

Ronald E. Becker
MIT surges ahead with the ball in Sunday's game vs. Bentley. The Beavers lost 35-13. See story page 20.

Students favor pass/fail

By Akbar Merchant

Most students present at a Undergraduate Association forum on the freshman year consider pass/fail necessary despite negative consequences. The students focused on possible changes in freshman policies at the Oct. 16 forum, led by UA Vice President Sarah R. Thomas '87 and Becky D. Edmiston '87, chairman of the Student Committee on Educational Policy.

David S. Wiley '61, head of the Undergraduate Academic Support Office, solicited opinions concerning freshman summer pre-registration. This would require more detailed course descriptions than are presently provided in the *Freshman Handbook*, students said. They

suggested a catalog of freshman subjects that would not be as confusing and "intimidating" as the course catalog they receive when applying to MIT.

Students emphasized the freshman year should act as a buffer period during which students adjust to the tougher competition and workload at MIT. The freshman year should "get everybody up to the same level [in science courses]," said Timothy A. Steele '89. Students also feared that eliminating pass/fail would increase the dropout and suicide rates.

One of the negative consequences of pass/fail is the temptation to put less effort into classes, the group felt. Some upperclassmen said they did not develop necessary study skills during freshman year. Others said they were able to meet people and participate in activities because they didn't have to do all the work a class requires.

Distinguish between first and second term pass/fail

"Learning to adapt to MIT is a two-step process," according to Dean S. Ebesu '89. First-term, one adjusts to being at MIT and away from home, while second-term one learns to manage time, he said. "[Second-term,] you learn how to select ... which

classes to do your work in," he explained.

The message freshmen are supposed to receive in summer mail is that the freshman year is a time to experiment, Edmiston said.

Several freshmen said they felt locked into basics — physics, calculus and chemistry — which only left room for one humanities subject and possibly a seminar. Many freshmen are not aware they can take chemistry spring term and explore a major or an extra humanities in fall, one student said.

An additional concern was whether freshmen take departmental requirements to "test the waters" or to get them out of the way early while on pass/fail. Several Electrical Engineering and Computer Science majors said they took Structure and Interpretation of Computer Programs (6.001) during the freshman year for this reason, and also because they wanted to avoid a difficult load in later terms.

Upperclassmen complained that freshman advisors may be unqualified or inaccessible. Advisors should be better informed about options in freshman subjects this year because of reforms in the advising program, according to Edmiston.

Stith speaks at conference

By Desmond O. Davis

Students at the 14th annual MIT Black Students' Conference on Science and Technology asked themselves how to attain and maintain excellence in a technological society.

The Oct. 17-18 conference, dedicated to the memory of astronaut Ronald E. McNair PhD '76, began with a career showcase and an opening dinner with keynote speaker Rev. Charles Stith, minister at Boston's Union United Methodist Church. Stith has travelled around the world for the last six years in the interests of human rights, venturing most recently into Nicaragua and Honduras to evaluate US policy toward these countries.

Stith appealed to the audience to pursue greatness. His plan entailed "three P's": perseverance, performance, and preparation. "I challenge you to pursue greatness," Stith said.

"This generation is open to

many more resources than any previous generation," Stith declared. "We expect greatness from you. You represent the fruit of a generation that did so much with so little. We should all aspire to be great, it is at our essence. Desire for greatness is part of human spirit."

"Greatness requires that you must serve," Stith continued. "Service is not a once-in-a-while do-goodness. It is a literal transformation of head and heart, an agenda that starts from a point of 'What can I do for others?' ... Sometimes service requires more than a commitment; often a sacrifice is necessary."

Students submitted resumes and made contracts for summer and full-time employment at the career showcase. Twenty companies attended the showcase, including American Telephone and Telegraph, Bell Communications Research, The Jet Propulsion Laboratories, Hewlett-Packard

Company, 3M Company, Northrop, and Proctor and Gamble Company.

The student turnout of 112 topped last year's attendance. Holli E. Jones-White '75, conference planning committee member, was pleased with the attendance but said that increasing undergraduate participation would be a goal for next year.

ODSA gradually fills vacancies

Analysis

By Ben Z. Stanger

The dust is beginning to clear in the Residence and Campus Activities section of the Office of the Dean for Student Affairs, following the departure of seven staff members over the past year.

Changes in Campus Activities

Andrew M. Eisenmann '75, former staff assistant for campus activities, has stepped in to replace Judith M. Douglass as the section's executive officer. Douglass moved to Boston College, where she is an assistant to Vice President for Student Affairs Kevin Duffy.

Eisenmann's appointment became official Oct. 1, but he said he is still feeling "schizophrenic" in the new position, because of lingering responsibilities to the Undergraduate Academic Support Office. "I'm still in transition," Eisenmann said. He expects to be settled by next week, although he may continue to supervise Campus Activities financial matters.

As executive officer, Eisenmann will act as consultant to the dormitory housemaster and tutor program, dining service and selected discipline cases. He said he would like to see more interaction between the ODSA and students on a personal level.

Also new in the Residence Section is its chief, Associate Dean for Student Affairs James R. Tewhey, who replaced Robert A. Sherwood this summer.

Other spots still vacant

The post of Assistant Dean for Student Affairs vacated by Peter H. Brown remains unfilled. The responsibilities of the position are broad and numerous, including:

- reviewing graduate student housing policy and dormitory billing procedure;
- training dormitory and fra-

ternity resident tutors;

- long range planning for on- and off-campus housing;
- advising living group activities and supervising Talbot House.

One candidate turned the job down in favor of a Woodrow Wilson scholarship, and another was deemed unqualified by the selection committee, Section Head Tewhey said.

Eisenmann's old position as Staff Assistant for Campus Activities is likewise empty. Eisenmann said the position has been publicized and he hopes it will be filled soon.

Marie Danziger, who joined the ODSA in a newly created position, is helping take up slack in the advising program, Residence/Orientation planning and UASO concerns. Other shifts will occur as new workers get settled.

Turnover not seen as handicap

Despite the large turnover in his section, Tewhey said ODSA's situation "couldn't be totally bleak" because applicants have shown great interest in the available positions. Tewhey himself, who came from the Dean's Office at Smith College, left his old job at the same time as four others in the same office. "A lot has to do with timing," he added.

People relocate for a "variety of reasons," Tewhey noted. "I don't see myself tied to MIT for the next 20 years ... at least not in this position," he said.

Eisenmann also felt the large change in personnel was due to external forces. People who work with student services must sometimes look at their own professional objectives, he pointed out.

Professors encourage greenhouse research

By Robert Adams

The "greenhouse effect" is worsening, according to Professor Michael McElroy of Harvard's Department of Earth and Planetary Sciences at yesterday's Technology and Culture Seminar. The greenhouse effect is the name given to the rise in global temperatures caused by an excess of chemicals in the atmosphere.

The burning of fossil fuels and the use of new agricultural processes are causing a buildup of gases in the atmosphere, McElroy explained. These gases, which include carbon dioxide, methane, and nitrous oxide, reflect heat back to the surface of the earth, causing a rise in temperatures all over the earth.

The rate of the buildup of these gases is accelerating, McElroy warned. In fact, some of the gases have very long lifetimes and will remain in the atmosphere for decades.

The greenhouse effect could lengthen agricultural growing seasons, alter immigration patterns, and shift the availability of resources, said Eugene Skolnikoff, director of the Center for International Studies.

Government action on the greenhouse effect is possible, said Skolnikoff, who served as a scientific advisor in the Eisenhower, Kennedy, and Carter administra-

tions. The US government has shown that it has the ability to incorporate long-term scientific projections into its goals, Skolnikoff added.

But Skolnikoff warned that the greenhouse effect "is a global phenomenon, and global action is necessary." The actions of one country are not likely to have a major impact, he said.

Before the world can act to avert the problems that will result from the greenhouse effect, "We obviously have to do more research," Skolnikoff commented. "Governments cannot yet take serious action on the greenhouse effect because it requires a level of certainty that is simply not available," he asserted.

In addition to measuring harmful gases, governments can also study alternatives to burning fossil fuels, methods of extracting these gases from the atmosphere, and cleaner agricultural processes, he continued.

What a government should do beyond scientific study is a complicated issue, Skolnikoff pointed out. "We might leave a worse environmental world" to future generations if we fail to counteract the greenhouse effect.

On the other hand, restrictions on the burning of fossil fuels "might leave a poorer world for our grandchildren," he said.

Daniel J. O'Day

Daniel J. O'Day '87 died sometime between Wednesday and Friday last week. O'Day's death appeared to be suicide, the New Hampshire State Police said Monday. They are continuing an investigation. The police found him in his car in Lincoln, NH, on Friday afternoon.

O'Day came from Dix Hills, NY. He was a senior majoring in electrical engineering. O'Day was a cadet captain in the Air Force ROTC and was planning to be stationed at Hanscomb Air Force Base in Lexington, MA, after graduation. He was also interested in attending graduate school in electrical engineering.

O'Day was very active in the Undergraduate Association, serving as the General Assembly floor leader as well as the UA election commissioner in 1985. He was a former member of the UA's Executive Board. He also participated on several student and Institute committees. He was a member of the Faculty Policy Committee, the Committee on MIT's Military Involvement and the IAP Policy Committee. In 1984, O'Day served as secretary of the Student Committee on Educational Policy.

O'Day was president of the International Relations Club in 1985-86 and also worked as an associate advisor to freshmen in the Office of the Dean for Student Affairs.

