

Year in Review, section 2

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MIT
Cambridge
Massachusetts

Tuesday, February 3, 1987



Lisette W. Lambregts/The Tech
Students work on their schedules during Registration in Dupont yesterday. Don't panic — the Washington's Birthday holiday is only two weeks away.

Simplex plan released Proposal divides area into three complexes

By Anu Vedantham

A group appointed by the City Council of Cambridge revealed recommendations Thursday for construction of a large industrial/entertainment complex which will include MIT office buildings and eating places for MIT students.

The group, called the Blue Ribbon Committee, is calling for demolition of existing businesses on the land and reorganization of the area from Main Street south to Memorial Drive into three complexes: Lafayette Square where Toscanini's presently stands, University Park on the other side of Massachusetts Ave., and a housing and industrial center farther south. MIT owns all of the land.

The report includes the following recommendations:

ing recommendations:

- Lafayette Square should be a pedestrian center with "shops, cafes, restaurants and entertainment... for lively day and night use." Committee Chairman Wilhelm V. von Moltke, professor emeritus at the Harvard School of Design, said, "It should appear as a major landmark on Mass. Ave."

- University Park would include outdoor dining areas with fountains and sculptures, areas for public exhibitions, offices for research and development, neighborhood stores, and up to 300 units of mixed-income housing.

- The center of the park, called University Common, should be a place where the community and MIT come together, said Peter Chermayeff, assistant chairman Peter Chermayeff from Cambridge Seven Associates.

- The rest of the area under consideration would consist of light industry and mixed-income housing. The report also suggests the construction of a neighborhood park and playing fields.

Also, the entire area would undergo a vast tree-planting scheme which may be paid for by public funds. Parts of the area would be landscaped, possibly with brick pavements, and new pedestrian

walks to the river would be built, the report proposed.

These changes are expected to bring vast increases in Cambridge traffic patterns, and the report recommends the change of Albany, Waverly, and Sidney streets to one-way streets.

Several traffic and environmental studies are needed before "more specific recommendations" can be made for this Blue Ribbon Committee plan, the report said.

Community opposition

Over 175 members of the Cambridge community and three City Councillors debated the committee's plans at the Morse School Thursday.

Many community residents strongly objected to the Blue Ribbon Committee's plan and wanted MIT to provide more housing and blue-collar jobs and to avoid "bulldozing the local businesses." Residents also expressed concern over the impact of the plan on the environment, traffic increases, and the water table.

The Simplex Steering Committee, a community residents' group, produced an alternative layout which allotted significantly greater space for low to moderate

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MIT accepts tenured housing

By Derek T. Chion

The Graduate Student Council's proposed graduate housing policy will be phased in over a period of two to three years starting this fall, according to Frank E. Perkins '55, dean of the graduate school. He recently approved the plan, and the Academic Council, Dean for Student Affairs Shirley M. McBay and Associate Dean for Residence and Campus Activities James R. Tewhey have had no objections, Perkins said.

MIT will eventually reserve 400 places in graduate student housing for first-year graduate students, according to the policy. The reserved spots will be untenured and would be held for only one year. The plan is designed to give incoming graduate students a greater chance of getting housing.

Currently all places in the graduate housing system are tenured. The Institute can presently house only 18 percent of first-year graduate students and 30 percent of all graduate students.

The two to three year phase-in period will give the administra-

tion time to see how the plan works, Perkins said. Although there has been some debate over whether the plan is the best one possible, "It is better to proceed because everyone agrees with the objective [of giving first-year graduate students a greater chance of receiving on-campus housing]," Perkins said.

MIT will create a lottery for

untenured housing for first-year graduate students, in addition to the existing one for tenured housing, said GSC President Norman G. Wereley G. Entering students will be given a choice of either the untenured or tenured housing lotteries. They will be encouraged to enter the untenured lottery, which will give them a better

(Please turn to page 19)

Olsen will speak at commencement

By Michael J. Garrison

Kenneth H. Olsen '50 will deliver this year's commencement address, President Paul E. Gray '54 announced. Olsen, founder and Chief Executive Officer of Digital Equipment Corporation, earned SB and SM degrees in electrical engineering at MIT.

Olsen will address those assembled for MIT's 121st commencement exercises on Monday, June 1.

Gray selects the speaker from a short list submitted by the Commencement Committee. The committee is made up of faculty and students. Gray does not re-

lease the list in order to avoid embarrassment for those who are not chosen.

Fortune magazine recently described Olsen as "the most successful entrepreneur in the history of American business. In 29 years he has taken DEC from nothing to \$7.6 billion in annual revenues."

Olsen served on the staff of MIT's Digital Computer Laboratory for seven years, leading the section at Lincoln Labs that designed and built the MTC computer used in the SAGE air defense program.

He is now a member of the

MIT Corporation and of the visiting committee for the Department of Electrical Engineering and Computer Science. In the past, he has served on the visiting committees for the Departments of Mechanical Engineering and Aeronautics and Astronautics.

Olsen has served on the Computer Science and Engineering Board of the National Academy of Sciences, as well as the President's Science Advisory Committee.

He is a fellow of the Institute of Electrical and Electronics Engineering and the American Academy of Arts and Sciences.

He is also a member of the National Academy of Engineering.

Olsen will be the sixth guest to present the commencement address in recent years. The MIT president gave the address during the years 1965 through 1981.

Since then, the speakers have been: Katherine Graham, chairman of the Washington Post (1982); Helmut Schmidt, former chancellor of West Germany (1983); Shirley Chisholm, the first black woman elected to Congress (1984); Lee Iacocca, Chrysler chairman (1985); and William R. Hewlett SM '36, co-founder of Hewlett-Packard (1986).

ARA Services satisfied with progress

By Jai Young Kim

MIT's food manager, ARA Services, has met "about 75 percent" of its goals since its takeover six months ago, according to John Ledwick, ARA district manager in charge of MIT operations.

"ARA is doing a very good job," said H. Eugene Brammer, director of Housing and Food Services. "It's not as far along as we thought it should be," but "I would probably give them a very high mark," he said.

Recent changes brought about

by ARA's recommendations include a pizza restaurant at 500 Memorial Drive with west campus delivery, the addition of a salad bar to Twenty Chimneys in the Student Center, weekly graduate dinners at Ashdown House and food carts at various locations. Ledwick was particularly pleased with Cafe 13, the IAP cafe that ARA worked with the Undergraduate Association to establish.

ARA failed to meet its timing goals, Ledwick said. "We would have liked to have started the

[pizza] delivery in September," he said.

Validine expansion to be tested

This term ARA will experimentally market an expanded Validine meal card system by distributing cards to a test group of about 50 MIT community members. "Forced commons [mandatory meal plans] will then be evaluated in light of the Validine expansion," said Ledwick.

ARA will also evaluate the menus for each food area this spring. Surveys will be distributed in two weeks, and menus will be tailored to the responses of each dining hall, Ledwick said.

ARA will work with the Student Center renovation team as well as evaluating Walker Memorial's physical structure for possible reconstruction.

Several plans put on a back-burner

Ledwick pointed out that many other plans could not be carried out until the summer renovation. (Please turn to page 19)

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Shakespeare Ensemble invited to Keene competition for production of "A Midsummer Night's Dream." Page 14.

Review: "Joseph and the Amazing Technicolor Dreamcoat." Page 15.



Kenneth H. Olsen '50, founder of Digital Equipment Corporation.

MIT News Office

Secretary of Defense Caspar W. Weinberger

Interview

By Harold A. Stern

Caspar W. Weinberger was nominated by President Reagan to be secretary of defense in Dec. 1980, and was confirmed by the US Senate on Jan. 20, 1981.

Weinberger, 59, earned an AB degree from Harvard and an LLB from Harvard Law School. He joined the army as a private in the infantry during World War II, and left active duty four years later as a captain.

Under President Nixon, Weinberger was chairman of the Federal Trade Commission, director of the Office of Management and Budget, and secretary of Health, Education, and Welfare, a position he also held under President Ford until his 1975 resignation. Before becoming secretary of defense, Weinberger was vice president and general counsel of the Bechtel Group.

This interview was held with representatives from 11 campus newspapers. Weinberger first addressed the military budget proposals for Fiscal Years 1988 and 1989, and then opened the floor to questions.

[Two consecutive years of negative real growth] in the military budget has had very bad effects on our ability to do the things we have to do to protect the country. We shouldn't concentrate too much on just percentage growth or percentage figures or dollar increases. We ought really to look at why we need a defense budget at all, which is of course because of the threat to our national interests and our own agenda.

I think it would be a lot better world if we had effective defenses against nuclear missiles.

We have a very limited agenda. All we really want is to be left alone in peace and freedom and have that for our allies. We have no aggressive tendencies. We want to do things to protect ourselves; we want to do things that prevent [the] defense of our nation [from] being complicated by aggression, or by lodgement in our areas of bases from which aggression could be launched.

Essentially, we have had the same basic strategy that has been adopted and followed by this country at least since World War II — that is, to be strong enough to deter an attack on us. That involves, in a sense, getting into the minds of potential enemies — primarily the Soviet Union — and trying to figure the degree of retaliatory capability that would convince them that they couldn't make a successful [first] strike.

It is always a difficult thing under that kind of strategy to figure how much is enough. If we do not have enough we will not know it until it is too late to do anything about it. We try to do what we can to maintain the degree of strength that will prevent anyone attacking us.

During the 1970s, [defense spending declined] 20 percent in real terms. That happened to coincide with the second decade of Soviet expansion. So our ability to deter eroded substantially during that period.

As [the Reagan administration] came into office in January 1981, we found that we had to do a very great deal. We had to modernize our entire strategic defenses all at once. They hadn't been modernized for over 20 years. We also had to build up our conventional strength and regain our morale.

Almost everyone at my confirmation hearings in 1981 insisting that we needed a draft. The president and I were strongly opposed to a draft because of the way it practically pulled the country apart during the Vietnam years. We wanted to make the volunteer system succeed; we think [that has been] our greatest accomplishment.

The all-volunteer system has been working extraordinarily well. We are now getting all the people, and more, than we can use. If you want to go into the military, you have to wait now.

We are getting very high-quality people. Ninety-six percent high school graduates, many more people in groups one to three on the aptitude tests, fewer ones in groups four and below. We are retaining over 50 percent re-enlistments after one year as opposed to about 30 percent a few years ago. All of those statistics are very encouraging.

We have a very limited agenda. All we really want is to be left alone in peace and freedom and have that for our allies. We have no aggressive tendencies.

These two budgets that we now submit call, after two years of negative growth, for a three percent growth in real terms. Essentially, that is to continue the modernization of the strategic systems which is just about completed now, and to regain some increased conventional strength. Mostly, it is to add to the readiness of the forces we have.

The force strength remains pretty much level for the next two or three years. There are some increases in the navy as more ships come on line, but basically, no increase in strength, no increase in number of units. Some fewer units [result from] consolidation in the air force.

[We are asking for] substantial allocations after a couple of years of drought to research and development invest-

ments in the future, so that we can try and make sure that we can apply the latest and the best technology to the people who are in uniform defending us.

The structure of the budget is important. Close to half — about 45 to 47 percent, depending upon the year — goes to personnel. Salaries, retirement, medical benefits, educational benefits, are things that add to, and are vital to, the quality of life. The comparable figure in the Soviet military budget is nine percent, which says quite a lot about the differences between the societies.

We do have to have a very large amount of money. We would much rather not have to. But we do not know of any other way that we can re-equip, modernize, and keep ready the forces that we need to deter attack. The defense budget is still only about six percent of the gross national product; it used to be eight percent. In the 1950s it was about 14 percent of the gross national product.

The defense budget is 28 percent of the total budget of the United States. That is a great deal less than it was in the 1960s, and a great deal less than it was in the '50s, when it was actually over 55 percent of the federal budget.

We do not think we are in a situation where we are in any way exorbitant. We don't think we are in a situation where the country can't afford it. If we can't afford to keep our freedom then it would be a very different choice.



Harold A. Stern/The Tech

Q: Realistically, what do you think your chances of getting a three percent real growth in the fiscal 1988 budget are?

