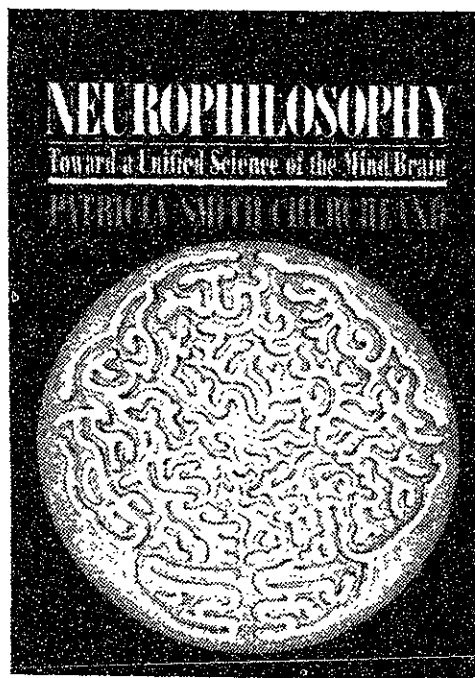
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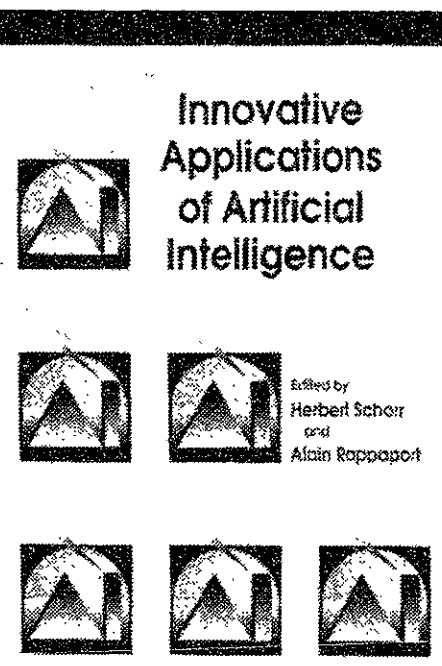
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Grierson named athlete of the year

MIT swimmer Yvonne Grierson '90 was named New England College Athletic Conference Female Athlete of the Year on the strength of her double national championship performances in swimming last year. She is the first MIT athlete to be so honored. Bill Singhose '90 was named as runner-up in the men's division for his track exploits. The NECAC encompasses all colleges in New England.

Men's soccer improves record

The men's soccer team improved its record to 2-1 with victories at Nichols and at home against the University of Chicago. Both games were won by shutouts as MIT nailed Nichols, 4-0, and cut down Chicago, 2-0. Hannes Smarason '91 led the Engineers in the first game, scoring two goals.

Women's soccer stays perfect

The women's soccer team upended the University of Illinois-Chicago Sunday by a score of 3-1. This victory, combined with earlier defoliations of Elms and Pine Manor Colleges, leaves the team at 3-0 on the year. The start is the best in team history and matches last year's victory total.