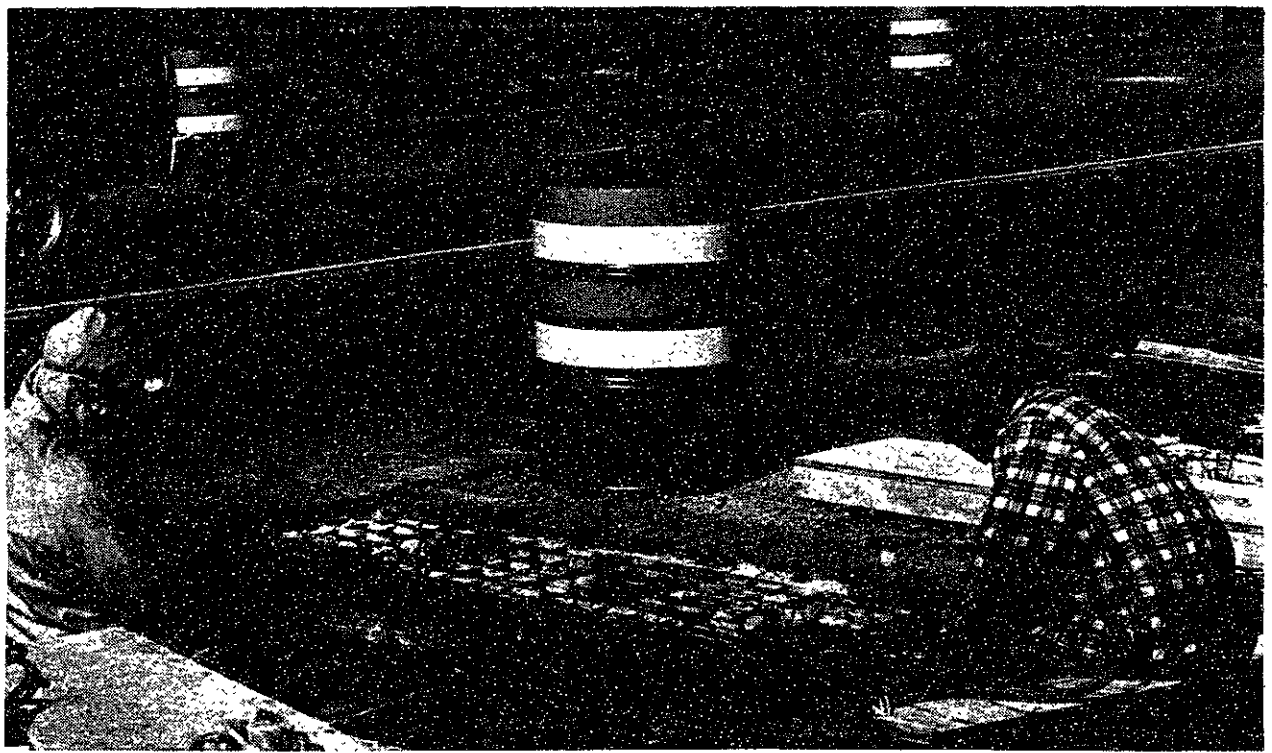
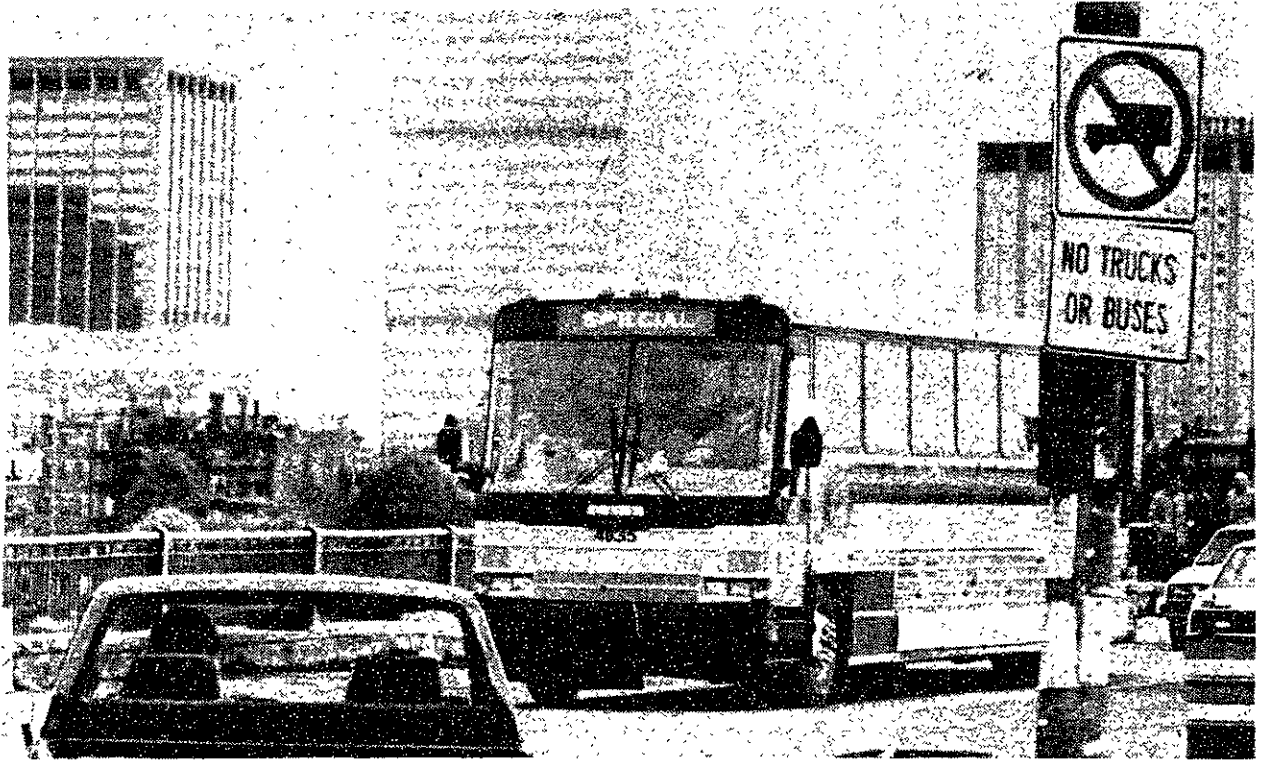
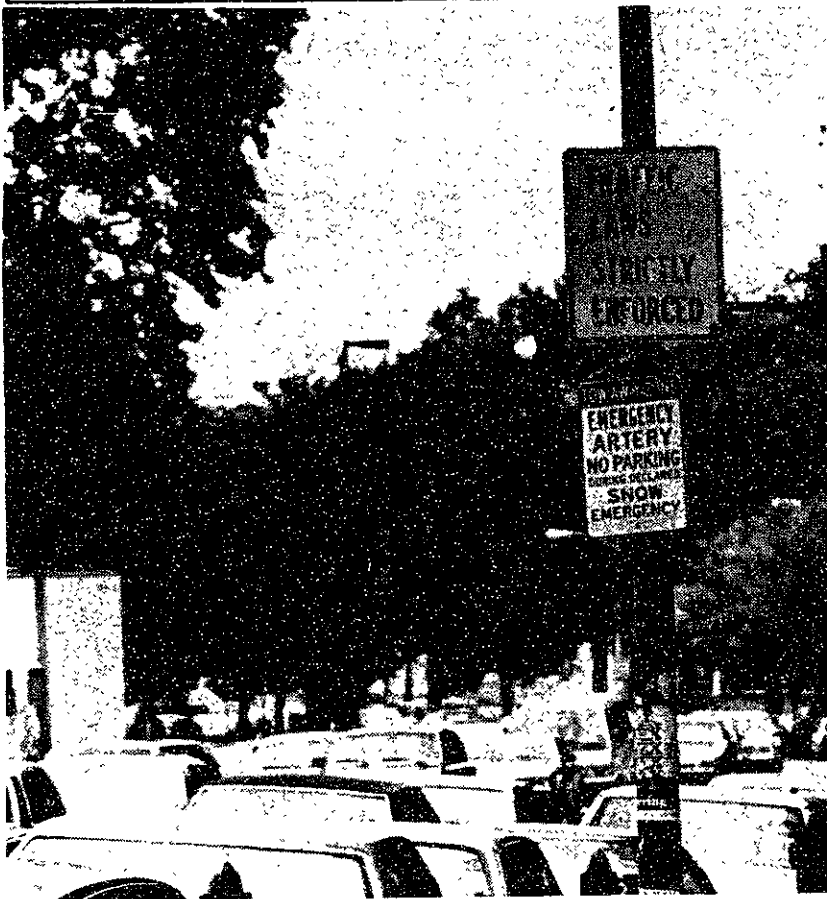
A fourth-year resident of East Campus' Third West floor, O'Day was East Campus' desk captain this year. His hobbies included skiing and photography, and he was an avid photographer for *Technique* and *The Tech*.

O'Day is survived by his father and sister. Memorial services will be held today at 3 pm in the MIT Chapel.

photo essay

The Harvard Bridge

Photos by Salma I. Saeed



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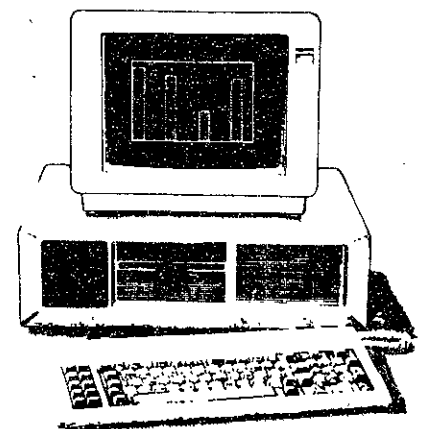
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news roundup

from the associated press wire

World

Mozambique president dies in a plane crash

Mozambique's President Samora Machel was among 27 people killed in a plane crash in Eastern South Africa. South African President P. W. Botha, whose government signed a peace treaty with Machel in 1984, expressed "deep regret and profound shock" at the accident. A spokesman for the African National Congress charged that the South Africans were at least indirectly responsible for the crash. (AP)

GM pulls out of South Africa

The General Motors Corporation announced yesterday plans to sell their South African operations. A spokesman for the company attributed the disinvestment to losses "in the millions" from the plants. The operations were sold to a group headed by management there, and will continue to manufacture automobiles. (AP)

Hasenfus trial begins in Nicaragua

In Nicaragua, the trial began yesterday for Eugene Hasenfus — the sole survivor of an American plane shot down two weeks ago, allegedly carrying arms to Nicaraguan rebels. The Sandinistas have accused Hasenfus of being part of a Central Intelligence Agency scheme to supply weapons to the *contras*. (AP)

Art masterpieces disappear in California and West Germany

City officials in San Jose, CA have apologized to an artist whose 20-foot metal sculpture was mistakenly torn down during a redevelopment project last year. Its absence was noticed a year later, after which the city council decided to redress the grievance by giving sculptor David Botini a \$25,000 grant to reconstruct the sculpture.

A sculpture by the late West German artist Joseph Beuys was also accidentally thrown away during renovation work, according to a spokesman for the Duesseldorf Art Academy. It was found recently in a wastepaper basket in the sculptor's former studio at the academy. The art work is called *Fat Corner* and it is made of hardened lard. Some workmen tossed it out, thinking it was junk, said the spokesman, who called the work "priceless." (AP)

Peace plan causes friction in Aquino government

Philippine cabinet members have been calling for the resignation of Defense Minister Juan Ponce Enrile, unless he stops criticizing the peace policy President Corazon Aquino is proposing to communist rebels. Enrile warned his fellow cabinet members that the Aquino government should not try to push him out of office; his resignation would mean the end of the entire coalition government, he claimed. (AP)

USSR may back down over SDI

The Soviet Union is prepared to allow some testing of the Strategic Defense Initiative project. President Reagan's refusal to give in on SDI research had been blamed for the breakdown of his recent Iceland summit with Soviet leader Mikhail Gorbachev. The United States will seek clarification of the Soviet Union's position, according to the State Department. Secretary of State George Schultz PhD '49 told NBC on Sunday that if the Russians really have changed their position on SDI they should bring it up at the Geneva arms talks. (*The New York Times*)

Russians demonstrate "goodwill" by withdrawing regiment from Afghanistan

The Soviet press is giving heavy publicity to the return of a second Russian tank regiment from Afghanistan. Soviet officials have portrayed the withdrawal as a demonstration of goodwill in efforts to end the fighting with natives in Afghanistan (AP)

Nation

99th Congress ends

The 99th session of Congress ended on Saturday night. "Time, effort, and some frustration" is how retiring House Speaker Thomas P. O'Neill (D-MA) summed it up. The session was "productive," asserted Senate Majority Leader Robert Dole (R-KS). The major bills passed in the last few days of the session included an anti-drug package, a 5-year reauthorization of the "Superfund" waste cleanup program, the elimination of mandatory retirement, and a record \$576 billion spending bill for government programs. (AP)

Strange bedfellows in Massachusetts politics

New Hampshire Governor John Sununu '61 will arrive in Massachusetts today to campaign for the Republican candidate for state treasurer. Sununu will help raise money for Joyce Hampers, who is running against the Democratic incumbent, Robert Crane. Sununu, who is an ardent supporter of the Seabrook nuclear plant, agreed to aid Hampers despite her opposition to the plant. (AP)

Weather

Baseball weather

A cold front will approach us from the Great Lakes later today. There is not much moisture associated with it, so the weather shouldn't threaten the ball game. There will be only a slight chance of a shower before midnight. The week in general looks good. It may not be completely sunny, but the chance of rain is small as we should not see any organized storm systems for the next few days.