A: I never try to guess what the Congress is going to do. All I can really say is that it is urgently needed. I think we would be putting ourselves at a much greater risk if we don't get at least that much.

This is not a budget that allowed much expansion. There is only about five or ten percent new starts in that budget. The rest of it is maintenance, additional readiness, additional sustainability, personnel benefits, things of that kind, with a fair amount for some new research and development. About two percent of it is Strategic Defense Initiative. About 13 percent for strategic nuclear forces. The rest of it is conventional personnel and so on.

The theory that if . . . universities do not do research into military matters, then somehow that will contribute to the world's peace and freedom, is about as dangerously wrong as it can be.

What you do when you cut your defense budget is you take a chance. It is exactly like sharply reducing or eliminating insurance policies. It just adds to the risk, because it adds to the Soviet belief that they could make a successful attack. That weakens deterrence.

Q: What effect do you think the Iranian arms deal had on morale, and the likelihood of Congress approving an increased military budget?

A: I hope it wouldn't have any effect on either one. None of those events, whatever they may be (and we really do not know yet, and they should be investigated thoroughly), changed the necessities of the United States to be strong enough to deter an attack. None of them should have any effect on morale or the willingness or the desire of people to serve in the military, which has been extraordinarily good. They don't change the basic system: they don't reduce the threat against us from the Soviets, and they don't reduce the need for the country to stay strong.

Q: How do you think the President can best get over the affair? Should it be downplayed?

A: I think he should continue doing what he is doing, which is calling for full disclosures and full investigations, and begging the Senate [committee] to release their report.

Q: Is it true, as The New York Times reported, that when you and Secretary of State George Shultz PhD '49 were informed of the possibility of the alleged arms deal in January 1986, you expressed the opinion that it should not be done?

A: Yes, we have testified to that effect in committee.

Q: Have there been any preliminary results from the Defense Department's internal investigation of the matter?

A: That is not completed yet; I hope it will be available next week [the week of Jan. 12].

Q: How effective are Soviet anti-ballistic missile defenses?

A: There are two kinds of ABM systems. They have a traditional ground-based ABM. It is interconnected with a very large number of quite sophisticated radar. So that our B-52s (at least after a year or two) probably won't be able to penetrate it in any way safely. The B-1s will. We have a new advanced bomber which will be coming on line in the early 1990s which we think will be able to penetrate very nicely because it uses Stealth technology.

What you do when you cut your defense budget is you take a chance. . . . It just adds to the risk, because it adds to the Soviet belief that they could make a successful attack.

I think those defenses, particularly around Moscow, are quite strong. We started such a system in North Dakota, and abandoned it, after we'd invested \$1 billion a long time ago. One of the reasons was that it was only about 50 percent effective [against missiles].

The Soviets have been working, for 17 years, on a strategic defense system. That is what we have started after the President's speech in 1983. They are further along than we are, which isn't surprising, in some aspects — laser work and some of the directed energy physics.

Some of it is technology they have stolen from us over the years, or that we improvidently sold them. One way or another they have made very good progress. But they do not have, and they are not now ready to deploy, a truly strategic defense system . . . that would block and destroy missiles before they hit targets on earth.

They try to block us, and they try to persuade us to stop it. They try to get agreements that will forbid it. But I hope we never sign such an agreement. In the first place, they are not verifiable in any way. Secondly, I think it would be a lot better world if we had effective defenses against nuclear missiles. It would not just enable us to have agreements to cut them out, or to eliminate them, but we would have absolute assurance that they couldn't get through.

Q: Will the Soviets hold to the ABM treaty?

A: They have broken the ABM treaty already. They broke the ABM treaty with their radar out at Krasnoyarsk. Its primary, and sole, purpose is to complement, and work with, a system to defend against missiles of the kind that is forbidden by the ABM treaty. We are getting pretty close to the point where we would be able to possible deploy parts of such a system. The ABM treaty does forbid deployment, but the ABM treaty provides that signatories can state that they will no longer be bound by it, and after [six months], they are free.

Q: How is the SDI program progressing?

A: It is coming along very well . . . much more rapidly than we thought possible.

Q: Do you see a possible deployment date for SDI in the mid-1990s?

A: I would hope we get it sooner than that.

Q: How do you perceive the role of universities in defense research?

A: We would like universities to be able to maintain an academic environment and to have full and perfect freedom. We are convinced that the only way that will be sure to happen is for us to be strong militarily. We like to go to the places where the best capabilities are, and that is the universities, for research and for ways of keeping the country strong and free. I think there is a great contribution universities could make, and it is something we hope they would want to make.

I don't find anything incompatible with it, and . . . think it is an essential part of good citizenship. Most of this research has a very important civilian aspect and fall-out. By every token I think it is an important thing to do. I cannot conceive of any argument for not doing it. The theory that if we, in particular, universities do not do research into military matters, then somehow that will contribute to the world's peace and freedom, is about as dangerously wrong as it can be.

We do have to have a very large amount of money. We would much rather not have to. But we do not know of any other way that we can re-equip, modernize, and keep ready the forces that we need to deter attack.

The Soviets do this, without any publicity, without any public opinion, without the slightest opposition. They also steal our technology whenever they can and copy it. It is vital that we keep the one major lead that the West has and put it to use. I assume and accept and fervently believe in our good use of that in preserving our freedom and our peace. I would very much hope that the universities, as one of the best places to help the country in this regard would want to do so.

news roundup

from the associated press wire

World

Waite opposed to rescue

Archbishop of Canterbury Robert Runcie announced Sunday that Anglican Church envoy Terry Waite gave him instructions that no one should try to rescue him if he should be taken hostage in Lebanon.

Waite has not been seen since Jan. 20, when he left his hotel to begin negotiations with Shiite Moslem extremists.

According to sources in Lebanon, Beirut terrorists are demanding \$4 million ransom from the Church of England in exchange for Waite. (*The New York Times*)

Iran arrests alleged spy

Iran's official news agency reported the capture of what it calls a "spy of the Zionist regime." The person entered Iran with a false passport and masqueraded as a journalist, the report continued. Iran recently took 57 foreign reporters to the front of the war with Iraq, but there is no word on whether the alleged spy was part of that group. (AP)

Kidnappers seek release of suspect in TWA hijacking

Two West German hostages in Lebanon sent letters to their families and West German Chancellor Helmut Kohl in which they wrote that their captors want Bonn to free Mohammed Ali Hamadi, according to a report in the German magazine *Der Spiegel*. The United States is seeking to extradite Hamadi on murder and air piracy charges in connection with the hijacking of a Trans World Airlines plane. (AP)

South African firm seeks exemption from sanctions

The South African Coal, Oil, and Gas Company may have won an appeal to be removed from the list of firms barred from trading with the United States, according to unidentified sources quoted by the South African Broadcasting Corporation. Companies connected with the South African government may not trade with this country. The power company, which was once government owned, sold 70 percent of its stock to the public in 1979. (AP)

United States knew of arms sales

High Pentagon officials knew more than a year ago of plans by private arms dealers to illegally ship 39 American fighter planes and large numbers of other weapons — more than \$1 billion worth — to Iran, but did not stop the sales, according to confidential documents and participants who informed the government. Two congressional committees and a federal special prosecutor are currently investigating American arms sales to Iran.

The efforts were allowed to continue because military officials hoped to gain intelligence information, including information on Iran as well as advanced Soviet tanks that the Iranians had captured from Iraq, the sources said.

Although the Pentagon confirmed that it knew of the dealings by Dec. 1985, various arms dealers said in interviews that some high Government officials knew of the project by early 1984. (*The New York Times*)

Nation

Space shuttle astronauts prepare for next mission

Astronauts began training yesterday for the first space shuttle flight since the *Challenger* explosion last year. Astronauts have also been given more authority in decisions on shuttle design and operation. The five astronauts who have been selected to be aboard the next shuttle mission are Capt. Frederick Hauck SM '66, Lt. Col. Richard Covey, Maj. David Hilmers, John M. Lounge, and George D. Nelson. All of them have flown on previous missions. (*The New York Times*)

Race clashes ebb in Forsyth

About 50 blacks attended church services without incident Sunday in Forsyth County, Georgia, an all-white county where turbulent civil rights confrontations occurred the past two weekends.

The tranquility Sunday followed a period of clashes between Ku Klux Klan members and marchers protesting segregation in the county. (*The New York Times*)

Sports

Stars and Stripes beats Kookaburra III in third race

Stars and Stripes defeated Australia's *Kookaburra III* in the third race of the America's Cup final yesterday. This gives Dennis Conner, skipper of the American finalist, a 3-0 lead in the best-of-seven final. (AP)

Welch, O'Mara set track records

Lesley Welch set an American record for the indoor 3000 meters in the Terrier Classic at Boston University, and Frank O'Mara ran the fastest mile in New England history. Welch, the 23-year-old former BU star, broke Mary Decker Slaney's 3000-meter record of 8:47.3 in 1982 with an 8:44.05. Ireland's O'Mara passed America's Jim Spivey (3:55.71) in the final 300 meters with a 3:53.42 mile. (*The Boston Globe*)

Weather

A short spring

Some early clouds and a dusting of snow should give way to partly sunny skies and rather mild temperatures by afternoon. This is really the last day of our brief thaw. Although it will not turn bitterly cold after today, but temperatures will return to near or slightly below normal. The next threat of an important storm would be late Thursday and Thursday night. This one may be mostly snow, but it's too early to say how much will fall.

Today: Partly sunny with highs near 40. Maybe some snow-showers late.

Tonight: Partly cloudy and colder, low in the mid 20's.

Tomorrow: Mostly sunny, highs in the low 30's

Thursday: Increasing cloudiness, chance of snow by evening, highs in the low 30's.

Forecast by Chris Davis

Compiled by Robert Adams
Michael Gojer
Jai Young Kim
and Harold A. Stern

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The Tech

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opinion

Editorial

Another beginning

Today's issue marks the beginning of the 107th year of publication of *The Tech*. As new editorial staffs assume their positions, there is often a shifting of priorities, a change in editorial stances. But since 1881, the paper's primary goal has remained unchanged: "To publish a newspaper on a regular basis, and to provide experience in journalism and publishing for students of the Massachusetts Institute of Technology."

The Tech is dependent upon the continued participation and support of the student body for its survival. MIT has no journalism department from which we might recruit staff, and provides no financial support or any other sort of supervision.

We hope to continue receiving the support of the student body, and pledge to maintain the highest possible standards, including the fair and accurate reporting of news events that affect the MIT community. We will continue to serve as a forum for the community to discuss issues that shape our campus and our world, from all points of view — not only the viewpoints popular with our editors.

The Tech

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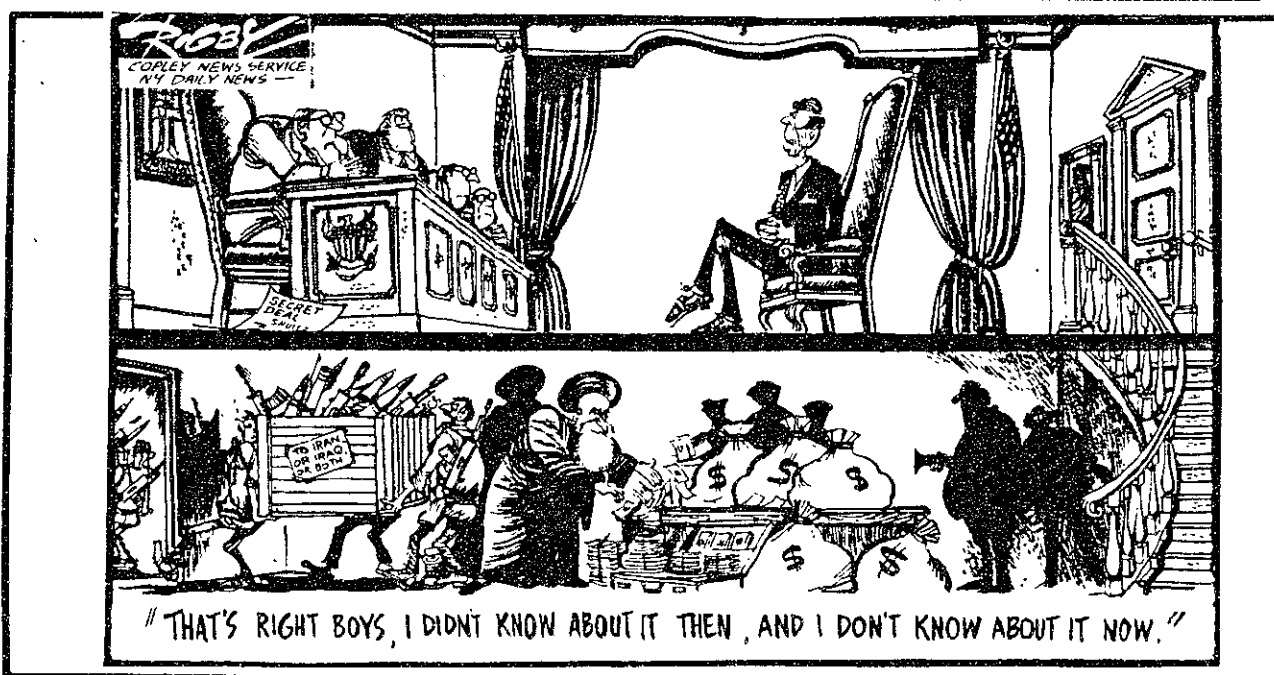
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Column/Scott Saleska

Colloquium is political event

Tomorrow afternoon, the second MIT Colloquium on South Africa is being held. Because it is likely to be very educational about South Africa and the role of foreign investment there, we of the Coalition Against Apartheid and People Against Racism urge everyone to attend.