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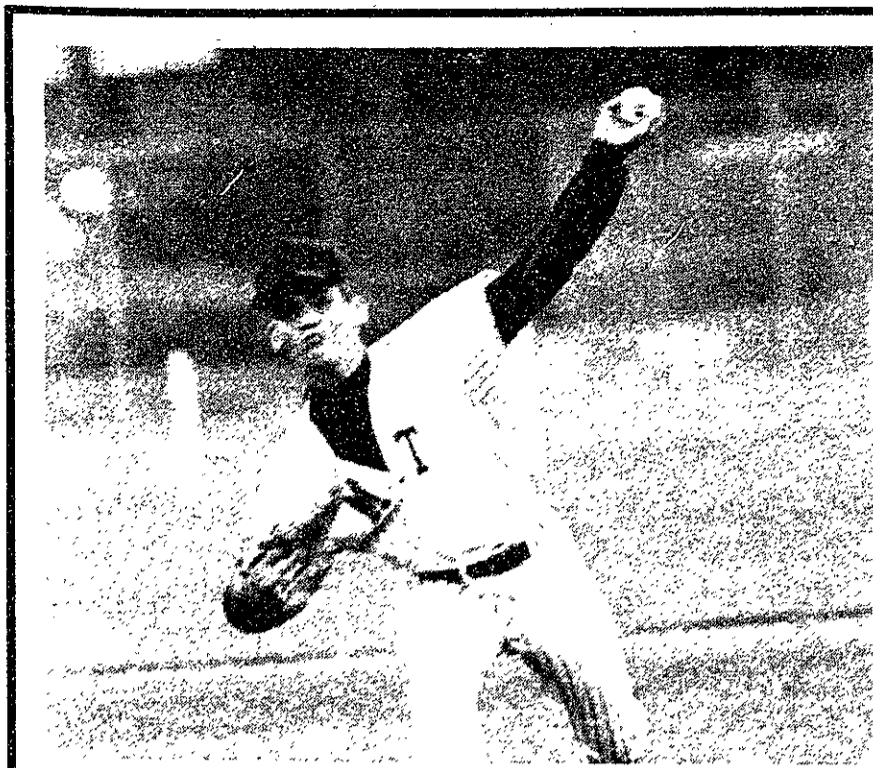
Water polo goes 3-1 over weekend

The water polo team played impressively this weekend as they won three out of the four games they played. They dunked Dayton, 14-8, beat Boston College, 15-13, and pounded Princeton, 11-8. The only loss was to Richmond, 10-6.

Rugby starts on high note

The rugby club opened up their season with a convincing 26-6 stomping over a seasonally strong Springfield team. The team was recently admitted to the New England Rugby Union Men's B Division, which allows all members of the MIT community to participate on the team.