Today: Mostly sunny, highs in the mid 60s, winds becoming southwesterly at 10-15 mph by afternoon.

Tuesday night: Partly cloudy, slight risk of a shower before midnight, but nothing serious. Lows near 50°.

Wednesday: Mostly sunny, highs 55-60°.

Thursday: Partly sunny, some clouds around, highs in the low 60s.

Forecast by Chris Davis

Compiled by Robert Adams
Chris Colby

Sports

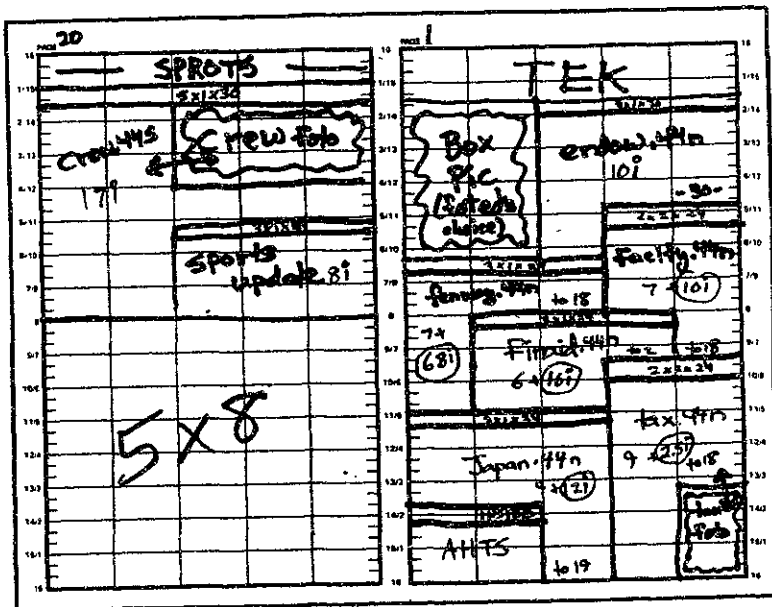
Navratilova wins tournament in West Germany

Martina Navratilova beat Hana Mandlikova on Sunday to win the finals of a \$175,000 indoor tennis tournament in West Germany. Navratilova won the match, which featured the two Wimbledon finalists, by the score of 6-2, 6-3. The 30-year-old Navratilova took the match in only 66 minutes and earned \$32,000. It was the third time she has won the event.

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Alumni start S. African fund

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More students join Japan program

Fareway House wins legal battle

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Divestment is inappropriate and inadvisable

(Editor's note: The Tech received a copy of this letter, addressed to Lawrence K. Kolodney G, Steven D. Penn G, Gretchen Ritter G, Scott R. Saleska G, and Elizabeth S. Sayre G.)

To Members of the Coalition:

I write in response to your letter ["Coalition is tired of waiting for divestment," Oct. 3] urging the governing board of the Institute to divest MIT's holdings in corporations that operate in South Africa and asking that the MIT community be involved more directly in the formulation of investment policy.

While this response expresses my own views and judgments and has not been discussed specifically with the MIT Corporation, I believe it reflects the judgments of the Executive Committee of the Corporation, as well as the views of many Corporation members.

Let me begin with the question of divestment. There are two principal reasons why I believe such a step is inappropriate and inadvisable.

First, while, for many people, divestment holds important symbolic value as a means of expressing abhorrence of apartheid, I believe it is ineffective as a means of influencing events.

The argument for divestment appears to be based on two premises:

1) That divestment by shareholders will cause US corporations that operate in South Africa to reconsider their presence there and to disinvest.

2) That disinvestment will bring pressure on the South African government to eliminate apartheid.

To date, there seems to be no evidence that validates either of these premises. Very few of the corporations under discussion have a major stake in their South African operation; for most, these operations represent a small fraction of assets, sales or revenues. Divestment by shareholders is unlikely to influence either share prices or managerial judgments about operations in South Africa.

My conversations with the chief executives of several of these companies leave me convinced that divestment by MIT will not, in any tangible way, influence their future course in South Africa. (Purchase restrictions or boycotts are another subject.) Further, any move toward disinvestment is likely to

cause a transfer of assets to a South African or other foreign owner on fire-sale terms and to bring into the picture some alternative, non-US suppliers.

Responses to the US sanctions of Sept. 1985 support these observations. A number of subsidiaries have been sold to new owners, most of whom are South African nationals, and non-US suppliers, both European and Far Eastern, have become prominent in some markets. Such changes have neither weakened the state nor strengthened the black majority.

If you have evidence that provides some measure of the effectiveness of divestment as a tactic, I would like to know about it.

Beyond the question of whether divestment has any practical impact lies the question of the impact that disinvestment, were it to occur, would have on the people, the social fabric, and the future of South Africa. I recognize that responses to this question are in the arena of opinion — there are few facts to be adduced — and I recognize that your opinions differ depending on political views or on varied perceptions of the facts. I call your attention to the opinion of Helen Suzman, a member of the South African Parliament since 1953 and a courageous and outspoken critic of apartheid:

While realizing that I lay myself open to the accusation of paternalism, I have to say that I have more respect for the American companies that have, so far away, remained in South Africa (and have set aside millions of dollars for the education, training and housing of their black employees) than for those who have left the country.

The companies that have left have taken with them what influence they could have had inside South Africa, thereby abandoning desperate, jobless breadwinners in a country with no social security safety net, no dole and no food stamps.

The moral outrage and desire for punitive action is something that I understand very well, but the reality that will come as a result of a grievously afflicted economy will not be seen by those living thousands of miles away. That reality, compounded by decades of unequal employment opportunities and oppression, is bleak beyond belief.

True, many black South Africans say they approve of disinvestment and sanctions, despite the additional hardships they will endure as a result. They fall into four categories:

those who have no jobs and nothing to lose; those who have jobs in "sheltered" employment and will lose nothing; those who want everyone to lose everything (therefore, "roll on the revolution"), and, finally, those who believe that the South African government will crack at the first (or, at worst, second) sign of sanctions. The last category brings to mind a former British prime minister who predicted that it would take "weeks rather than months" to bring down Ian Smith's Unilateral Declaration of Independence in Rhodesia. In the event, it took another 15 years and 30,000 dead.

— New York Times Magazine

In the midst of conflicting views and positions — even among those who are adamant in their stand against apartheid — how can you be so certain that disinvestment is desirable, or that it will be in the interest of blacks in South Africa, or that it will hasten the end of apartheid?

There is another difficulty that I have with your call for divestment, and that has to do with the inconsistency or narrow focus of that position. Divestment obviously expresses a moral judgment on the activities of the target corporations. It is an act of strong disapproval, even if it does not produce the desired consequences. And, as an expression of disapproval, it seems to me to have unavoidable concomitants, which you have so far ignored. Does not disapproval also require:

- No academic associations with the corporation (e.g., Industrial Liaison Program, student internships, research sponsorship)?
- No solicitation or acceptance of corporate gifts?
- No purchases of the products of the corporation?

Is it logical that divestment, particularly if urged and undertaken as a symbolic statement of moral principle, be separated from these other considerations? My conversations with corporate leaders leave me with no doubts about their views of the significance of those couplings. As president, I cannot see MIT taking a stand to divest and then failing to follow up on the consequent actions that such a stand would dictate.

A further inconsistency in the call for divestment is the failure to recognize that the focus on companies that operate in South Africa misses the largest part of US business involvement there. There are about 150 US corporations that are Sullivan Principles signatories and that have demonstrated a commitment to those principles. There are many, many more — perhaps an order of magnitude more — that trade with South Africa but do not operate there. It makes no sense to charge the small number of companies that have taken positive steps to weaken apartheid and support black South Africans with "propping up a racist government" while at the same time ignoring the activities of companies that do business there from a distance.

My second reason for opposing divestment is that such a policy would not be in MIT's interests as an educational institution. The action of divestment is a political statement — one that is directed toward an issue having no first-order connection to the activities of this academic institution. Expressions of institutional views on such political issues run the risk of exposing the university to political treatment of its own

interests. I believe this is an inappropriate risk for this university to take.

Beyond these two principal reasons for resistance to calls for divestment, there are several secondary reasons that, for me, strengthen the case against divestment. They are the possible effects on portfolio performance, risk, and return, and the legal constraints that apply to university trustees as fiduciaries.

We have discussed these arguments before, and I realize that several people discount their importance and validity, but the Executive Committee, which holds responsibility for investment policy, takes them very seriously.

In summary, I believe that MIT should not divest because doing so would have little effect on the situation in South Africa (and that of the wrong sign) and because the local concomitants of divestment would harm the Institute.

I have to say that those who urge divestment tend to assert that those in our community who do not agree with this strategy are therefore in favor of apartheid or are more concerned with dollars than with people. Neither is true. Such assertions are intended to intimidate and question the motives of individuals whose integrity should not be in question. *Ad hominem* accusations do not foster communication and mutual understanding on this issue and are not worthy of this institution.

The Institute has made efforts to aid in the education of a small number of South African blacks, both here and in South Africa. And we continue to seek ways in which our capacities as an academic institution can be made to serve the needs of blacks there. While you appear to dismiss these efforts, they are, I believe, appropriate and effective actions for the Institute to take.

Your letter also expresses the view that members of the MIT Corporation have not given sufficient weight to the views of some members of this community. Of course, members of the Corporation have a responsibility to be informed about the issues affecting MIT and, as part of being informed, to be aware of the views about those issues which are held within this campus community. They have been informed with respect to this issue on numerous occasions, and there may well be other ways in which they can learn more about the views held by members of our community. Two such meetings, specifically with Coalition Against Apartheid members, have been held — on June 26 and, more recently, in a session following the Oct. 3 Corporation meeting.

Corporation members' ultimate

judgment as trustees, however, cannot and should not be substituted by community referenda, votes taken elsewhere, or demands by any one group. The trustees of MIT bear the full legal responsibility for the operation and policies of the Institute. They are accountable in these responsibilities not just to the students (not even if those students spoke with one voice) and not just to the faculty (not even if the faculty spoke with one voice). Rather, they discharge a public trust, and they are expected to act on the basis of their individual and collective judgments concerning what is appropriate — even what is best — for this university.

In this sense, I believe there is no legitimate end to be served by putting the trustees, individually or collectively, in a position in which they are expected to defend their judgments to you or to any one group. This does not mean that the trustee views and decisions should not be visible or discussed widely or that they should not listen to people in our community. But community discussions must respect the responsibility of the trustees ultimately to exercise their judgment.