However, those who attend should recognize that this Colloquium is different from most. In addition to being educational, it, like the South Africa colloquium held a year ago last fall, is also a political event. I don't mean this in the sense that the problem in South Africa is a political problem (although it is), but that the existence of this colloquium is a product of the politics here at MIT.

Therefore, to regard it as simply another in a series of primarily educational forums would be to overlook an essential component necessary for understanding what goes on tomorrow in Kresge, in the Student Center and especially at the evening discussions in living groups with MIT Corporation members.

What will go on tomorrow will be another event in the ongoing political struggle within the MIT community. Although the apparent focus of this struggle is the

South Africa divestment issue, the essence of it is something more. For it is not merely a difference of opinion over the effectiveness of this or that tactic for opposing apartheid that is at stake, as President Paul E. Gray '54 would have us believe, but rather a fundamental conflict of priorities.

On the one hand are the priorities of the MIT Corporation. This is the group of people who make the important decisions about how MIT will be run. Their priorities are first and foremost the priorities of corporate capital. And these are, as they always have been, profit and control.

On the other hand are the interests and priorities of human lives. Not only the lives of black South Africans, but of people here at MIT and in the surrounding community as well. I am thinking particularly of MIT's food service workers whose hard-earned pensions MIT is now summarily eliminating, or of the residents of Cambridgeport, whose housing concerns MIT ignores while taking over their neighborhood.

The human priorities of these people, however, are largely ignored. After all, according to the

corporate priorities of profit and control, such people aren't really very important. They are mostly poor and have little power over even their own lives. They are far away in South Africa or they are in the way here, and, in any case, they don't have much money and a lot of them are black, so who cares?

Tomorrow at the Colloquium the members of the Corporation will present you with an image. The image will be that the Corporation is concerned about the people of South Africa, that it wants to do what is best for both MIT and South Africa and that the reason they are participating in the Colloquium is to learn about the issue and find out what students think so they can better assess the divestment question.

That image is a lie. After dealing with the MIT administration and Corporation on this issue for almost two years now, we in the CAA have learned that such images often have little content.

Last spring, for example, the Corporation announced ["ACSR affirms Sullivan principles," March 4] that MIT was divesting \$6.5 million worth of stocks because they were in Sullivan Category III companies (Category III

(Please turn to page 12)

feedback

Class gift will be meaningless

To the Editor:

If it were given today, the senior class gift would be as meaningless as the gifts that have been given in the past. Class government has seen to it that no formal, binding class consensus will be taken. The class council has bent over backwards to please the MIT bureaucracy before seeing to the wishes of those the council professes to represent.

MIT, via the Alumni Office, has found a very apathetic class government and has been very insistent that its wishes be heeded by this government. According to Barbara Peterson, student programs coordinator for the MIT alumni fund, "We cannot work towards a gift that does not directly benefit MIT."

It is not clear that the senior class wants a gift. The Class of 1987 has failed to provide the input necessary to consider any gift as representative of the class' wish. Is a handful of responses on a mailed survey an adequate reason to have any gift whatsoever?

Nonetheless, the senior class gift selection process forges ahead, or more accurately, is merely helped along. Traditionally, the senior class council has

been responsible for organizing the gift selection process. They send out surveys to class members, but do not reach everybody. From the returned surveys, the council narrows the possibilities.

Uncomfortable with the lack of feeling and thought that such a gift would undoubtedly have, I decided to challenge this tradition. Last October, I introduced to the senior class council the possibility of donating our class gift to the MIT Endowment for Divestiture.

My motivation for doing this was as clear and as compelling then as it is now: I strongly believe it is a common goal of many MIT seniors to destroy the racist apartheid system in South Africa. I also find it popular among my classmates that donating directly to MIT, while it is still carrying out business as usual in that country, is in direct conflict with many of their values and beliefs. The Endowment for Divestiture would be a way of giving money to MIT without supporting the systematic slaughter and detention of thousands of anti-apartheid activists.

At that meeting of the class council I asked for full support for this very appropriate and uni-

fying senior class gift, which by its mere existence would send a most meaningful message from the Class of 1987 to all present and future students, faculty, staff and administration.

In order to keep the class aware of these developments, I wrote an open letter to Grace Ueng '87, class president, proposing a binding class-wide, preferential ballot vote to decide on a senior class gift. In that letter ["Senior class should hold vote to determine class gift," Dec. 9] I also proposed that the EFD be on that ballot.

Finals week ended, IAP began and my previous optimism dwindled. Ueng never responded to my letter. A sympathetic class council member alerted me to a scheduled council meeting where this issue would be decided on once and for all.

I was furious. What happened to the class vote? What happened to the plan which would democratically decide the single highest symbolic act any one class could give to its *alma mater*?

I acted quickly. Barbara Peterson said that because donations to EFD would not go directly to MIT, or at least into an account MIT has control over,

(Please turn to page 9)

opinion

feedback

Sexism, racism share similarities

To the Editor:

In a Nov. 25 guest column ["Evidence of faculty racism questionable"], Professor Arthur Mattuck expressed concern at quotations from the 1985 Black Alumni Survey which accuse the faculty of racist behavior.

He wrote, "When the report on sexual harassment came out, it struck resonant chords: we all knew faculty with sexist attitudes and we had heard stories. By contrast, the minority report caught me by surprise: I don't know of any racist mathematics faculty, and have heard no stories."

I chaired the committee which issued the sexual harassment report in 1980. I make two observations based on that experience.

The first has to do with visibility and belief. Sexual harassment had been invisible by convention, in our society, and at MIT. Some members of our committee had heard a few stories, but we all heard much more when we began to ask.

Racial harassment has certainly been visible in the society at large for some time, but most faculty don't expect it at MIT and are surprised by reports of its presence. I expect that we will hear more about the incidents in our population of black colleagues and students now that we have started to ask about their experience here.

The sexual harassment committee heard a few real "horror stories" about the behavior of some of our faculty towards their students. I could hardly believe my colleagues capable of such behavior.

The Racial Climate on the MIT Campus states that about 15 percent of the 137 black alumni respondents voluntarily mentioned specific racial incidents involving MIT faculty. That amounts to 20 events, likely involving fewer faculty members, not all real horror stories.

If all these incidents are real and each is reported only once, then these sketchy numbers suggest an expectation of less than one racist incident at the "horror story" level in the mathematics faculty. Professor Mattuck's estimate that there are no racist faculty in the mathematics department may be correct.

But I no longer find it unbelievable that the least considerate one percent of the MIT faculty may show some bizarre, insensitive and gross behavior, at least until administrative and faculty

action makes it clear that such behavior is unacceptable.

It is encouraging that the reporting of complaints which Professor Mattuck urges is judged by Mary Rowe to have been somewhat successful in sexual harassment cases since the 1980 report. For example, a much larger fraction of the complainants are now willing to discuss incidents directly with those they accused. Very few persons with whom a complaint has been discussed have been the subject of a later complaint.

The fraction of complaints which represent real "horror stories" has decreased greatly. The typical time between an incident and complaint has dropped from years or months to days. No level of sexual harassment is satisfactory, but the number of complaints has not grown while the population of women at MIT has. Administrative and faculty action on sexual harassment may have helped bring about those changes. Further action may help generate more, and more prompt and successful, complaint reporting in racial cases.

My second point has to do with the wide differences between the perceptions of the two parties in a typical incident leading to a sexual harassment complaint. Even in some "horror stories," the two perceptions were that a thesis supervisor had issued a flattering and exciting invitation, while his student had received a nauseating and coarsely stated demand, to be denied only at the cost of her professional career.

Perceptions may be even further at variance in less extreme

cases. Misplaced chivalry can make it difficult for women to learn how to do their own experimental work. Misplaced benevolence can lead some faculty, who lack Professor Mattuck's sensitivity, to give easy tasks to minority students. People with these motives would like to be helpful, but some of us need to learn how. Others use words and phrases which are perceived as racist, but not by the speaker.

Professor Mattuck gave a beautiful example from his MIT experience:

Many years ago, the mathematics department held up the graduation of a student; he felt this was unjust. A year later the case was discussed again in an Institute committee, and I was urged to give him his degree with "Look, you've already gotten your pound of flesh."

As it happens, I am Jewish and the student was obviously not. I was sure then and now that the faculty member who made that remark was and is not antisemitic, but after 15 years the memory is still fresh.

A Jewish student, less mature and generous than Professor Mattuck, exposed to a number of such faculty comments during four years at MIT, might well conclude that MIT was an unwelcoming and anti-Semitic environment and say so when asked to comment on the MIT experience in a telephone poll of Jewish alumni. Surely the issue Mattuck's story raises is not whether the Institute committee member was or is anti-Semitic, but how to sensitize him so that he stops

(Please turn to page 9)

SCC film offends Turkish group

To the Editor:

The SCC midnight movie of Jan. 24, "Midnight Express," caused much distress among the MIT Turkish community — enough so that the MIT Turkish Student Association distributed leaflets before its showing.

The movie concerns the arrest for drug smuggling out of Turkey of a young American, William Hayes, and his subsequent conviction, imprisonment and escape.

The movie is "based" on a true story, but deviates wildly from some of the most basic facts as published in the book with the same title.

The prison where he was actually incarcerated was a minimum security facility located on an island in the Aegean Sea. It had no

walls and the prisoners were allowed to swim in the sea. The prisoners also had jobs picking fruit of which they ate. These few examples alone indicate conditions much different from those portrayed in the movie.

But this is not the offense. I simply pointed out these details to say that as the movie misrepresents Billy Hayes' story, it also grossly misrepresents the character of the Turkish people. I have personally found Turkish people to be quite friendly, loyal and hospitable. The movie may deal with some interesting themes and experiences, but it does not represent the Turkish people any more realistically than "Dallas" or "Dynasty" represent the American people.