Compiled by Shawn Mastrian and the Sports Information Office



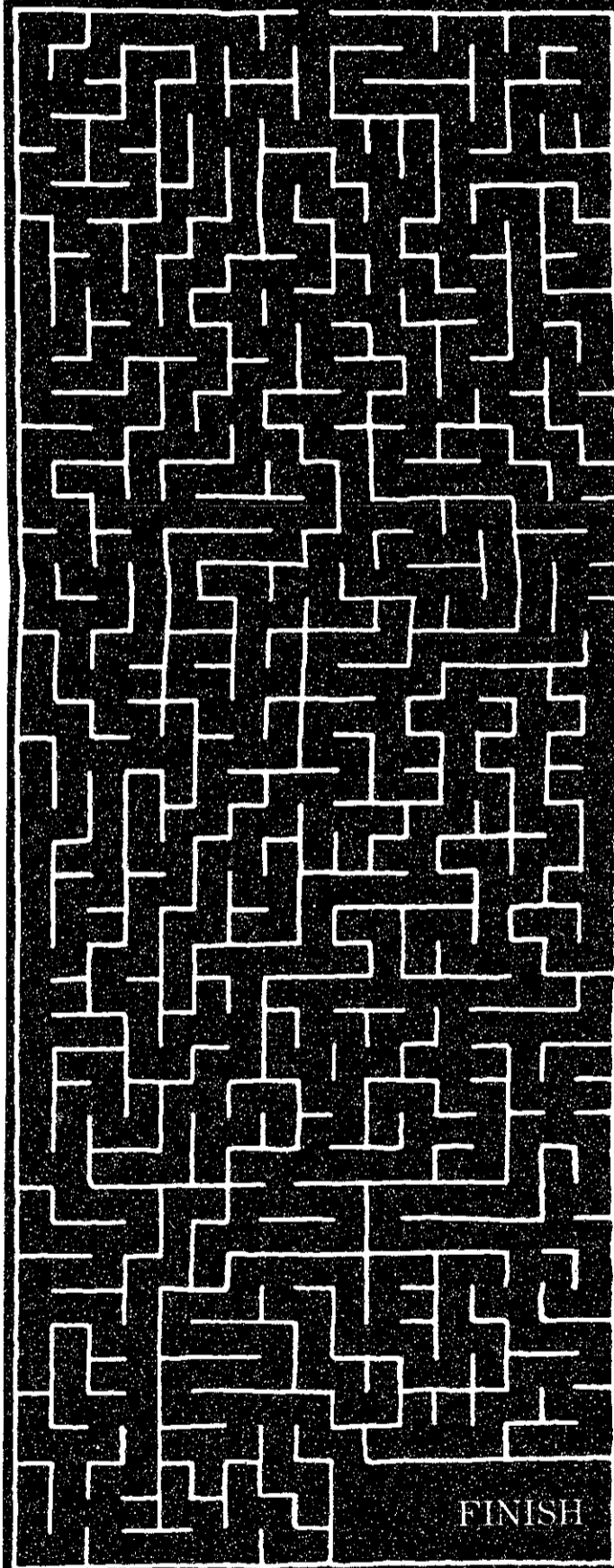
Ken Church/The Tech

A fast thinking baseball player winds up his throwing arm to send the ball infield. MIT played Plymouth State on Sunday.



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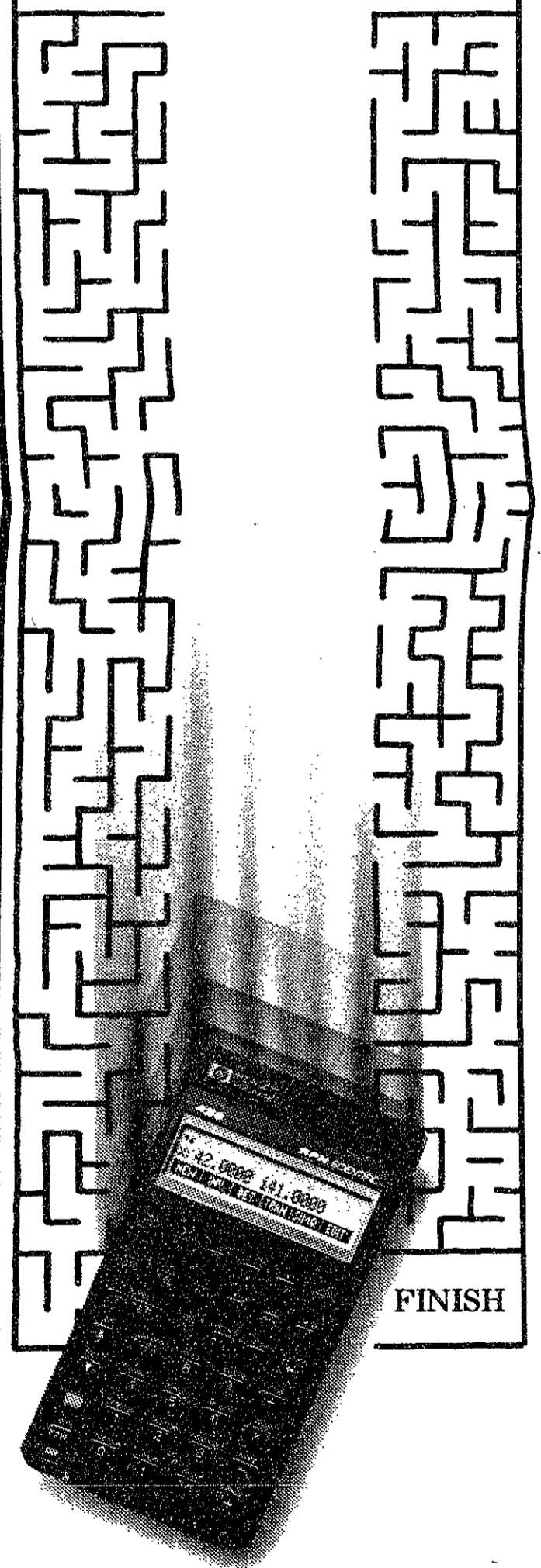
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sports

Beavers lose pre-season game, but show strength



Jeff Drbohlav '91 escapes the clutches of Bates' defensive line.