Your letter concludes with a call to bring this issue to the attention of the MIT Corporation during their fall meeting on Oct. 3. A number of people acting on your call, made a prolonged effort to enter or disrupt that meeting — an effort which involved shouting a pounding on the sixth floor door, causing serious interference and near disruption of the meeting. In addition, as you know, two fires were set in the Sloan Building during the time of the protest — with the result that most of the faculty, students and staff in the building were forced to leave on the order of the Cambridge Fire Department. We do not know who is responsible for the fires, but we will do our best to identify the individuals involved in these acts of arson. I implore you to give more attention to the possible consequences of disruptive actions in the future.

I regard the attempt either to force your views on the Corporation or to prevent that body from meeting as a wholly unacceptable form of protest in this university and as an actionable offense to this community.

This letter is a candid and plainspoken effort to address the concerns you have raised and the concerns that I see. To the extent it reflects a degree of impatience, I would suggest that you are not exclusively entitled to be impatient.

Paul E. Gray '54
MIT President

The Tech

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Letters and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. No letter or cartoon will be printed anonymously without express prior approval of The Tech. The Tech reserves the right to edit or condense letters. We regret we cannot publish all of the letters we receive.

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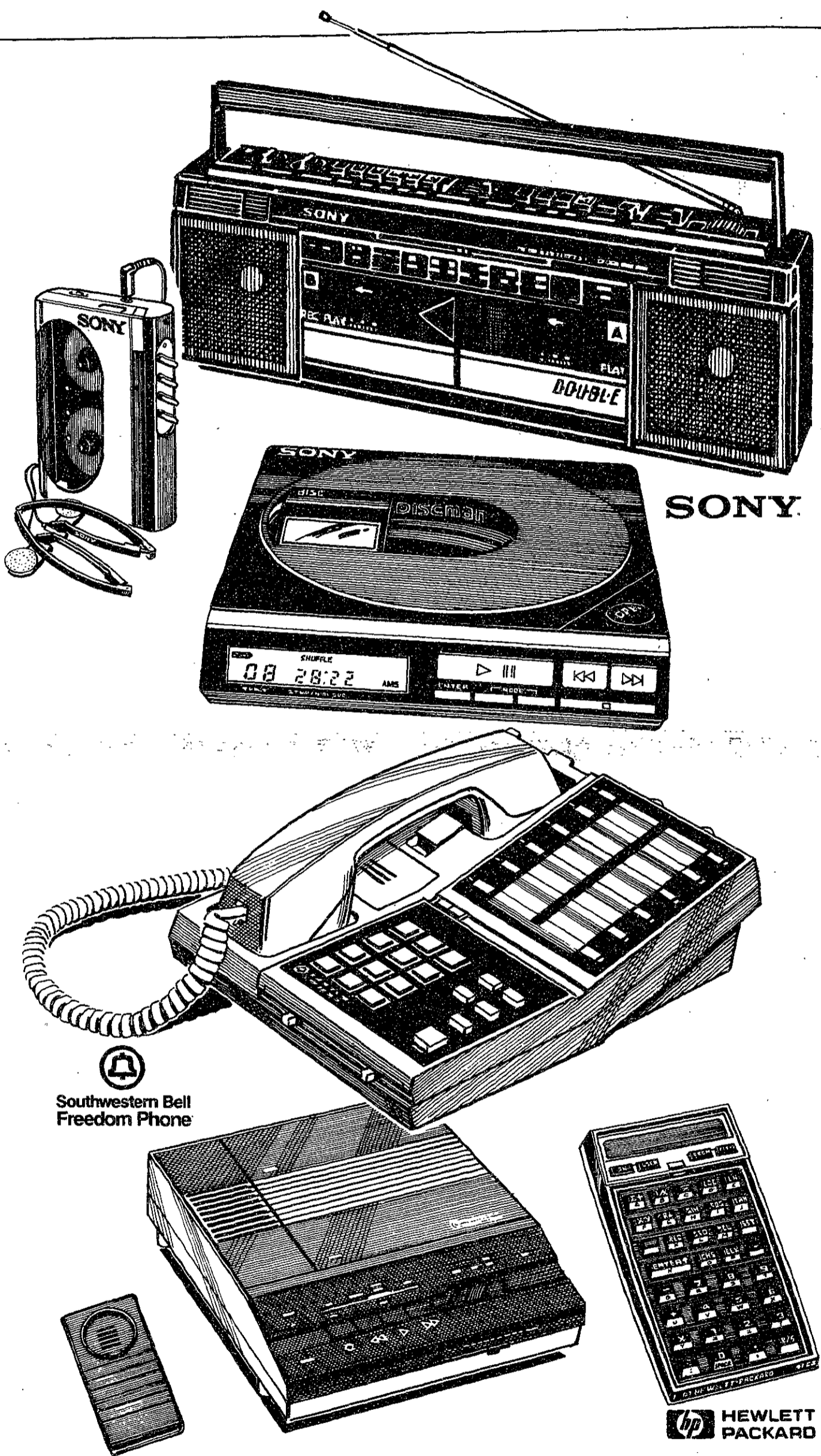
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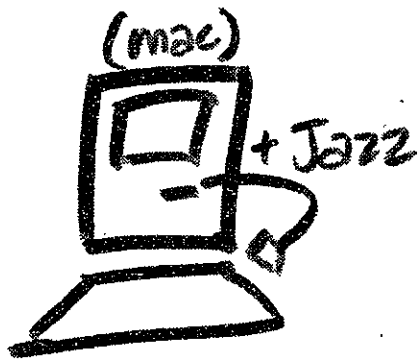
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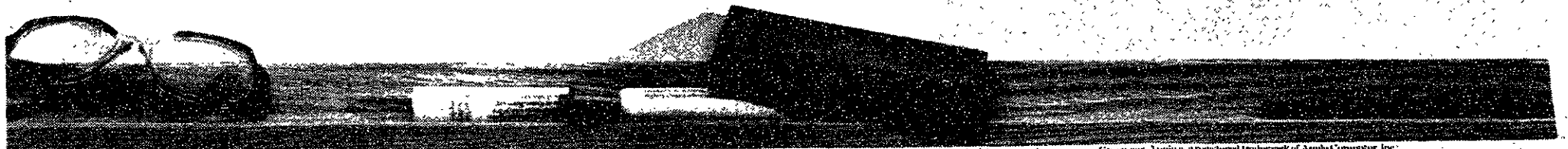
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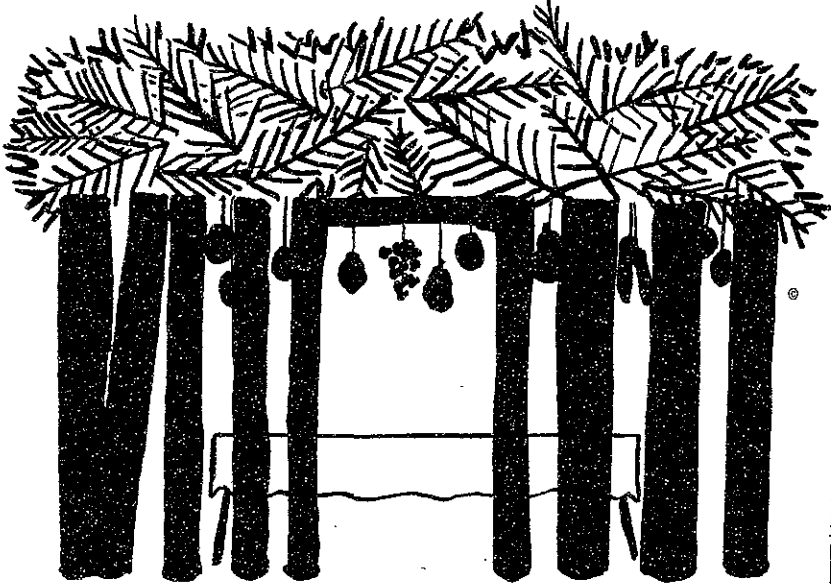
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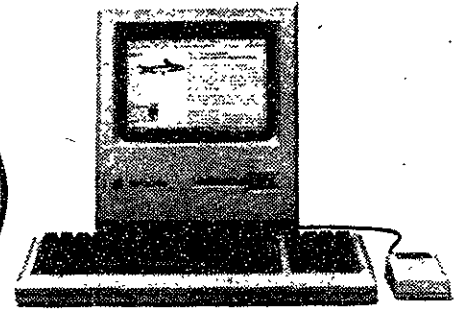
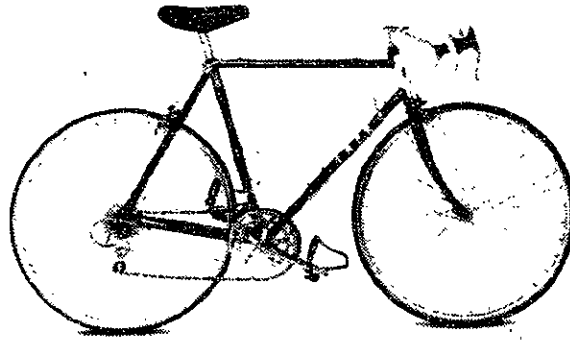
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The Commission on Engineering Undergraduate Education (CEUE) UNDERGRADUATE EDUCATION BULLETIN BOARD

ANNOUNCEMENTS:

- ★ ★ ★ **PAID POSITIONS AVAILABLE:** The CEUE is still looking for students to analyze the Freshman Survey on R/O Week conducted this fall. If you are interested, call Robin Wagner, x3-8051.
- ★ ★ ★ **More Living-Groups Start Educational Policy Study Groups: Join Next House, Theta Chi, and Alpha Phi.** If you'd like to start a study group in your living group or get involved, ask your living-group's President or call UAP Bryan Moser, x3-2696 or Robin Wagner, x3-8051. Your opinions are wanted and will be heard!

EDUCATION QUESTION OF THE WEEK:

- ★ ★ ★ What were student opinions on the Freshman Pass/Fail Grading System expressed in the CEUE Student Survey conducted last May? Answer: Out of 812 respondents, 58% wanted to keep Pass/Fail the same, 24% wanted to limit it to first semester freshman year, 4% wanted to extend it to other semesters beyond freshman year, 3% wanted to eliminate it entirely, 3% were indifferent or unsure, and 7% wanted some "other" change.

EDUCATION COMMITTEES' REPORT:

- ★ ★ ★ The **New Integrative Studies Implementation Committee**, chaired by Prof. Kenneth Keniston, was formed this summer "to consider and recommend to the Committee on the Undergraduate Program (CUP), for its approval, a proposed set of institutional/structural features and changes constituting an educational experiment aimed at promoting the development of an integrative education for MIT undergraduates." Other committee members are Professors Philip Khoury, Claire Kramsch, Kenneth Manning, Francis Oglivie, and Kim Vandiver, and undergraduate Sarbani Thakur '87. Deans Margaret MacVicar and Ann Friedlaender are *ex officio* members.
- ★ ★ ★ The CEUE is in the process of establishing a **new Interschool Working Group on Contexts Subjects**, to identify educational methodologies, topics, and participants from MIT Schools — including students — for educational activities aimed at having MIT engineering undergraduates begin to "understand and respect the economic, managerial, political, social, and environmental issues surrounding technical development."
- ★ ★ ★ At the Oct. 15 Faculty Meeting, the CUP chair, Dean Margaret MacVicar announced that a **New Committee** to consider "the structure, tone, and intellectual coherence of the Freshman Year" will be formed next month. Other issues discussed include the proposed new HASS distribution requirement; a possible change in the length of the school year calendar; a possible restructuring of R/O week and IAP; the teaching of more modern physics in the freshman year; reconsideration of the way the current Chemistry Institute Requirement is fulfilled; the proposed reduction of the science distribution (SD) requirement from 36 to 12 units; and the possibility of replacing the "lost" SD subjects with departmental major courses, or a new proposed subject(s), the Human Contexts of Science and Technology.