Brent Chambers G



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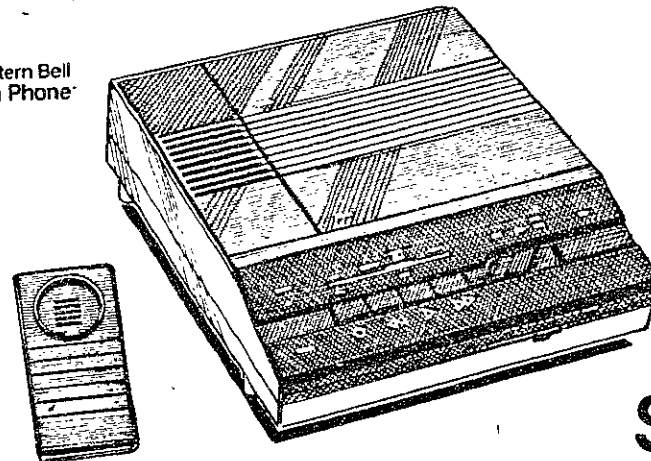
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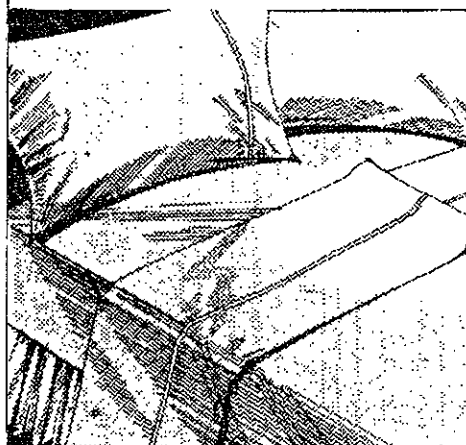
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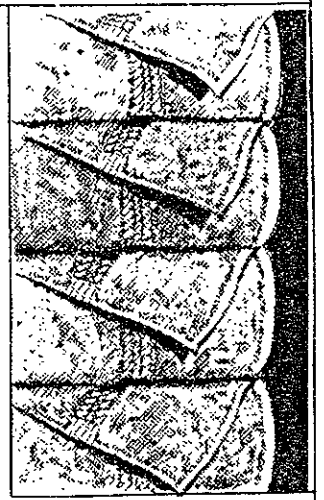
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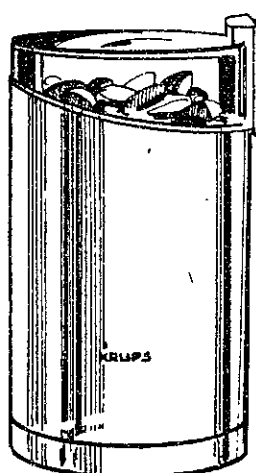
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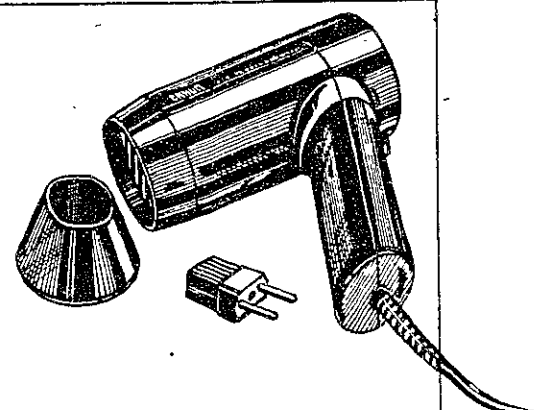
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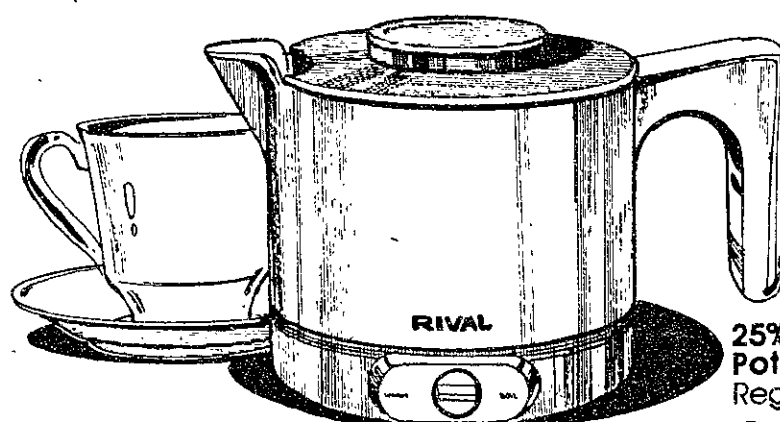
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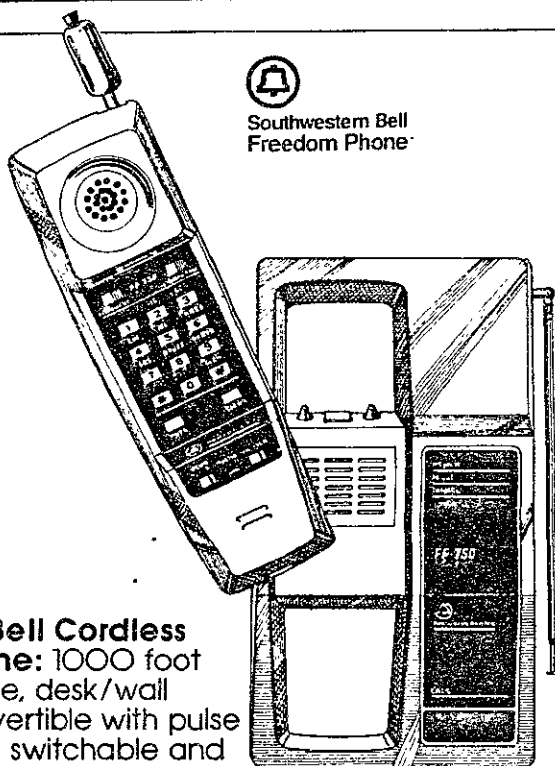
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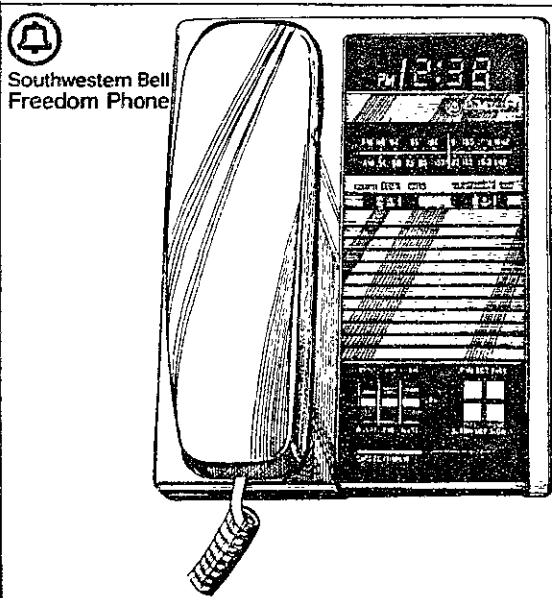
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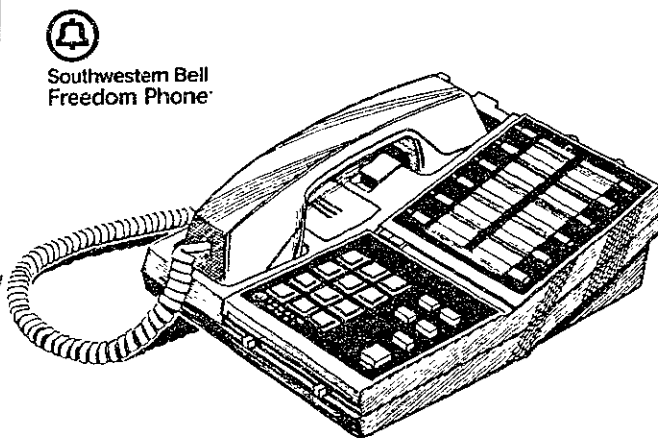
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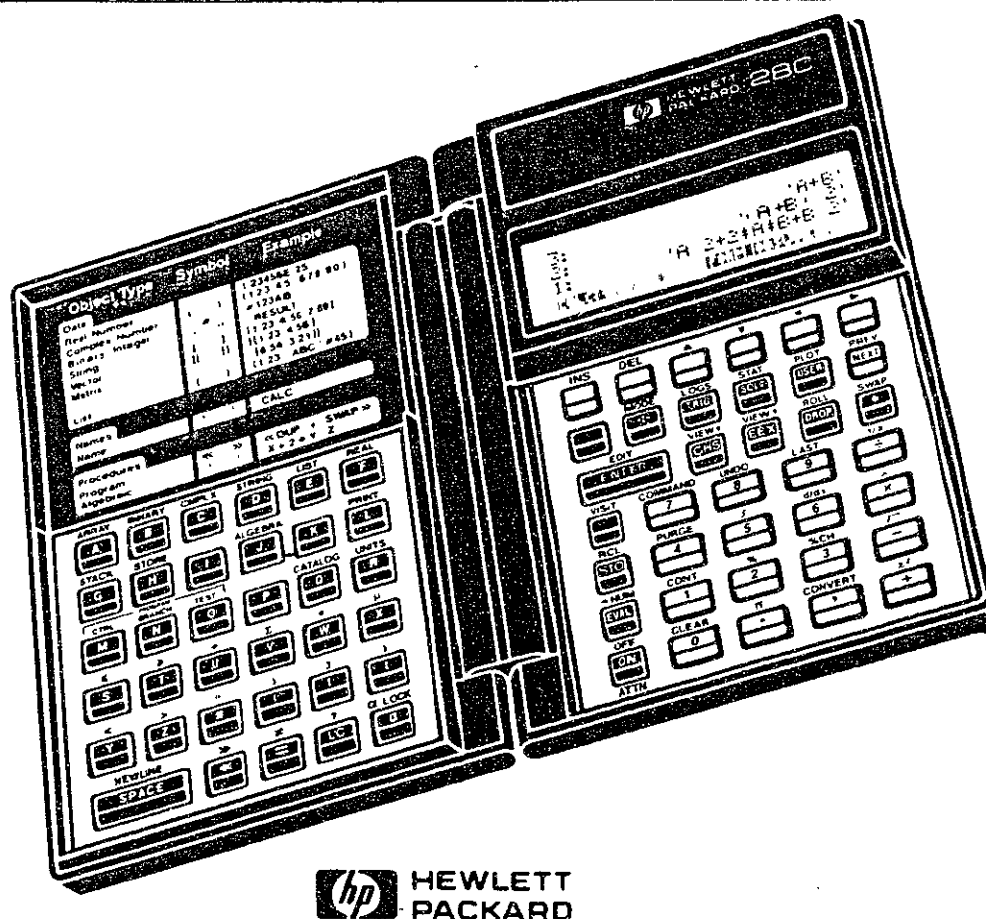
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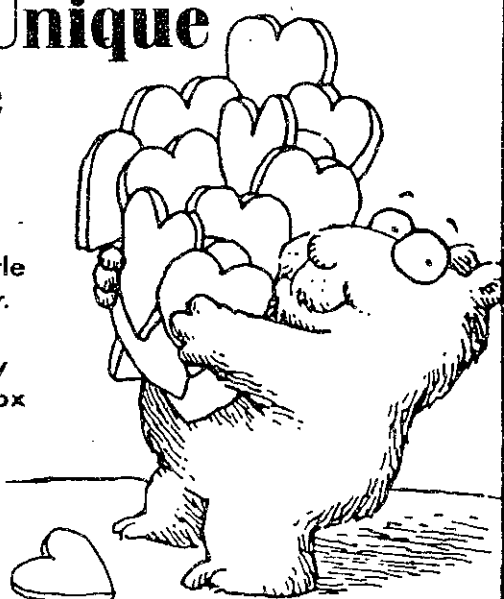
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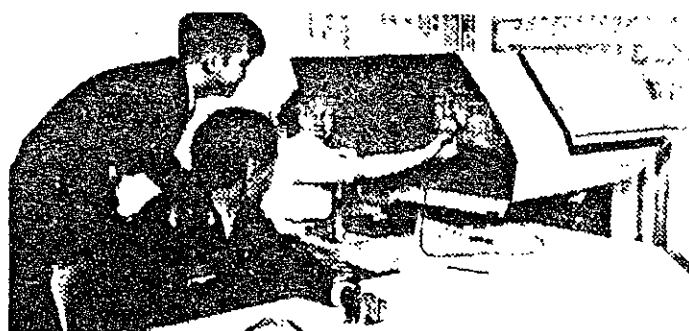
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opinion

feedback

Senior class should pick class gift

(Continued from page 4)
the Alumni Office would not help in writing letters and organizing on behalf of the class if it chose the EFD as its gift.

I was appalled. Whose gift is it anyway? Ueng said the class council decided against the EFD idea because few people would donate to the gift and the choice would divide the senior class. She claimed that the Alumni Office's position on a gift to the EFD was not the reason why the class council rejected the idea.