Jeremy Yung

Women's volleyball defeats Smith

By David Rothstein
The women's volleyball team opened the season with a convincing win over defending New England Women's Eight Conference champion Smith College Saturday in the DuPont Gymnasium.

MIT overcame a slow start and a 15-13 loss in the first game, and went on to beat the Pioneers in four: 13-15; 15-12; 15-7; and 15-3. Smith falls to 1-1, after an earlier win over Babson College. Coach Karyn Altman, now in

her seventh year as coach, credited her team with tough serving and a crisp transition game.

Smith, which lost a strong middle hitter (last year's NEW-8 Player of the Year, Nancy Satchwell) to graduation but returned two starting setters, led early in the first game, 6-2. Neither team played particularly well in the first game, according to Altman, but MIT's timidity paid off for Smith.

MIT again fell behind, 0-4, in the second game, but came back on the strength of tough serves by Nyla Hendrick '92 and Tonya Parker '90.

"We never got a chance to see if they had a middle [to replace Satchwell]," said Altman, because Smith's offense was disrupted by the strong serves.

The Engineers did not look back after the second game, jumping out to 6-0 and 8-1 leads in the third and fourth games, respectively, en route to the easy victory.

Four MIT players had more than 30 attempts each as Cecilia Warpinski '90 (23 kills, .404 hitting), Debbie Nungster '90 (14, .363), Cynthia Parrish '92 (14 kills), and Parker (11 kills) led MIT's offense. Senior Jenny Harris set most of the match and was able to take advantage of strong passing by her teammates.

MIT travels to Wheaton College Tuesday night.

By Shawn Mastrian
Though MIT lost a pre-season football game to Bates College on Saturday, 13-7, the intra-squad scrimmage did indicate strength in the Beaver lineup. MIT dominated the first half of the game, losing in the second half only after substituting in its reserve players.

The Beavers started the game by taking the opening kickoff and marching down the length of the field to score their only touchdown. Most of the drive was engineered without starting tailback Shane LaHousse '90, who had his field of vision cut in half after taking a vicious hit. This proved not to be problem as senior quarterback Tim Day led his troops steadily down the field. Day himself scored the touchdown on a fourth-and-goal situation as he easily rolled into the end zone behind massive linemen Bob Kupbens '90 and Joshua Ertischek '91.

Bates, however, did not fare as well. A fired-up MIT defense kept the Bobcats from advancing much beyond the line of scrimmage in three tries, and Bates was forced to punt. This was the norm throughout the first half as Bates was unable to put together a drive of any consequence. A tough defensive line and excellent work in the defensive secondary continually frustrated the Bobcat attack.