Do you have questions or comments you'd like us to print?

Send them to: Undergraduate Education Bulletin Board, Rm 1-211, or call Robin Wagner at x3-8051.

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Undergraduate Association News

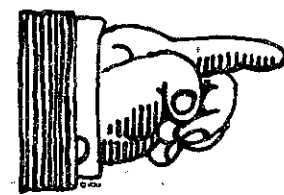


UA Council Meeting

Thursday, October 23, at 7pm in the Mezzanine Lounge

★ Agenda topics include a report of the Minority Student Issue Group and a report on the UAC Forum on Freshman year.

Everyone is welcome to attend!



WANTED
Class of 1987
Co-social Chairman

Attention! We are looking for one enthusiastic, socially motivated senior to fill the position of Class of '87 co-social chairman along with Jeff Kung, the present co-social chairman. Responsibilities are attending weekly class council meetings and planning study breaks, Jr/Sr Pubs, and other social events for our class.

Interviews will be held Oct. 28th. Sign up for your time slot on the sheet posted outside the UA Office. Questions? Call Jeff Kung 494-9235/5-3804.

MIT YOGA CLUB

New campus club is expanding in our second year! Come join us and rejuvenate your mind and body with the ancient science of Kundalini Yoga. Beginner's classes every day, all are welcome. Special sessions on effective study techniques to reduce problem set overload!! Class schedule: Mon, Tue, Wed, Fri club meetings, at Burton House Dining Hall, 2nd floor, 5:30 - 6:30 pm. More info: Fred or Jeff at 623-7907, evenings.

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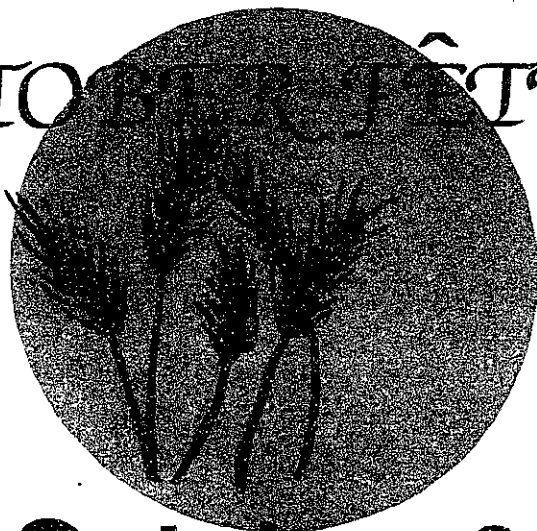
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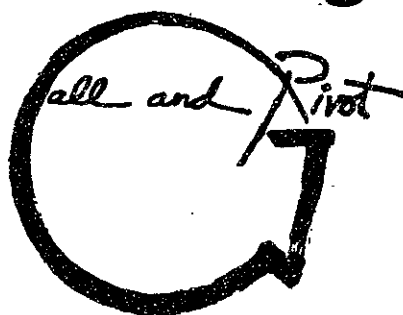
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Whoopi is wonderful but "Flash" fizzles

JUMPIN' JACK FLASH
 Directed by Penny Marshall.
 Starring Whoopi Goldberg.
 At the Cinema 57 and Circle theaters.

By PETER DUNN

IT SHOULD BE CLEAR TO ANYONE who caught "Whoopi Goldberg's Spook Show," a one woman comedy *tour de force*, that Goldberg's ability as a comedienne is beyond question. It is a shame that her many talents are wasted in "Jumpin' Jack Flash," her first film comedy role and Penny Marshall's (of *Laverne and Shirley* fame) feature film directorial debut.

In "Jumpin' Jack Flash", Goldberg plays Terry Doolittle, an eccentric young woman who works in the international money transfer department of a large bank. Terry's eccentricity is reflected both at home and at the workplace. Her apartment is furnished with a multitude of movie paraphernalia (posters of Bogart and Bacall, "Metropolis," and "Attack of the 50-Foot Woman") and with other random trinkets (gigantic toothbrush, bunny slippers). Terry's confident, jumpy stride, bright yellow scarf, and bright yellow sneakers distinguish her from other pedestrians. At work her computer stands out in the repetitious layout of the many other terminals with its adornment of stickers, Pokey doll, and plastic dinosaur. Terry is very much the life of the party, the friend-

ly, happy-go-lucky girl that everyone turns to for a warm, chummy conversation.

But Terry is lonely inside. Her personal communications over the computer with her clients — essentially her only gratification in an otherwise dull job — are stifled by her strait-laced boss. The decorations of her small apartment reflect a tiny, isolated fantasy world. Her friends at work chastise her for not dating.

Terry's chance to break free from her solitude presents itself when an encoded message appears on her computer terminal from a "Jumpin' Jack Flash." Jack is a British operative trapped behind the Iron Curtain and his plea for help leads Terry along the trail of intrigue and mystery. In order to rescue Jack, Terry must attempt to contact other operatives. In the meantime Terry must also avoid the cutthroats who are trying to thwart her plans.

The theme of an amateur sleuth jumping into the fray of international espionage has often resulted in many humorous situations. Unfortunately the humor in this film is completely dissociated from the plot. Laughs result mostly from Terry's idiosyncracies, rather than the absurd situations in which she becomes entangled. This makes the film more a showcase for Goldberg's comedic talents than a well rounded comedy.

The result is that the audience easily grows tired of the plot whenever Terry is not making a fool of herself. As Terry, Goldberg is very funny in parts but her



Terry (Whoopi Goldberg) listens to a co-worker's (Carol Kane) romantic tales.

skits would have been put to better use if left in her own comedy routine.

A second lacking in "Jumpin' Jack Flash" is its pitiful attempt to develop a love affair between Terry and Jack. This romance seems most improbable, considering that Terry and Jack never meet but only communicate via computer terminals, and that their conversations amount to little more than discussions as to how to res-

cue Jack. It seems reasonable that Terry might construct a romantic figure from the dashing spy she believes is on the other end of the line, but the film lets this fantasizing get out of hand.

Whoopi Goldberg shows in "Jumpin' Jack Flash" why she is so popular as a comedienne, but the film's failure to satisfactorily integrate her talents into the plot ultimately leads to a disappointing result.

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 Tuesday, October 28
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We'd like to introduce ourselves, show you around, and let you talk to some of the MIT grads who have made the move from Kendall Square to Fresh Pond Circle. If your major is in electrical engineering, physical or computer sciences, it's an opportunity you shouldn't miss.

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 OPEN HOUSE for MIT Students**

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- Transportation: 2:30 p.m. pickup in front of the Administration Building Main Entrance on Mass. Ave. (Bus transportation provided by BBN)
- Location: 70 Fawcett Street, Cambridge, MA
- Sign-up: Office of Career Planning and Placement by Friday, October 25

For further information, call Lesley Sullivan, at BBN, 497-2563.



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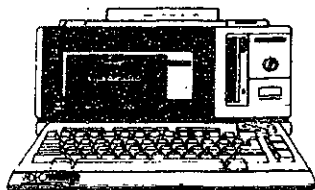
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MIT Community Players stage successful "Murder"

DIAL M FOR MURDER
 Performed by the MIT Community Players.
 Directed by Elisabeth Benfey.
 Produced by Kate Bolger.

By JULIAN WEST

THE COMMUNITY PLAYERS' current production of "Dial M for Murder" is workmanlike and successful. One suspects that it was not much of a challenge. Last year, the Players gave us fairly heavy plays by Brecht and Beckett, and the old standby "Arsenic and Old Lace" as a lighter offering.

Why have they descended into detective fiction, which is much less demanding of both the cast and the audience? True, it is usually considered good for the box office, but in this case it does not seem to have helped. Unless, possibly, Sunday night's house had more to do with the Mets' game than with the poor advance publicity.

Before I begin to sound too critical of the selection of play, let me point out that "Dial M" is far above average for a thriller. The plot is cleverly, and it seems flawlessly, constructed. There is deception on every level, starting with the opening scene in which one character confesses to "murdering exactly 52 people since we last talked." He was referring to the writing of television scripts; as for the real murder, the audience was kept guessing until the end — if indeed they figured it out then.

But what mysteries gain in plot, they lose in character. The principal character,

Tony Wendice, is basically a cold-blooded, calculating manipulator of everyone else in the play. It is a part which leaves little room for human emotion: Yet we are told that until a year before the events of the play, he was childish and petty, making it hard to believe that such a tough character could emerge.

Allyn Burrows managed Tony well, and even injected some feeling into the second act. His London accent was plausible, but mostly consisted of avoiding rising intonations at the end of sentences. Verbs all but disappeared from some of his sentences, and occasionally the emphasis was so misplaced as to skew the meaning — faults

Zimmerman's performance natural and stirring

KRYSTIAN ZIMMERMAN
 At Symphony Hall, Oct. 17.
 A Wang Celebrity Series event.

By JULIE CHANG

ITERNATIONALLY ACCLAIMED PIANIST Krystian Zimmerman gave a most impressive solo recital Friday night at Symphony Hall. The winner of the 1975 Chopin International Piano Competition, Zimmerman performed works of Beethoven, Schubert, and Schumann. With his flawless technique and remarkable musicality, the Polish pianist proved himself to be a master of the keyboard.

The first work, Beethoven's *Sonata in F Major, Op. 10, No. 2*, was played with

shared by the rest of the cast.

The London accents showed up best by contrast with the character of Max, a crime writer for US television. John Hurst sounded something like a New York Jew, although he tended to sound more like the lugubrious Anthony Blunt from "Brideshead Revisited" when flirting with Tony's wife, Margot.

Jan Connery played Margot well, and handled both a very controlled flirtation and some very uncontrolled hysterics adequately.

Sue Downing's set was impressive for a two-weekend production, and fulfilled all of the stage directions to the letter. It is

questionable, though, how much it resembled the Maide Vale flat of a woman with a fair amount of money.

The abundance of wall decorations and a well-stocked liquor cabinet suggested a certain attention to detail. So did a Weeta-bix box, but then the light switches were clearly American. The set also seemed to necessitate a few embarrassingly long scene changes.

It is difficult to find fault with Elisabeth Benfey's direction. Those who stayed away from their radios to attend the performance were certainly pleased with the end result. It would be pleasing, too, to see a few more venture out this weekend.

just the right balance of restrained emotion and clarity. The interpretation was not overly passionate, yet not bland. Zimmerman's clear, delicate touch, combined with his great range of color, allowed him to capture subtle nuances of the work. The last movement, *Presto*, was particularly impressive. With seemingly no effort, he played the difficult fugue with amazing speed and dexterity while still maintaining the exquisite qualities of the music.