The Alumni Fund deserves strong criticism for its role in this matter. It is very clear that it does not care what it is we decide as a class to give to MIT. Anything that will cause the MIT senior to begin contributing to this institution will be just fine for them.

If MIT was really concerned in making sure the gift is a feasible one, why do they not direct the

Physical Plant Director to take on the advisory role the Alumni Fund has taken on quite willingly? Furthermore, it is in direct conflict with this class' wishes for an Institute body, such as the Alumni Fund, to block or advise against any class gift. I underscore: It is *our* gift, not MIT's.

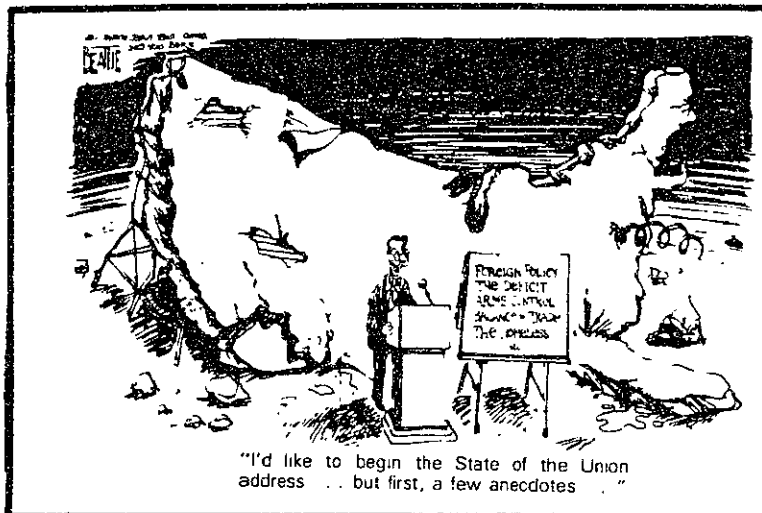
Secondly, our senior class government deserves strong criticism as well. It is clear that the MIT administration does not need to work very hard to get the class to follow its wishes. The Class of 1987 is a group of adults. We can decide what is good for us; we certainly don't need anyone else to. The senior class council has willingly subjected themselves and more importantly, they have subjected the entire class, to the MIT bureaucracy. In the process, the senior class gift has lost all meaning.

Finally, the senior class, including myself, will have to take on a

part of the blame for letting this go on during the four years we were here. Through lack of interest and involvement, the Class of 1987 has not worked hard enough to make the MIT experience more worthwhile. We have not challenged the values of this institution. We have not relayed our valuable insight to our elected representatives. We have allowed MIT to swallow us whole, without protest, without action.

As a class, we have one final chance. The senior class gift is still ours. We can decide to go through the motions and donate something blindly to MIT. We can decide not to donate anything at all. Alternatively, we can donate a gift we all participated in deciding on, one with meaning, one with hope. We can decide to donate it to the people who really make up MIT: present and future students, faculty and staff.

Marino D. Tavaréz '87



Community needs more sensitivity to racism

(Continued from page 5)
making Jews feel out of place at MIT.

Denying or affirming the racist intent or effect of actions by MIT faculty and students seems less useful than finding out how we can help one another increase our sensitivity to the perceptions of the minority members of our community.

We have made some progress in reducing the level of perceived sexism at MIT. It is time to deal

with the harder task of reducing the level of perceived racism.

We must, among other things, learn the phrases whose thoughtless use may remain fresh in the memory of a black colleague or student for 15 years. We have fewer sources of information and insight about perceived racism. We must value the sources we have all the more.

Peter Elias '44
Professor of Electrical Engineering

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MUSIC GROUP AUDITIONS SPRING 1987

- Brass Ensemble:** Tuesday, February 3, 5:30 pm, Kresge Rehearsal Room B. Further info: Music Office, 253-3210. All brass welcome. Timpanist needed!
- Chamber Music Society:** Monday, February 2, 7:00 pm, Room 4-156. Sight-reading & prepared contrasting pieces. Further info: 253-2906.
- Concert Band:** All welcome to join. The first rehearsal will be Monday, February 2, 5:00-7:00 pm, in the Sala (Student Center). Further info: Scott Berkenblit, 494-5284.
- MIT Choral Society and Chamber Chorus:** Open rehearsal, Monday, February 9, at 7:30 pm, in room 2-190. Only students are eligible for Chamber Chorus, which meets at 6:00 p.m. Further info: Betsy Parker, 225-8594.
- MIT Symphony Orchestra:** Tuesday, February 3, Kresge Auditorium, 7:30 pm. There are openings in all string sections. For more information call: Maureen Burford, 253-2826, between 1:00 and 5:00 pm, Monday-Friday.

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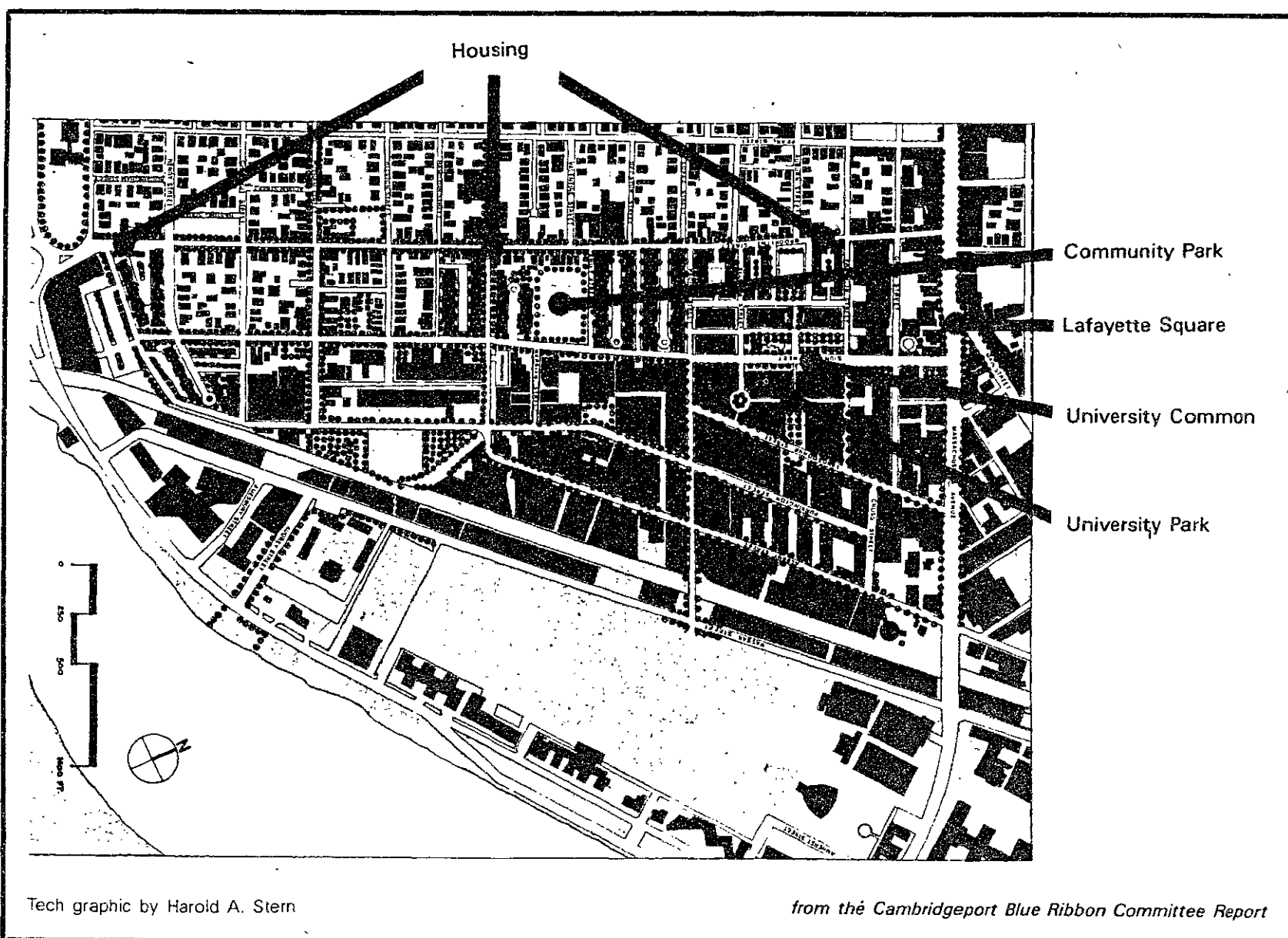
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Detailed development plans proposed for Simplex



Tech graphic by Harold A. Stern

from the Cambridgeport Blue Ribbon Committee Report

(Continued from page 1)

income housing, and less research and development office space, according to Stephen Fernandez '86.

This alternative layout was a composite of MIT students' design projects based on interviews of community residents, Fernandez explained. He said that this model was highly specific since it was composed from detailed layouts. Neither the Blue Ribbon Committee nor the City Council has so far considered this model.

Councillor Sandra Graham commented, "The community can accept this [Blue Ribbon] plan or tear it up . . . This may not be the best report because of compromises, but if we do nothing, MIT has the right to build. We need to put some controls on MIT."

Representatives from MIT and its developer, Forest City, would only agree to a proposal that would be acceptable to MIT, and their position became "too much of a limitation" in formulating a proposal, said Councillor Casper Sullivan.

Chermayeff said the committee made many compromises. He explained, "A sterile office environment was desired by MIT and Forest Cities [while] the rest of the Blue Ribbon committee wanted shared territory — R&D [research and development] mixing with community, making public space a place full of life."

The City Council appointed the committee's nine members to plan the revitalization of Cambridge into "Cambridgeport Industrial District" in 1985. The committee included representatives from MIT, MIT's developer Forest Cities, the Cambridge community, and outside planning experts.

The committee met for two hours every two weeks, and reached the present compromise after a year.

notices

Listings

Student activities, administrative offices, academic departments and other groups — both on and off the MIT campus — can list meetings, activities, and other announcements in *The Tech's* "Notes" section. Send items of interest (typed and double spaced) via Institute mail to "News Notes, *The Tech*, room W20-483," or via US mail to "News Notes, *The Tech*, PO Box 29, MIT Branch, Cambridge, MA 02139." Notes run on a space-available basis only; priority is given to official Institute announcements and MIT student activities. *The Tech* reserves the right to edit all listings, and makes no endorsement of groups or activities listed.

Tuesday, Feb. 3

The MIT Black History Month Committee presents Al Eaton, performing a one-man show highlighting the life of Dr. Martin Luther King entitled "We are the Dream" at 7 pm in 34-101.

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Wed., Feb. 4

An orientation will be held for all Course VI sophmores interested in applying for the VI-A Internship Program at 3 pm in 34-101.

* * * * *

People Against Racism will sponsor a Jazz Benefit for the African National Congress at Kresge Auditorium at 8 pm. Featuring Semanya McCord, The Boston Composers' Group, and other artists, the concert will cost \$10 (\$5 for students). For more information call Gretchen Kalonji, x3-6863.

* * * * *

Jane Crosthwaite, professor of religion at Mt. Holyoke, will speak on "Religious Power: Will the Women's Movement Win?" at Cambridge Forum, 8 pm, 3 Church St., Harvard Square. Free and open to the public.

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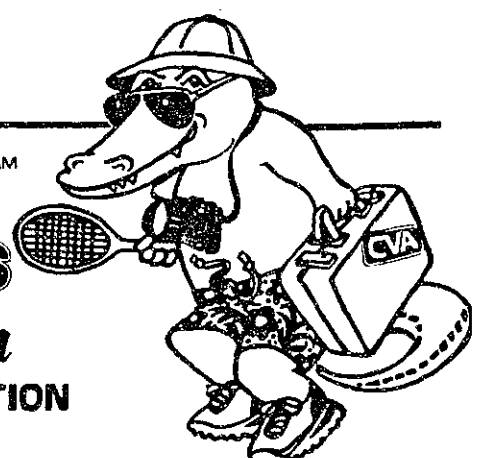
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opinion

Corporation is dehumanizing

(Continued from page 4)

companies are those which "need to become more active" in complying with the Sullivan code).