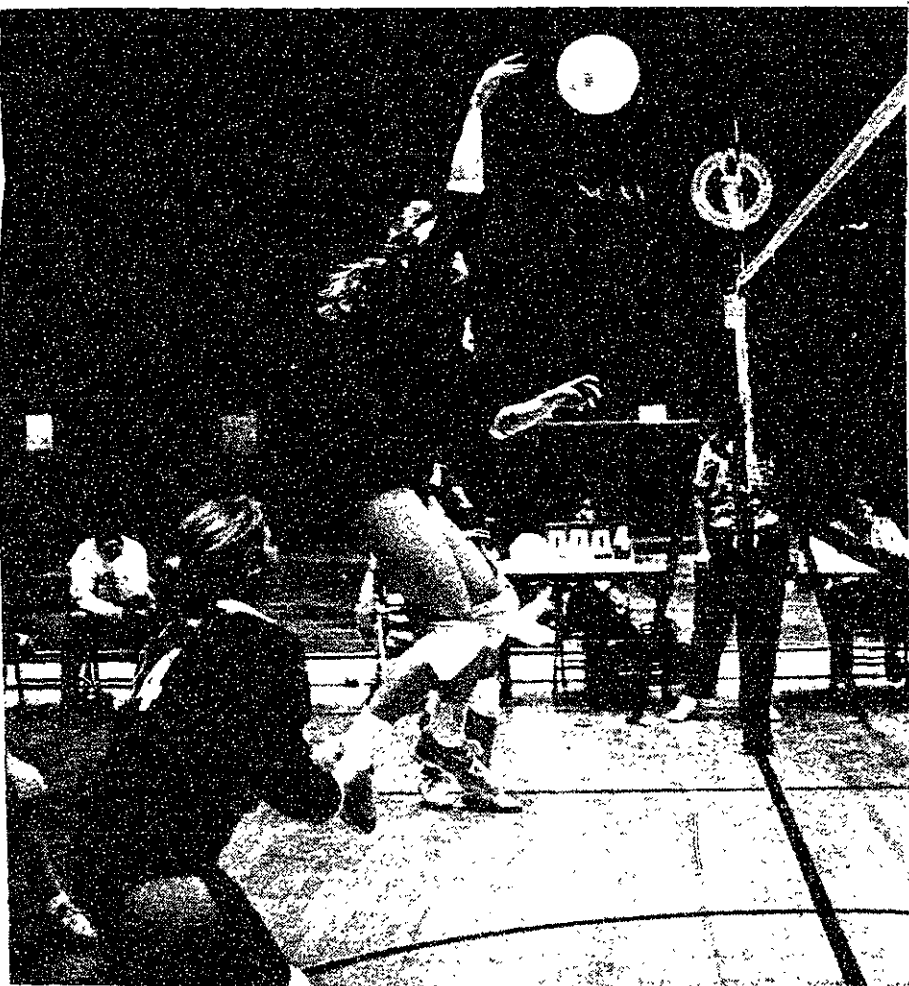
On offense, the Beavers were almost as impressive. On each of their subsequent possessions, they rammed the ball right down the throat of the Bates defense

and were able to penetrate deep into the Bobcat end. The only thing that stopped their drives were two interceptions and a couple of dropped passes. This kept the MIT lead at 7-0.

In the second half, the Beavers played their back-up players while the Bobcats stuck with their first team. This probably explains why the MIT domination suddenly disappeared, and Bates was able to score their thirteen points. The highlights of the second half were two late defensive stands with MIT trailing 13-7. On one, Bates had just recovered a fumble deep inside MIT territory, but the substitute defense pushed them backwards and forced a fumble, keeping the Beaver hopes alive. All was for naught, however, and the Beavers lost.

The game proved to be more of a victory than a loss, however. As it was merely a scrimmage, it meant nothing in the standings. The first string players proved that they will indeed be a force in the ECFC this year. The offense looked unstoppable, save mental errors which should disappear in a game situation. The defense was impregnable, and will probably be even sharper with a scrimmage under their belts. And even though the reserves were unable to contain Bates as the starters did, this was mainly due to inexperience; they should improve as the season continues.

(Editor's note: Friday's issue will feature an in-depth look at the team, with its key members highlighted.)



Jenny Harris '90 sets for the spike by Debbie Nungster '90. MIT won against Smith College, 3-1.

Michael Franklin/The Tech

Upcoming Home Events

Tuesday, September 19

3:30 Field Hockey v. Gordon College

Wednesday, September 20

3:00 Men's Soccer v. WPI

4:00 Women's Tennis v. WPI

Thursday, September 21

3:30 Field Hockey v. Babson College

3:30 Women's Tennis v. Boston University

7:00 Water Polo v. Harvard University

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