Next, Zimmerman played Schubert's *Four Impromptus Op. 90, D. 899*. Exhibiting great contrast in touch and tone among the pieces, the pianist made the most of the strong lyrical and expressive qualities of the music. Though the performance was

spontaneous and free, the interpretation was refined and thoughtful. The *Second Impromptu in E-flat major, Allegro*, was rich with contrast and emotion. The smooth, ethereal passages were effectively juxtaposed with the more powerful, intense ones. Though these pieces were not technically difficult, they can be characterless unless they are played with great sensitivity and feeling. But Zimmerman captured the charm and effervescence of these pieces quite well.

The last work on the program, Schumann's *Sonata in F-sharp minor, Op. 11*, was played with great power and grace. The first movement, *Introduzione: Un poco adagio-Allegro vivace*, was full of interesting surprises, with strong turbulent moments as well as serene, beautiful ones. Zimmerman conquered the difficult technical passages with virtually no effort, helping to make the climactic sections especially exciting. The work itself was rather unusual, taking on an untraditional form. The last movement, *Finale: Allegro un poco maestoso*, was a conglomeration of many different themes intertwined. Zimmerman tackled the mixture masterfully by emphasizing the contrasts of the motifs.

Overall, the recital was exciting and brilliantly executed. Zimmerman was a true virtuoso, showing merit both in terms of technique and musicality. However, one might have asked that he have selected pieces that more adequately showed off his fantastic dexterity. But the performance was natural and stirring; a truly wonderful experience.

Lyric Stage simplifies Williams' "Streetcar"

A STREETCAR NAMED DESIRE
 By Tennessee Williams.
 Performed at The Lyric Stage, 54 Charles St., Boston, through Nov. 23.

By BARBARA MASI

EACH NEW PRODUCTION OF "A Streetcar Named Desire" seems to offer widely different interpretations. These interpretations seem to stem from different attitudes toward the two main characters, Blanche DuBois and Stanley Kowalski. The director chooses sides, and the audience, of necessity, must play along. The Lyric Stage Theatre's production of Tennessee Williams' work clearly was on the side of

Blanche, unbalancing the production throughout.

Complementarity provides the pressure for the play's movement, beginning with the audience's first encounter with Stanley and Blanche, his sister-in-law. When the play begins, the audience witnesses Stanley's sure command of the stage — he is vigorous, shouting at his wife, Stella. Blanche enters burdened with a suitcase, revealing herself a delicate creature, frazzled, lost. Within five minutes the audience is forced to absorb the dialectic of characters that will give the play its dynamic tension.

In "Streetcar," Williams aims for complementarity and balance — a difficult

challenge, but a necessary one, for it holds the key to the play's meaning and tragic effect. In the Lyric Stage production, directed by Ron Ritchell, this balance was lost. I did not realize it until the final scene was played out. There, as Blanche was being brought to the asylum to which she has been committed by her sister, the audience felt tremendous sadness and pity for her. Toward the other characters, we felt nothing but anger — whereas we should have felt as much pity for the imprisoned characters left behind in the New Orleans tenement. The decisions made by each character spiritually destroy them all. No more than we expect Blanche to recover,

(Please turn to page 15)

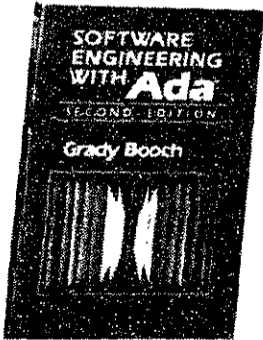


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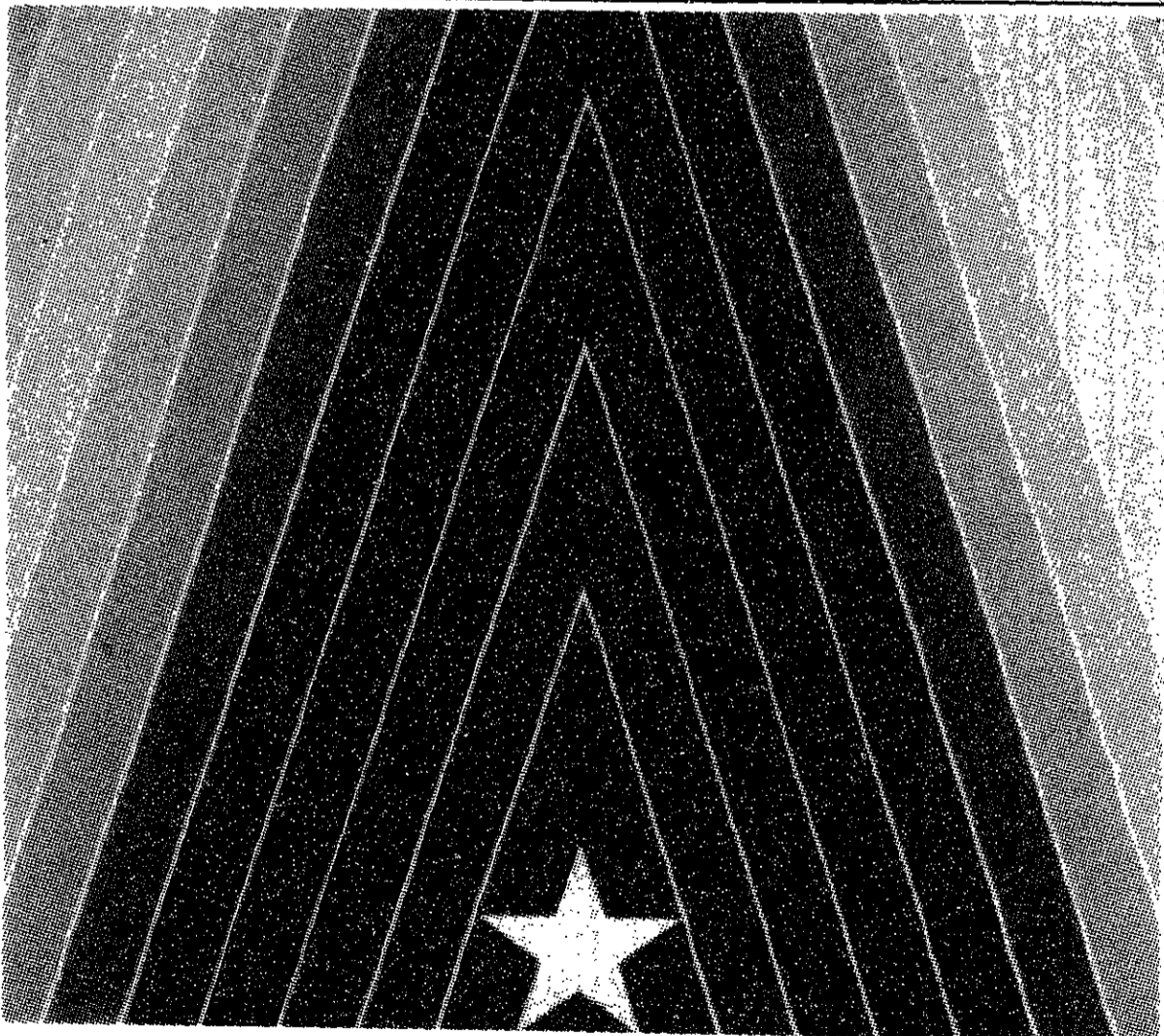
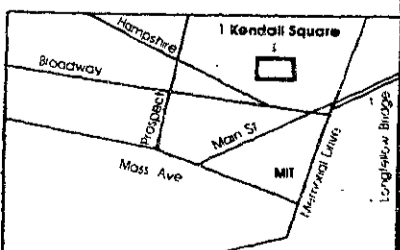
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"Nunsense" is habit forming

NUNSENSE

Written and directed by Dan Goggin. -
Playing nightly Tuesday through Sunday.
Boston Shakespeare Theater, 52 St. Botolph Street.

By MICHAEL J. GARRISON

HOW DOES A GROUP OF FIVE NUNS raise enough money in one night to bury four other nuns who are on ice in their freezer? The Little Sisters of Hoboken decide to put on a variety show dedicated to the tenet: "Nunsense is habit forming." The result is two hours of humor that even non-Catholics will find hilarious.

The five nuns who stage the show, led by Sister Mary Regina, represent the most talented of their order still alive. While some of the convent was out playing bingo with the Maryknolls, the rest ate a particularly bad batch of vichyssoise prepared by their chef, Sister Julia, Child of God. Upon the return of the bingo players, they found 52 nuns face-down in cold soup.

In order to raise the money needed for burial, the nuns sold greeting cards. This venture proved a great success, until the Reverend Mother, Sister Mary Regina, spent the last of the money on a new VCR. Unfortunately, four nuns were still left to be buried. So they were stuck in the freezer, over the objections of Sister Julia and the state health department.

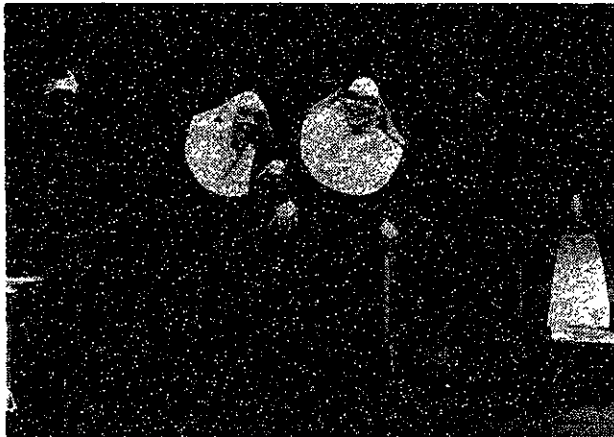
The sisters then take over the stage at Mt. Saint Helens School — after promising not to touch the set for *Grease* that the students had built. By the end of the show the audience is converted; nuns can be entertaining.

From the opening song to the closing remarks, the nuns reveal their deepest desires: Sister Mary Leo wants to be a ballerina; Sister Mary Amnesia wants to remember her name; Sister Mary Hubert hopes to be a saint; Sister Mary Regina wants to be a star; and Sister Mary Robert Anne just wants a solo.

Some sequences stand out especially. Sister Mary Amnesia, in her first solo appearance, conducts a short quiz on the song directly preceding it. She gives the audience awards for correct answers, including a St. Christopher medal. "I know St. Chris-

topher isn't a saint anymore," she explains, "but we just bought a whole batch of them at a huge discount."

Sisters Mary Regina and Mary Hubert present the cookbook of Sister Julia which features, among other gems, the *hors d'oeuvre* served at the Last Supper. "Host Toasties" serves 13.



The sisters prepare to shuffle off to Buffalo.

Another special moment is Sister Mary Leo's "Dying Nun" ballet. The youngest nun comes onto the stage with her headpiece starched into a wing. Sally Fields meets botulism.

Sisters Mary Robert Anne and Mary Amnesia steal the show. Robert Anne is the most streetwise of the nuns, having grown up in a poor Brooklyn neighborhood. She explains that she not only drives the convent car, but can also strip it in ten minutes.

Sister Mary Amnesia, who showed up one day claiming that a crucifix had fallen on her head, pleasantly amuses with her utter lack of concentration. After an episode where she completely fails as a ventriloquist and embarrasses the other nuns, Sister Mary Regina confides to the audience, "We are hoping that when she regains her memory she will remember being a Franciscan."

All four *Tech* reviewers enjoyed this production. But be warned, chewing gum in the audience will be confiscated!