Later in the spring, however, during a May meeting of the Corporation Joint Advisory Committee, it turned out that these stocks had been sold earlier purely because "they weren't doing well" financially. The fact that they were also Category III was coincidental. The so-called partial "divestment" turned out to be another hollow image.

More fundamentally though less explicitly deceiving is the claim that the Corporation is in any way "concerned" about black South Africans. This was clearly demonstrated during the meeting between members of the CAA and the Corporation last Oct. 3. Their astonishing ignorance on so many details of the South African situation betrayed their true lack of concern for the issue.

When CAA member Marie Gilles-Gonzales G asked them whether they had consulted any black South Africans before making their decision against total divestment, the Corporation gave no answer.

When they were asked how they had voted on the IBM proxy question issued last year on whether IBM should pull out of South Africa, a room full of Corporation members — including chairman David Saxon '41 and several Executive Committee members — said they couldn't remember.

When it was pointed out to them that Ford Motor Company (in which MIT invests) sells vehicles to the South African military, Saxon maintained that MIT Corporation members couldn't be held personally responsible for the actions of the companies in which they were involved.

When CAA members stressed the importance of South Africa's

plight, Corporation member Joe Moore responded, "Why, down in Texas, we're not really so concerned about South Africa."

Do not misunderstand me. I do not recite this list of anecdotes merely to depict certain individuals as evil or inept. The problem is much bigger than an individual one. These anecdotes illustrate symptoms of a problem that is systemic.

When MIT embraces research dollars no matter where they come from or what they are for, or when the Corporation dismisses the concerns of Cambridge citizens, of MIT workers, or of a whole nation of suffering human beings, it is not just because a few individuals are being individually greedy or insensitive. Rather, it is nothing more and nothing less than precisely what one should expect from a system whose very foundation depends on the profit priority above all else.

It is because we in the CAA and PAR reject the inhuman priorities of such a system that we oppose not only its involvement in South Africa, but in a real and important sense its involvement in running MIT as well. For it is the same priorities which shape the system which destroys lives in South Africa that also cheapens and degrades the quality of human existence here.

For those who insist upon the primacy of people's lives over the dehumanized and dehumanizing priorities of corporate capital, the Colloquium tomorrow presents both peril and promise.

The peril is that the corporate lie will be believed. We will be told that the Corporation is taking care of the problem when they are merely talking about it. Worse, we will be told there is really nothing we can do because we are not powerful enough. If that lie is believed, then the Corporation's Colloquium gamble

will have paid off, and their image-making process will be preserved.

On the other hand, there is the promise. The promise is that the truth might prevail, that the Corporate image will shatter, and that the powerful and empowering words of Neo Mnumzana and Saths Cooper and the other Southern Africans will ring true not only in their speeches, but will live in our community as well.

Join us tomorrow in working for that promise.

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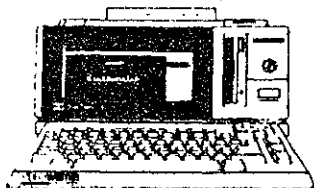


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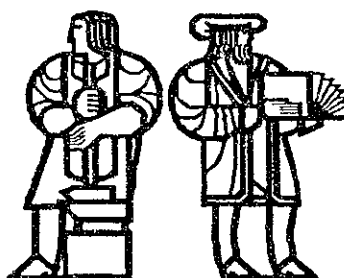
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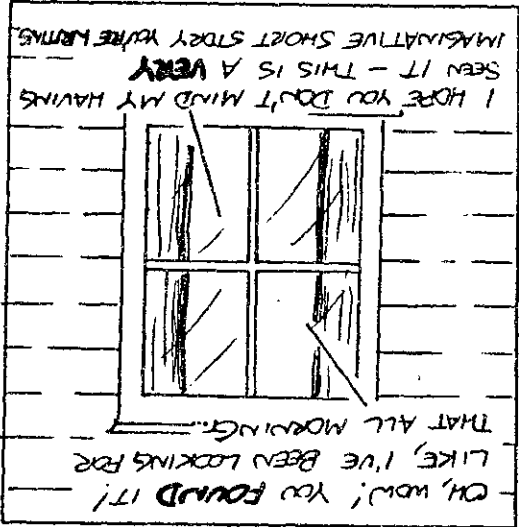
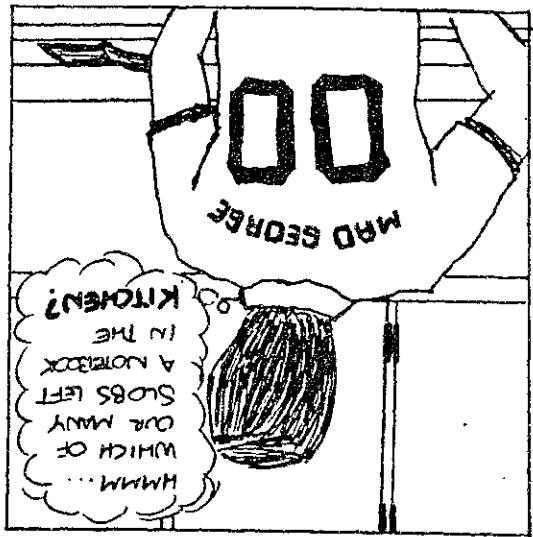
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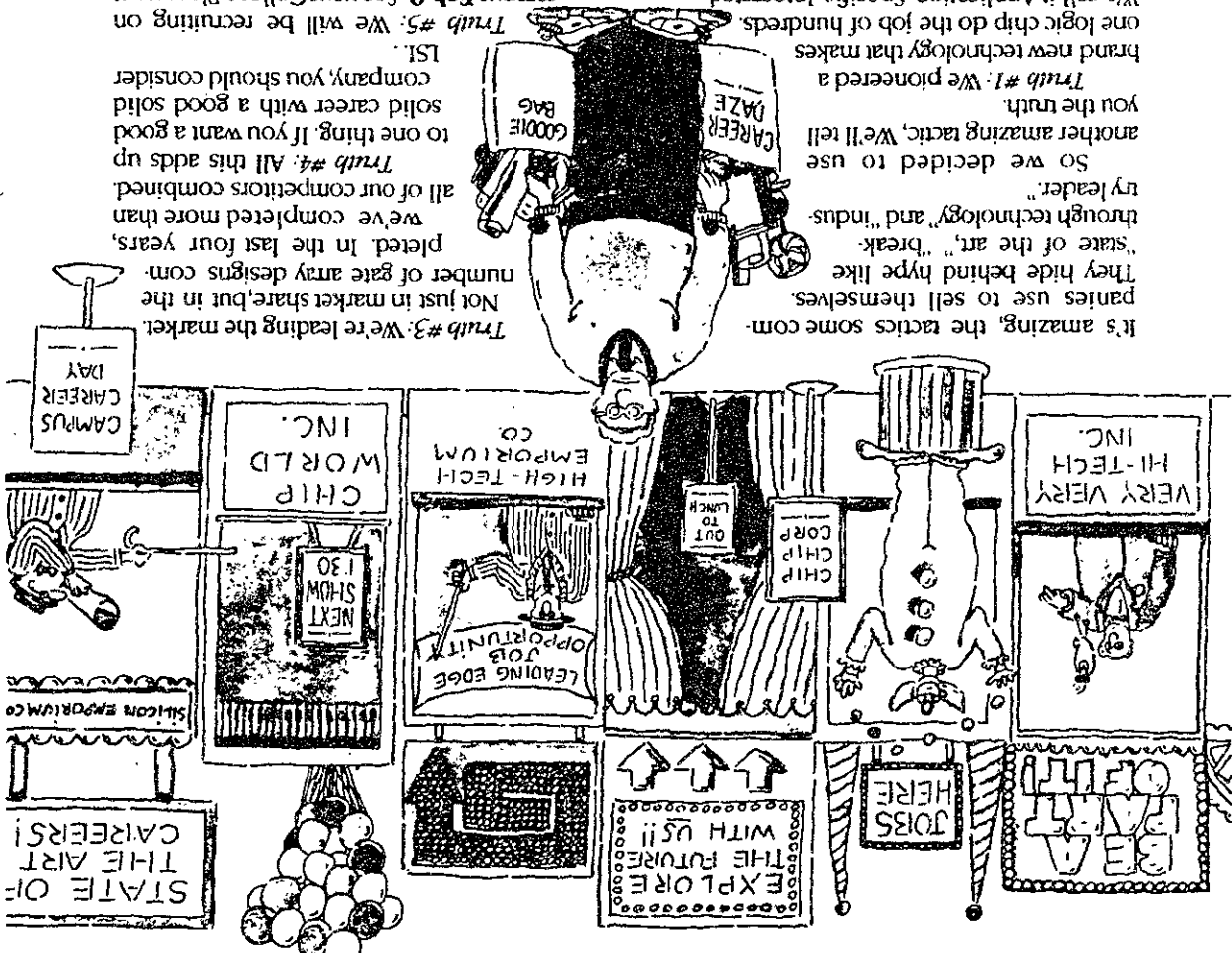
Outside Looking In



By V. Michael Bove



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Shakespeare Ensemble's "Dream" picked as one of best in N.E.

By JULIAN WEST

THE MIT SHAKESPEARE ENSEMBLE had only one full show last year, but it was a winner. The acclaimed production of "A Midsummer Night's Dream," which turned the Sala de Puerto Rico into fairyland for one week last November, was chosen as one of the best college productions in New England.

On Friday, the Ensemble will take the show to Keene, NH, to perform at the American College Theater Festival regional competition for New England. Six other schools are taking part in the contest: Trinity College of Hartford, CT; the Boston Conservatory of Music, Dance and Theater; St Michael's College of Winooski, VT; Keene State College; the University of Maine at Orono; and Providence College.

The seven schools were selected by sifting through 53 shows, which were evaluated by a team of theater educators and professionals. The winners of the regional competitions will be invited to the national final held in April at the Kennedy Center in Washington, DC.

In addition, Ensemble member Carl Kraenzel '87 will take part in the Irene Ryan scholarship competition as part of the Keene festival. Andrea McGimsey '87 was also invited to take part in this competition but decided that she did not have enough time to devote to rehearsals.

Although the Ensemble has taken the present "Dream" on the road once before, to play for a group of Alumni in New



A scene from the MIT Shakespeare Ensemble's production of "A Midsummer Night's Dream."

York over IAP, that performance was not done with full costumes and staging. By contrast, the performance in Keene will be adapted to the demands of a 650 seat auditorium, surrendering some of the intimacy gained in the Sala performances.

On Sunday it was time for a last run-

through before the competition. A bare room on the fourth floor of the Student Center was in contrast to the temporary fairyland once constructed in the Sala. A border of masking tape and string on the floor marked the beginning and end of the Athenian forest.

Yet the show was the same. The lovers were wearing jeans and sweatpants, the mechanicals performed without lion's head or wall, and Oberon was in an MIT shirt. But the story played itself out as usual.

Well... not quite as usual. This is a special adaptation of "Dream," in which director Derek Campbell has made the most of the dream motif by transposing the waking sequences of Bottom and the lovers to the beginning of the play. The result is that the whole production is not our dream but theirs. Puck's role is played down, and the mechanicals are played up by making them disguised fairies, donning rustic homespun and mannerisms for their own amusement, and ours.

While aware of the need to prepare for competition, the actors on Sunday were more anxious to have fun. The roles were sometimes played as broadly as possible. Helena, for instance, swung between preparing to rape Demetrius and submitting to his brutalisation with masochistic delight. Instead of props, actors grabbed whatever happened to be lying around — a coke can, for instance, or a banana standing in for a sword.

Campbell was left to take notes as best he could, sorting the directorial problems from the high-spirited tomfoolery. But it was clear that none of the refined excellence of the production had been lost.

As Campbell judged after the rehearsal, "if the audience enjoys themselves half as much as you [actors] did this afternoon, we have an absolute winner."



Snug (Pat Gabridge '88), Starveling (Joseph Vanderway '89), and Snout (Anne LaFiamme '88) from last November's outstanding production of "A Midsummer Night's Dream" by the MIT Shakespeare Ensemble.

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ARTS

MTG production is poor choice and fails to showcase talent

JOSEPH AND THE AMAZING TECHNICOLOR DREAMCOAT

Presented by the MIT Musical Theater Guild

At the Sala de Puerto Rico, Jan. 29 to Feb. 1.

By JULIAN WEST

"JOSEPH." IF YOU DO NOT KNOW by now, is a biblical story about a young Hebrew man who is too perfect for his own good. He also has a sort of mutant power to interpret prophetic dreams. This generates extreme sibling rivalry and his brothers sell him into slavery in Egypt.

When in Memphis, learn to walk like an Egyptian, figures Jo, and his is soon a rising star. One day he sorts out the Pharaoh's troubling dreams, to everyone's relief, and a miniature Camp David ensues. Finally he is elevated to a position where he can deal with his brothers in a New Testament sort of way, proving he really is ahead of his time.

If you want any more detail than that, look up Genesis 39. The important thing is that much singing is generated by the whole process.

Although it is difficult to fault the Musical Theater Guild's execution of the task at hand, I wonder why exactly they chose to do this show, in this particular way. I love "Joseph" and it has some wonderful moments. But there are two problems which are hard to make vanish. One relates to the cast, the other to the material.

The first difficulty is that the musical simply does not showcase all of the talent which MTG traditionally has at its disposal. There is no dancing to speak of and very few roles for women.

As one might expect from an Old Testament story, there are almost no women involved in the whole production. I fully expected to see half a dozen female brothers, and why not? But the few women in the show were by and large relegated to a row of legs at the back of the stage, stepping forward to deliver brief solos.

The only female principal was the narrator, Pam Denning, who sang clearly and with a lot of spunk. Her costuming, with a yarmulke tilted to one side as a fashion accessory, reflected her character and immediately gave the show a contemporary look.

The second difficulty is that some of the music just does not belong. "Joseph" was originally a short piece to be performed by schoolchildren. I firmly believe that it once had a pleasing cohesiveness, but the addition of later material destroyed that. So we are treated to the cast singing like cowboys, singing like Jamaicans, singing like Frenchmen. (If you want to imagine how

awful this is, try singing the word "Joseph" with an artificial French accent.) The musical is too short without these numbers but with them it seems too long by half.

Those songs also must be hammed up. The spectacle of second millennium Hebrew farmers singing calypso is just so campy that it turns the whole production into a camp extravaganza. Realizing this, MTG rightly went for sight gags and silliness all the way.

Judged by these standards, the show does rather well. It was certainly better, for instance, than the production which has been touring Britain since the 1970s. That is billed as "a show the whole family can enjoy." In other words: if you have kids, bring them along; otherwise, stay home.

There was no reason to stay home from this "Joseph." There were plenty of laughs, and most of the singing was good. Several principals had real problems on opening night, but the chorus and orchestra carried the day. In light of this, we will overlook some of the timing difficulties, especially as the choreography was set at the last minute.

Rix Marino sang the role of Jacob — wrongly — as an old and frail man. But he was better as Potiphar, neatly done up as a toff in a straw boater. His wife (Linda Dulaney) was a corn-rowed flapper who stepped out of the chorus, did her stuff, and retreated with wig and costume in complete disarray. If anyone noticed, she also had an excellent voice.

Pharaoh (Saul Resnikoff '88) was very indistinct, and I have seen many better Elvis Presley impersonators. But his was an entertaining song. I do not contradict myself: I think it is fine to have characters who wander along from different eras, but I do not like songs tossed in to lampoon various genres. Only the latter should be cut.

The other thing I would cut is the annoying prologue — however fetchingly sung — which makes the point that we are all dreamers, and that this might explain the universal appeal of the story. True, we all have dreams, but not like these. Joseph made his way in life through two things: innate political tact, and that mutant dream power.

Stephen Gilman was not as strong-voiced as a Joseph should be. His "Close Every Door" was sung with the pain of a convict rather than the strength of a believer and would not have made a suitable finale for the first act. Fortunately, narrator Denning was there to step in once again, with the upbeat "Go, go, go Joseph." The second act wrapped up just as well with the appealing "Any Dream will Do."

Carl Kraenzel '87 invited to Irene Ryan scholarship competition

By JULIAN WEST

SHAKESPEARE ENSEMBLE MEMBER Carl Kraenzel '87 will take part in the Irene Ryan scholarship competition as part of the Keene Regional Festival. On Sunday he played Oberon as the sensual, controlled presence watching over fairyland in the Ensemble's production "A Midsummer Night's Dream."

The "Dream" fairies were making careful, sudden motions of fingers, limbs, eyes and heads. Kraenzel's motions were precise and deft, and from his position perched at upstage center he seemed to control the action of the play.

Kraenzel took a break from playing puppet master, and I caught him in the hall outside the production room. I told him I would be seeing the Ryan competition, travelling up on Thursday morning.

"I hope I'm still there on Thursday morning," he replied, explaining that the Ryan competition begins on Wednesday. "That would mean I'm in the finals." Seventy actors were invited to take part in the competition, from which 12 will be chosen as finalists.

Kraenzel will be given a six minute audition to impress the competition judges. The time must be divided between a monologue and a scene with another actor, he explained. For his monologue, Kraenzel has selected a speech by Dopey from "Balm in Gilead" by Lamford Wilson, which he describes as "a very depressing comedy, well pseudo-comedy."

Kraenzel will also perform a scene from "The Elephant Man," together with Anne LaFlamme '88. He plays the title character, a Victorian called John Merrick who was born with serious physical deformities and became popular in London society where he was regarded as a freak.

Merrick is conventionally portrayed on stage, Kraenzel explained, with "some

kind of physicalization . . . to represent the deformity." He demonstrated, thrusting out his chest, dropping one side and pulling back his twisted hands in a frozen posture which almost parodies Oberon's fluid, stop-motion sequence of poses.

The abstraction of stance and voice provides for the audience "a window to Merrick's soul," he said. "They can look at my face and see what I'm thinking."

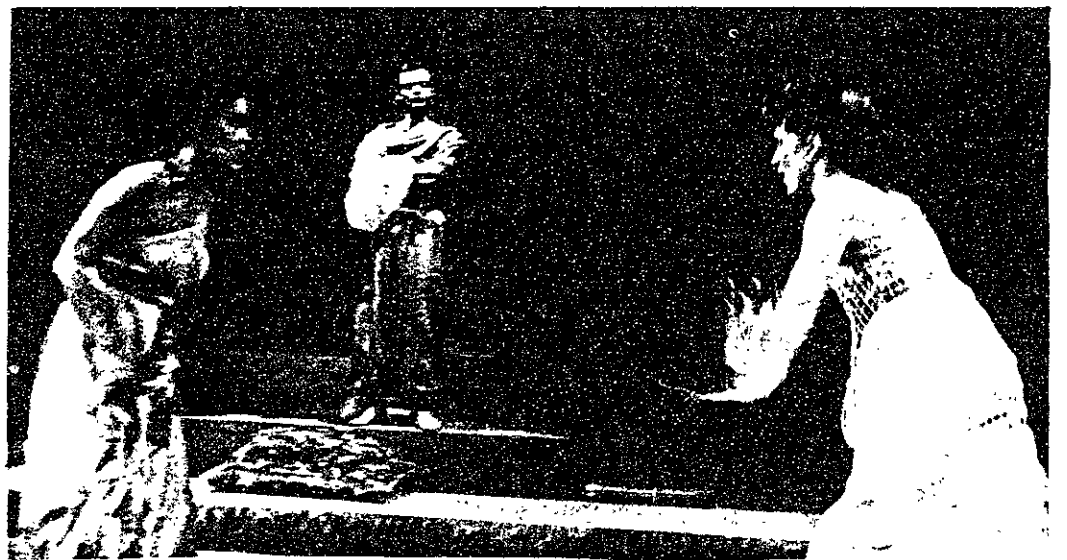
"It's kind of an artistic choice, representational art instead of realistic art."

Although he will not be obviously deformed, "the other actors react as if they see the deformity." La Flamme will provide the reactions as Mrs. Kendal, a famous actress who becomes Merrick's only true friend. During the scene, she claims to be showing her true self, although she really is acting to control her revulsion. She realizes that she is maintaining a facade, and so is able to see through Merrick's facade to his true self.

Kraenzel decided that he wanted to do this scene to provide a contrast to the humorous Dopey scene. Dopey is a character whom Kraenzel describes as "on the slightly dim side." He elaborated, "The monologue is on cockroaches and how they are going to take over the world — and this is very important to him." Although it is not entirely offbeat, he thinks it will provide a "contrast to the heavy, depressing and somewhat distressing" "Elephant Man" scene.

Kraenzel also spoke of the upcoming Ensemble production of "King Lear" which will be performed this month in Ashdown after being in the works most of last year. By contrast to the polished and delicate "Dream," it will be done in an experimental style, he said, and will "not be presented as a full, technically supported product."

"The idea is to come and see what we've done," he declared.



Carl Kraenzel '87 (center) as Oberon in "A Midsummer Night's Dream."

On the Town

Ongoing

"Mensch Meier," by Franz Xaver Kroetz, is a play which dramatizes the explosive disintegration and renewal of a family in the face of economic strife. Presented by Theaterworks at the Suffolk University Theater, 55 Temple Street, Beacon Hill, Wed-Sat nights until Feb. 14. Tickets: \$8 on Thursdays, \$10 on Fridays, and \$12 on Saturdays. Telephone: 720-1988.

"End of the World with Symposium to Follow," by Arthur Kopit, is a darkly funny play about how our nuclear strategy can thrill us to death — a comedy of annihilation where show business contemplates the Big Sleep. At the American Repertory Theater, 64 Brattle Street, Cambridge, until March 15. Tickets: \$12-\$15. Call 547-8300 for times of performances and reservations.

"Curse of the Starving Class," by Sam Shepard, is a contemporary drama chronicling the life and death of an American family. At the New Ehrlich Theater, 539 Tremont Street, Boston, until Feb. 7. Call 482-6316 for times of performances, ticket prices, and reservations.

"Miss Julie," by August Strindberg, is a classic psychological study of the conflicts that are inherent between the sexes. Presented Thur-Sun at 8 pm by the Stage Company of Boston at the Paramount Penthouse Theater, 58 Berkeley Street, South End, until Feb. 8. Tickets: \$10. Telephone: 387-4474.

"Sophie Makes Good," by Rae Edelson, is a play about a young "grande dame" of the old world and a thoroughly modern girl, finding themselves under the same roof amidst an entourage of admiring young men. At 8 pm at the New Ehrlich Theater, 539 Tremont St., through Feb. 3. Telephone: 482-6316.

An exhibit of delightful and amusing portraits of the British by Neal Slavin, entitled **"Britons,"** is presented at the Clarence Kennedy Gallery. A collaboration of the Polaroid Corporation, the *London Times*, and the National Museum of Photography, Film, and Television of England. Through Feb. 21 at 770 Main Street, Cambridge. No admission charge. Telephone: 577-5177.

The **Magna Carta** is on display at the Boston Public Library until February 10 and can be viewed in the Abbey Room of the downtown Boston branch during normal Library hours. Special presentations accompany the exhibition of the Magna

Carta including a ten-minute film adjacent to the document entitled "Liberty: Legacy of the Magna Carta" and also, in the Puvie de Chavannes Gallery, other documents showing the effects of the Magna Carta.

The Bauhaus exhibition, a collection of buildings, paintings, tables, teapots, weavings, sculptures, metal work, graphics, and advertisements envisioned and created by a small group of students in the famous workshop/school in pre-Hitler Germany, continues at MIT Museum until Feb. 28. No admission charge. Telephone: 253-4444.

Power & Gold: Jewelry from Indonesia, Malaysia, and the Philippines, an exhibition of jewelry from Southeast Asia presented in the context of village cultures where ritual jewelry embodied a deeper cultural significance, continues at the Museum of Fine Arts until March 22.

70s into 80s: Printmaking Now, an exhibit emphasizing certain dominant themes of the last decade of printmaking, continues at the Museum of Fine Arts until Feb. 8.