(Editor's note: Julian West, Ronald E. Becker, and Marie Coppola also contributed their opinions to this review.)

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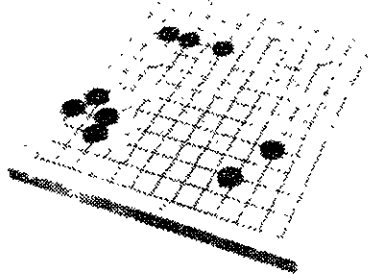
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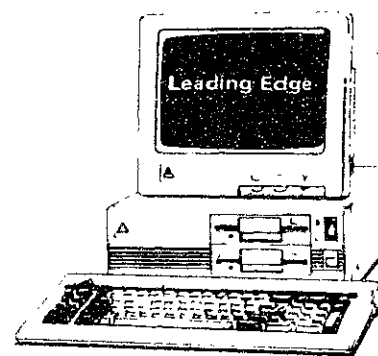
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"Streetcar" sides with Blanche



Blanche (Anita Sangiolo) wrestles with Stanley (Jared Swartout).

(Continued from page 12)

these characters will recover.

The audience is not given the chance to understand the other characters, Stanley and Stella are played two-dimensionally. Stella is the sacrificing wife and sister, who takes the destitute Blanche in, but unflinchingly sides with her husband as the antagonist between Stanley and Blanche grows. Stanley is portrayed as loud, driven by macho sexuality. Williams wrote into the play a true respect for Stanley's "animal joy," for men born to have women, which the Lyric Stage's production ignored. The audience laughed at him and his crudeness. Though recognizing that Stanley's illusions of himself are as strong as Blanche's, we did not respect the legitimacy of his hold on his illusions at the expense of his compassion for Blanche. His attacks of Blanche appear irrationally cruel rather than as mere ways to protect his territory.

The production's bias led to a feeling that Blanche's breakdown was inevitable. The conflict between Stanley and Blanche is transformed into a bickering match between a neurotic woman with pretentious manners and a common Polish laborer insulted by her. Whether Stanley and Stella kicked Blanche out or not, Blanche was lost. In turn, the audience failed to respect Blanche's illusions about herself. She became a "mothlike creature" who couldn't bear too harsh a light.

In contrast, the portrayal of Mitch, Stanley's best friend and Blanche's wooer, by Robert Bouffier, brought a lovely, awkward, softness to his scenes with Blanche. In a quiet moment, they exchange secrets about their only loves both having died tragically. Mitch treats Blanche as the fragile Southern

belle she so needs to be. Blanche does not laugh at him. A strong trust and respect is established between them. His anguish at the play's end, knowing that his rejection of her because of her past has led to her breakdown, is the only pain truly felt by the audience.

The poor character choices led to the misinterpretation of the turning point — Stanley's rape of Blanche. The rising sexual antagonism, Blanche's condemnation of Stanley's brutishness, and Stanley's condemnation of her past as the town whore, did lead to a sense of the inevitability of the violent act. But the rape was played as Stanley's ultimate victory over Blanche on his territory. It could be seen as Stanley's supreme brutalization of Blanche — as if such a man could find no other way to drive such a woman from his home. But another motivation arises from the complexity of Stanley's relationship with Blanche, a complexity lost in the Lyric production. As Blanche's illusions are dismantled by Stanley, so are Stanley's by Blanche. For two characters so driven by desires and illusion, the violence of rape was all that was left to continue the battle. In the Lyric Stage production, Stanley appears the lone victor. In actuality, he is merely the only survivor.

The set and scene blocking in the small, intimate Lyric Theatre were clever. The entire space was employed; characters used the same doorways and stairs as the audience, giving a feeling that there was no fourth wall. As the fourth wall creates a feeling of theatrical dishonesty, the Lyric discards it. This honesty and simplicity of approach appears to have been applied as well to the depth and complexity of "Streetcar."

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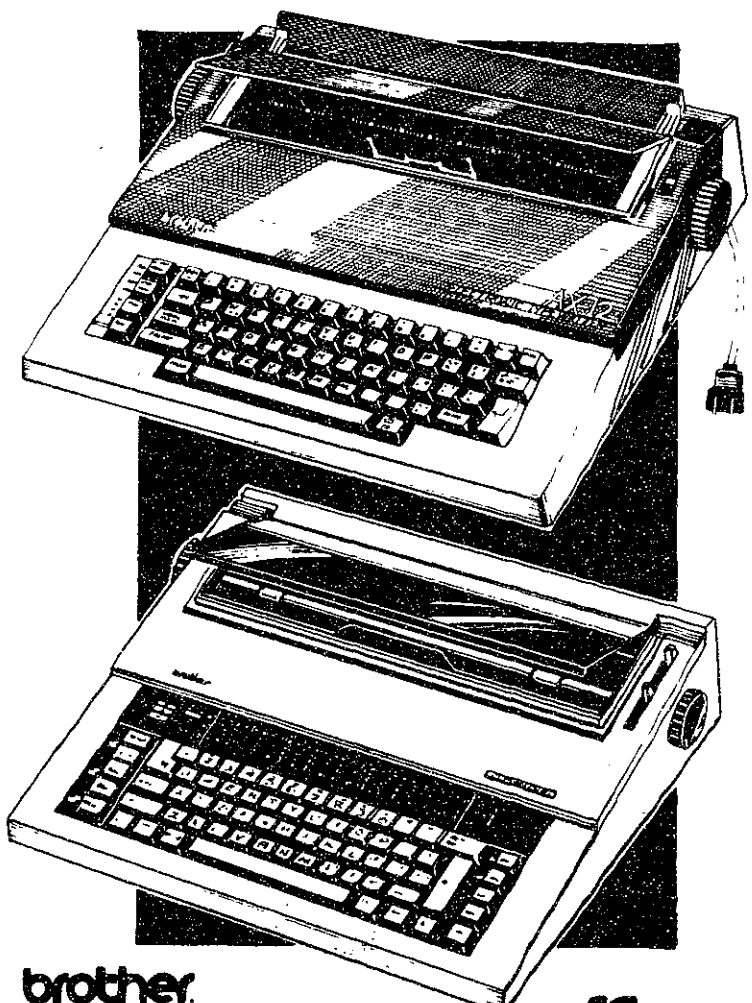
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ARTS

ADAM'S TASK

By Vicki Hearne.
Knopf, 274pp, \$19.95.

By V. MICHAEL BOVE

I USED TO HEAR older experimenters advising younger ones about working with cats. It seems that under certain circumstances, if you give a cat or cats a problem to solve or a task to perform in order to find food, they work it out pretty quickly, and the graph of their comparative intelligence shows a sharply rising line. But, as I heard, "the trouble is that as soon as they figure out that the researcher or technician wants them to push the lever, they stop doing it; some of them will starve to death rather than do it." . . . when human beings behave that way, we come up with a pretty fancy catalogue of virtues in order to account for it. But, of course, I was stupidly supposing that the point of these efforts was to understand animals, and it wasn't at all. The point was simply to Do Science, or so I began to suspect when I heard one venerable professor tell a young researcher, "Don't use cats, they'll screw up your data."

Conversely, the point of Adam's Task is not to Do Science, but to understand animals. The author, a Yale English professor as well as professional dog and horse trainer, moves equally comfortably in the academicians' and animal-trainers' worlds. Hearne wonders at the incredible divergence of opinion between those who "study" animals and those who live in companionship with them.

In a time when it is no longer fashionable to argue whether women, blacks, or Jews are fully equal "persons," surprisingly similar arguments are taking place over animal consciousness and the whole "personhood" of animals. At the heart of this book

is the idea of "calling animals by name." To name an animal is in some sense to acknowledge his or her (the impersonal pronoun here scrupulously avoided) personhood. A psychologist might say that the puppy who has just wet the living room rug and is now under the bed can't really be hiding because that would imply senses of self and morals that no mere animal could possess. This should strike any dog owner as indicative of detachment from reality. That people who work with tracking, guard, or sheep-herding dogs routinely say things like "We've got to develop that dog's sense of responsibility" seems heretical to the psychologist. But the fact is that those who live and work with animals and assume that their companions are reasoning, moral beings achieve results which the advocates of stimulus-response psychology are hard put to explain and utterly unable to duplicate.

This collection of philosophical essays examines many paradoxes in addition to the above dichotomy. Hearne is unsure just how to consider chimpanzees who can converse with humans via sign language but still remain dangerous, unpredictable wild animals who understand less about biting, toilet training, and other domestic niceties than the family dog. More provocative are discussions of the pit bull, for hundreds of years one of America's best loved dogs but recently lowered to criminal status by none-too-accurate wire-service stories, and of autistic children whose parents actually seem to resent losing control over them when they start acting like normal human beings.

A thoughtful book, with a jacket appropriately graced with classic Eadweard Muybridge photographs, Adam's Task is best approached with an open mind, a cat in one's lap, and a dog at one's feet.

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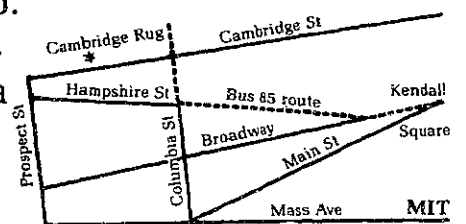
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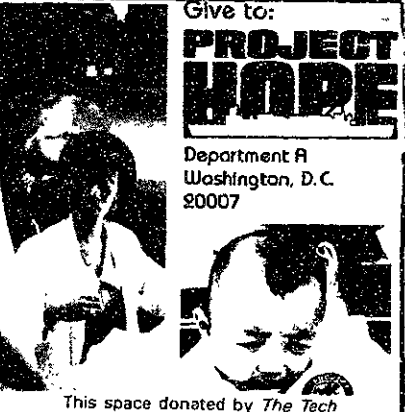
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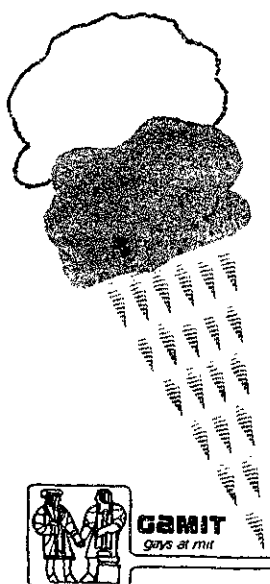
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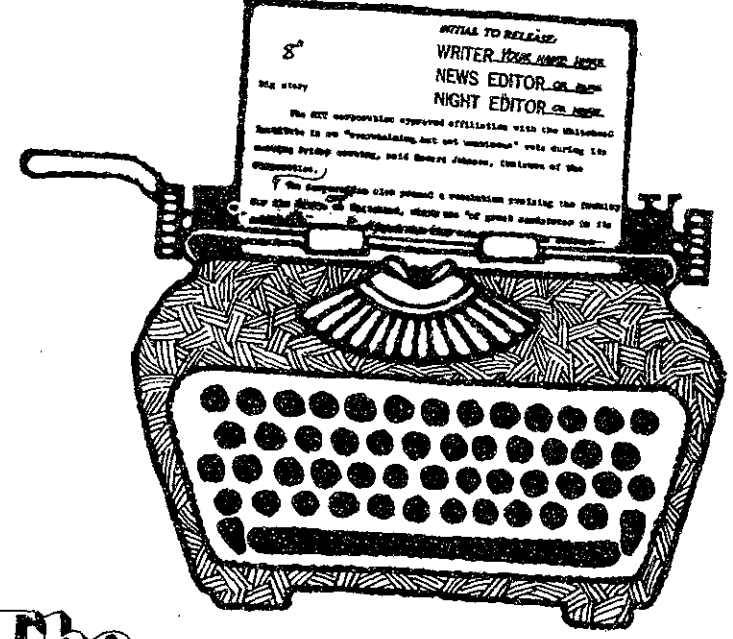
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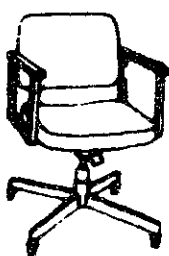
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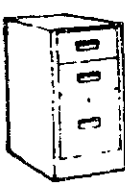
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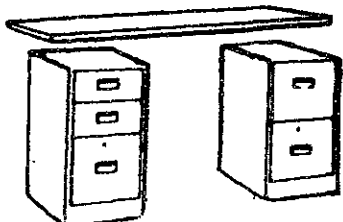
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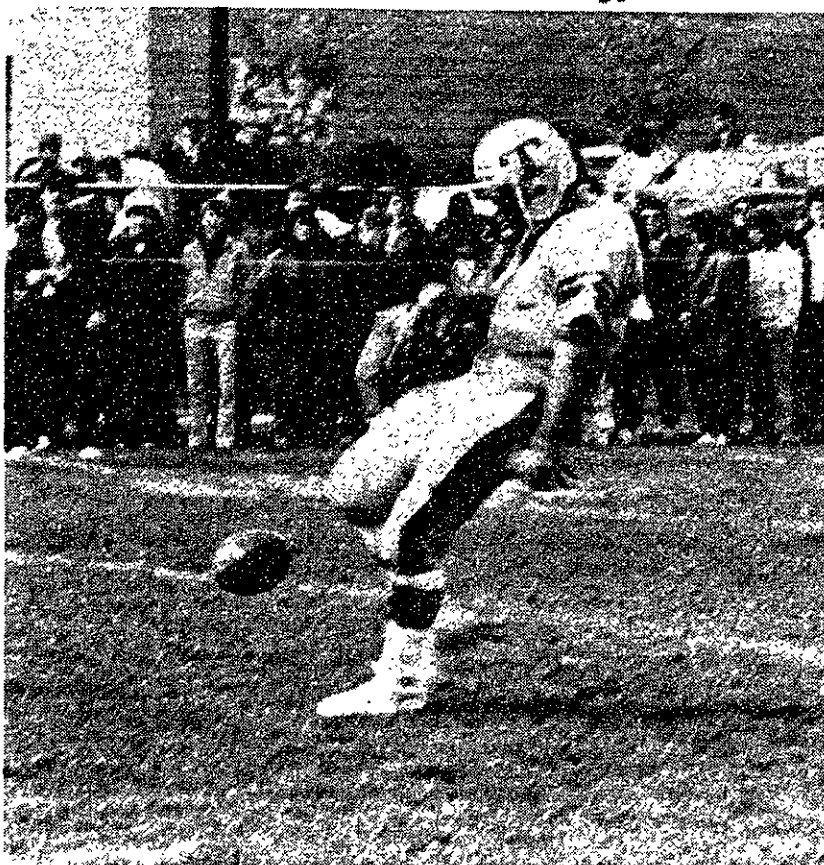
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sports

Beavers lose to Bentley, 35-13



Ronald E. Becker

Pete Gasparini '88 punts in Sunday's game against the Falcons.

(Continued from page 20)

the receiver from Defensive Back Shane Arnold '88 — set up a 1-yard touchdown run in the second quarter.

A completed pass on a fourth-down fake punt that completely fooled the Beaver defense kept a Bentley drive alive. The drive culminated with a flea-flicker that caught the secondary off-guard, resulting in a demoralizing 56-yard touchdown reception. The Falcons led 22-6 at the half.

Errors continued to plague the MIT offense in the second half. After a Falcon punt pinned the Beavers deep in their own end, Adams fumbled the ball away on the MIT 8-yard line. Bentley easily scored a touchdown to go up 29-6.

It became apparent that the MIT ground game took too much time off of the clock for them to mount a serious comeback. Despite Gasparini's improved throwing this year, the failure to call for passes meant that even if MIT did score a touchdown or two, time would run out before the Beavers would catch up.

MIT's insistence on running the football proved fatal, when the Beavers drove downfield. With first-and-goal on the Bentley 5-yard line, MIT did what all 1000 spectators expected them to — ran the ball. Bentley was ready, and four rushes were unable punch through the goal line, giving the ball back to Bentley.

But Bentley didn't have the ball long — on second-and-eight from the 3-yard line, Wide Receiver Paul Wessel beat Dana Pirketts '88 down the left sideline and went all the way for a 97-yard touchdown. That set the score at 35-6.

In the fourth quarter, MIT finally mounted a sustained drive. Maeda led the drive, gaining sev-

Bentley 35, MIT 13

MIT	6	0	0	7	- 13
Bentley	7	15	13	0	- 35

Bentley — Flori 1 run (Campbell kick).
 MIT — Adams 13 run (run failed).
 Bentley — McGinn 1 run (McGinn pass to Wessel).
 Bentley — Wessel 55 pass from Lucey (Campbell kick).
 Bentley — Flori 8 run (Campbell kick).
 Bentley — Wessel 97 pass from Lucey (kick failed).
 MIT — Gasparini 11 run (Reyes kick).

	MIT	Bentley
First downs	17	7
Rushes-yards	62-292	35-165
Passing yards	14	200
Passes	2-5-1	8-12-0
Gain per play	4.6	7.8
Return yards	75	41
Punts	4-156	5-174
Fumbles-lost	5-3	1-0
Penalties-yards	3-23	6-70

MIT Individual Leaders
 Rushing — Adams 24-109, Ekberg 17-91, Maeda 8-53, Gasparini 13-39.
 Passing — Gasparini 2-5-1-14.
 Receiving — Ekberg 1-8, Spaight 1-6.

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Interviews at MIT will be conducted November 4th and 5th

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sports

MIT finishes in the middle of the Charles at regatta

By Anh Thu Vo

An estimated 192 rowing clubs and schools competed in Sunday's Head of the Charles Regatta. MIT sponsored five entries — the men's varsity lightweight eight and championship eight, the women's varsity youth four and championship four, and the alumni lightweight four.

Races began at 9 am, with boats starting every ten seconds apart racing head style. The boats were called one by one to the starting line by the racing officials and were timed as their bows crossed the starting buoy.

The Men's Varsity

The Ridley Graduate Boat Club from Canada defeated 40 competing crews to win the Men's Championship Eight race. Their time was 14:20. The MIT men's championship eight rowed to a 28th place unofficial finish.

The men's lightweight eight finished 12th out of 36 with a time of 15:56, winning a guaranteed entry for the regatta next year. The Vesper Boat Club from Cambridge won the event in 14:56.

"We started out very aggressively and passed the two eights from the University of Nebraska and George Washington University in the first half of the race," said MIT coxswain Michael Fox '88.

Rowing in the lightweight eight were James Pierce '88, Gary Waldman '88, Brian Barth '87, Daniel Chang '89, Daniel O'Shea '89, Alex Laats '89, Marcel Eberle '88 and Stephen Brown '87.

The MIT alumni lightweight four came in second with a time of 16:58, 14 seconds behind Canada's London (Ontario) Rowing Club. The MIT alumni four set the record for the course in 1984 with a time of 16:27.

The Women's Varsity

The women's championship four came in 19th out of 28 competing crews with a time of 20:26. The Yale championship four carried home the first place medals in 19:09. Earlier this June the MIT four defeated Yale, but the current Yale crew came from last year's strong novice team, winners of the Eastern Sprints.

Coxswain Audra Noel '88, of the MIT championship four, noted that the race went well and that the boat felt smooth, although unexpected head wind created some troubles in keeping the boat in balance. Rowing in the championship four were Felicia Dimoff '87, Katharine Moore '88, Shir Filler '88, and Julia Nugent '87.

This was the first year that the women's varsity received an entry for the youth four.

The MIT youth four came in seventh out of 18 with a time of 20:51, while the four from Menota Rowing Club won the event with a time of 19:53. The MIT four passed two fours from Taber Academy Rowing Club and Boston Rowing Club and edged out St. Mark Boat Club near the end despite an over-the-head crab, in which the oar fails to enter the water perpendicularly.

Rowing in the youth four were Karen Cianciulli '88, Laura Grumbaun '88, Dorit Brenner '89 and Karen Chenausky '89. Tricia Roxas '89 coxed.

Women's varsity coach Mayrene T. Earle was pleased with the results from the two fours. "They did well especially when they had only four days of practices together." This is a rebuilding year for the women's team, she added.



The men's varsity lightweight eight finished 12th of 36 in Sunday's Head of the Charles regatta.

Mark S. Abinante

Undefeated Bentley rolls over Beavers, 35-13

By Harold A. Stern

Bentley College dealt a serious blow to MIT's playoff hopes on Sunday, as the undefeated Falcons rolled over the Beavers, 35-13.

MIT (3-2) went into the match a game behind the Falcons, who are ranked first in the nation in club football. The Beavers' offense has been impressive as of late, ranking second only to Providence College in total yardage.

Bentley opened up the scoring with an early touchdown, but MIT came right back. The Beavers marched downfield, and a 15-yard run from Christopher J. Adams '87 put the ball into the end zone for MIT. The touch-

down was the eighth of the season for Adams, who leads the conference in touchdowns.

The MIT rushing attack continued to perform, as Adams and Hugh Ekberg '88 — who are 1-2 in the conference in yardage — combined with Chris Maeda '89 and Peter Gasparini '87 for nearly 300 yards on the ground. The Beavers gained 17 first downs, to only seven by the Falcons.

But the Falcons made their first downs count — turnovers wasted several MIT opportunities and set up easy Falcon scores.

Trailing 7-6 with the ball near midfield, Gasparini scrambled for a 30-yard gain but was stripped of the ball when tackled by the Falcons. Bentley recovered —

MIT never did.

The loss could not be blamed solely on offensive mistakes — Falcons quarterback Kevin Lucey

picked apart the MIT defense, passing for 200 yards. A completion — followed by a late hit on (Please turn to page 19)

MIT Football Season Statistics

Team	Offense	Per Game	Defense	Per Game
Rushing yards	1270	254.0	442	88.4
Passing yards	341	68.2	927	185.4
Total yards	1611	322.2	1369	273.8
Scoring	114	22.8	90	18.0

Rushing	Games	Carries	Yards	Avg/Game	TDs
C. Adams	5	101	524	104.8	8
H. Ekberg	4	64	378	94.5	3
P. Gasparini	5	46	200	40	4
C. Maeda	5	28	161	32.2	0

Receiving	Games	Caught	Yards	TDs
K. Corless	5	10	260	2
H. Ekberg	4	2	26	0

Tackles	Posn.	Ind.	Asst.	Total	Sacks
P. Anderson	LB	12	31	43	½
H. Yang	DB	24	15	39	0
R. Rice	DE	18	19	37	7½

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