Krzysztof Wodiczko: Counter-Monuments, a presentation of large photographic documentation of projected slides on buildings, continues at the Hayden Gallery at the List Visual Arts Center, 20 Ames St., until April 12. Telephone: 253-4400.

Out of Eastern Europe: Private Photography, a selection of "semi-official" contemporary photography by independent artists from East Germany, Czechoslovakia, Hungary, and Poland, continues at the Reference Gallery at the List Visual Arts Center, 20 Ames Street, until April 12. Telephone: 253-4680.

Tony Smith: The Shape of Space, an exhibition celebrating the monumental painted steel sculpture "For Marjorie," continues at the Bakalar Sculpture Gallery at the List Visual Arts Center, 20 Ames Street, until April 5. Telephone: 253-4400.

Images for Survival, a poster exhibition commemorating the 40th anniversary of the dropping of the atomic bomb on Hiroshima, continues at Compton Gallery until March 20. No admission charge. Telephone: 253-4444.

An exhibit of **Light Sculptures** by Bill Parker, MIT '74 continues at the MIT Museum Building, 265 Mass. Ave. No admission charge.

The **"Installation Project at Mobius,"** with works by Polish emigre Ewa Kuryluk and Bart Uchida of Boston, continues through Feb. 21. The Mobius gallery at 354 Congress St., Boston, is open Wed-Sat, 12-5 pm or by appointment. Telephone: 542-7416.

(Please turn to page 17)

TERADYNE

INFORMATION MEETING

A Very Large Scale Invitation *from a Technology Leader, to meet with some* **Very Interesting People**

Today, they are some of the talented professionals who put Teradyne at the top of the Very Large Scale Integration (VLSI) test market. Not too long ago, they were MIT students. And on Tuesday, February 10th, they're "coming home" to share their experience and expertise with you.

Date: Tuesday, February 10th

Time: 7:00 p.m. to 9:00 p.m.

Place: Room 4-153

Refreshments will be served.

Teradyne is the world's largest independent producer of Automatic Test Equipment (ATE) for the electronics industry. The company's products also include computer-operated laser trim systems, test services and software, telecommunications test systems and backplane connection systems. Teradyne offers fast paced careers in hardware and software design, applications and customer support, mechanical design and sales.

So be there, February 10th, and keep your calendar clear Monday, February 23rd, too. That's when Teradyne will be holding on-campus interviews. Details to follow.

SHARE IN OUR SUCCESS

TERADYNE

ARTS

(Continued from page 15)

Tuesday, Feb. 3

Human League performs at the Metro at 15 Lansdowne St., Boston, just across the street from the entrance to the bleachers at Fenway Park. Doors open at 8 pm. Tickets: \$11.50, available at the Orpheum, through Ticketmaster, MVP Sport Stores, Out of Town at Harvard Sq., and at the Metro the night of the show. Telephone: 262-2424.

The Boston Symphony Orchestra with Michael Tilson Thomas present works by Mozart, Berg, and Strauss at Symphony Hall at 8 pm. Tickets: \$14.50-\$38. Telephone: 266-1492.

The New England Conservatory Piano Department presents a Beethoven Sonata Festival at 8 pm at Williams Hall. No admission charge. Telephone: 262-1120.

The "Mad Love" film series continues at the Brattle with "Gun Crazy" (Joseph H. Lewis, 1949) at 4:00 & 7:30, and "You Only Live Once" (Fritz Lang, 1937) at 5:45 & 9:15. At 40 Brattle St. in Harvard Square. Tickets: \$4.75 for double feature. Telephone: 876-6837.

The Somerville Theater at Davis Square plays a double feature of "Atomic Café" at 8:00 and "Desert Bloom" at 6:00 &

On the Town

9:45. At 55 Davis Square at the Davis Square red line T-stop. Telephone: 625-1081.

Wednesday, Feb. 4

The B.U. School of Music presents a faculty recital by Hung Kuan Chen, piano at 8 pm at the Concert Hall. No admission charge. Telephone: 353-3345.

Tommy Flanagan, piano, and George Mraz, bass, give a jazz concert at 8 pm at Wellesley College Jewett Auditorium. No admission charge. Telephone: 235-0320, ext. 2028.

"Candida," by George Bernard Shaw, is a comedy about a very wise and desirable woman surrounded by her husband and a very brash young man infatuated with her. Opens today at the Lyric Stage, 54 Charles St., Boston, and continues through March 8. Call 742-8703 for performance times, ticket prices, and reservations.

The Museum of Fine Arts begins its lecture series "In Celebration: Four Great Painters," on the works of Fitz Hugh Lane, Winslow Homer, Picasso, and Rembrandt, today at 8 pm at Remis Auditorium. The series continues Feb. 18, 25 and

Mar. 4 and tickets can only be bought for the series as a whole. Tickets for the lecture series: \$30 members, \$35 general admission. Telephone: 267-9300, ext. 306. Ticket availability: 267-2973.

The Brattle goes foreign with its "Mad Love" film series as it shows "Oedipus Rex" (Pier Pasolini, 1967) at 4:00 & 7:50, and "Orphée" (Jean Cocteau, 1949) at 6:00 & 9:55. At 40 Brattle St. in Harvard Square. Tickets: \$4.75 for double feature. Telephone: 876-6837.

The Somerville Theater at Davis Square shows the fall hit, "Something Wild," at 8:00 along with the very funny "Melvin and Howard" at 6:10 & 10:00. Also showing Feb. 5. At 55 Davis Square at the Davis Square red line T-stop. Telephone: 625-1081.

Thursday, Feb. 5

O Positive performs beginning at 10 pm at the Longwood Auditorium, Mass. College of Art, 364 Brookline Ave., Boston, to benefit AIDS research. Admission: \$10. Telephone: 731-2040.

Rod & Cones performs at the Spit at 13 Lansdowne St., just across the street from the entrance to the bleachers at Fenway Park. Telephone: 262-2437

The Empire Brass gives a performance at 1 pm at the B.U. School of Music Art Gallery. No admission charge. Telephone: 353-3345.

The Boston Concert Opera performs at 8 pm at Houghton Memorial Chapel at Wellesley College. The program includes the New England premiere of Dvorak's "Russalka." No admission charge. Telephone: 235-0320, ext. 2028.

The Lyricum Ensemble presents a concert of American Music at 12:05 pm at the MIT chapel, including works by Samuel Holyoke, Irving Pine, Amy Beach, and Thomas J. McGah. No admission charge. Telephone: 253-2906 or 253-ARTS.

The Boston Symphony Orchestra with Michael Tilson Thomas presents works by Berlioz, Sibelius, and Brahms-Schoenberg at 8 pm at Symphony Hall. Tickets: \$14.50-\$38. Telephone: 266-1492. Performance repeated Feb. 6 and 7.

The New England Conservatory presents "Putting It Together," a story of 14 women who succeed in "putting together" their own unique revue. At 8 pm at Brown Hall. Tickets: \$8 adults, \$5 students and senior citizens. Telephone: 262-1120. Continues through Feb. 7.

(Please turn to page 21)

ATTENTION SENIORS

THE HARVARD MANAGEMENT COMPANY

[the investment firm which manages Harvard University's endowment]

will be making a company presentation for seniors interested in the position of

ANALYST
IN THEIR
VENTURE CAPITAL
-
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in

ROOM 4-149

Monday, February 9 at 4pm

A full job description is available at the Career Services Office (in the Business and Pre-MBA job posting books). If interested, send a cover letter and a resume to: Tony Downer, The Harvard Management Company, 70 Federal Street, Boston, MA 02110.

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- Edison Engineering Program
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- Individualized Direct Placement

Opportunities exist in such fields as:

- Artificial Intelligence
- Expert Systems
- VLSI
- Robotics
- CAD/CAE/CAM
- Computer Graphics
- Plastics
- Metallurgy
- Ceramics
- Software Engineering
- Signal Processing
- Controls

For more information on these programs and the major business areas available, refer to the General Electric file located in your placement office.

When and
Where?

Tuesday, February 10th and Wednesday, February 11th at the MIT Student Center.

What else?

Sign-ups will commence Tuesday, January 27th.

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- You should have a strong understanding of systems, applications or languages software in a microcomputer environment; B.S. degree in computer science or related discipline. Project management experience preferred.

PRODUCT MANAGERS

- define business, product and marketing strategies
- direct all marketing communications, analysis, and training
- provide general business management---forecasting, manufacturing, and profitability review
- You should have a strong understanding of systems, applications or languages software in a microcomputer environment and experience in line marketing or pre-sales role directly related to microcomputer software product marketing. MBA with B.S. in computer science preferred.

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Perkins approves new housing tenure policy

(Continued from page 1)

chance of getting housing, Wereley added.

First-year graduate students need Institute housing, Wereley continued. Around 40 percent of the graduate students are from foreign countries and many of them have problems with language and customs. New students that are refused Institute housing are crowded into converted lounges while they attempt to find housing, he noted.

The housing problem has been increasingly mentioned by accepted graduate applicants who declined to attend MIT. Around 14 percent of accepted applicants who turned down MIT's offer of admission in 1986 said the housing situation was a negative factor in their decision, according to a GSC letter to Perkins. In 1978, none of the accepted students said they turned down MIT because of a lack of housing, the letter noted.

One of ten MIT graduate students would have been dissuaded from coming had they known about the housing situation, according to the Graduate Student Survey Report of 1986. Giving housing to students who are new to the Boston area would be of

"tremendous benefit," Wereley said.

The policy was designed to maximize revenues and to provide more first year graduate student housing. Because students can lease the rooms only on a full-year basis, more rooms will be occupied during the summer months, thereby increasing rent revenues.

The GSC spent the past year designing the policy, Wereley explained. "It's a great example of students, administrators, and faculty working together to achieve a common goal," Wereley said.

Tang opposes plan

Douglas Kirkpatrick G, president of the Tang Hall Executive Committee, said his committee opposed the plan. The Tang committee objected to the idea of creating tenured and untenured "classes" of residents.

Because the untenured students know that their leases are one-year long, they will be less likely to make any investments into the apartments and halls, such as furniture and dishes, Kirkpatrick explained. They will also be less likely to try to get along with their neighbors and participate in social activities, he added.

If MIT decides to reverse this plan in the future, it may be difficult to restore the original atmosphere of the houses, Kirkpatrick said. The Tang committee proposed an alternative plan designed to avoid these potential problems, but MIT decided to adopt the GSC proposal.

Kirkpatrick was also upset that his committee was never consulted before the plan was approved. "Many of the housing residents have no clue that this is going on," he commented.

Dickson discusses new dorm location

In addition to the new housing assignment policy, the administration hopes to develop enough graduate housing for 50 percent of the graduate population, according to Senior Vice President William R. Dickson '56.

The Institute will probably convert an existing building to a new graduate dormitory, which

will provide between 150 and 225 rooms, Dickson said. MIT cannot begin converting the building until the present occupants move out.

The new facility may house graduate students as early as September 1989, but will more likely open in 1990. The housing will probably consist of apartments rather than dormitory rooms. The site is close enough to be considered on-campus, Dickson said.

Food managers satisfied with their performance

(Continued from page 1)

ovations of the entire Student Center, and later Walker Memorial, are completed. The addition of a bakery area to the dining halls, the changes of serving setups to reduce crowds, and the installation of convenience stores across campus are all waiting on the renovations.

ARA considered but decided against giving each dormitory a "specialty theme," Ledwick said. Under this plan, MacGregor House would have become

"Home of the Hot Sandwich" and Baker House would have adopted "The Baker Bar."

Financial figures for the first six months will not be available for at least a month, but ARA has probably kept any deficit "within manageable limits for the Institute," Ledwick said.

"It's been a tough six months with all the changes we've been going through," Brammer continued. "But progress is still there."



Caution. . . Hackers warn motorists to avoid nerds at the 77 Mass. Ave. crosswalk. David M. Watson/The Tech

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What state or part of the country do you want to represent?

As part of the Student Life at MIT (S.L.a.M. '87) celebration, we will have a Culture and Food Fair on Feb. 11. In order to make the event unique, we want to include the specialties of the United States as well as those of other countries. If you would like to participate or for more information, (feel free to) call Laura Finkelstein (225-9682) or I-Ching Wu (225-7480).

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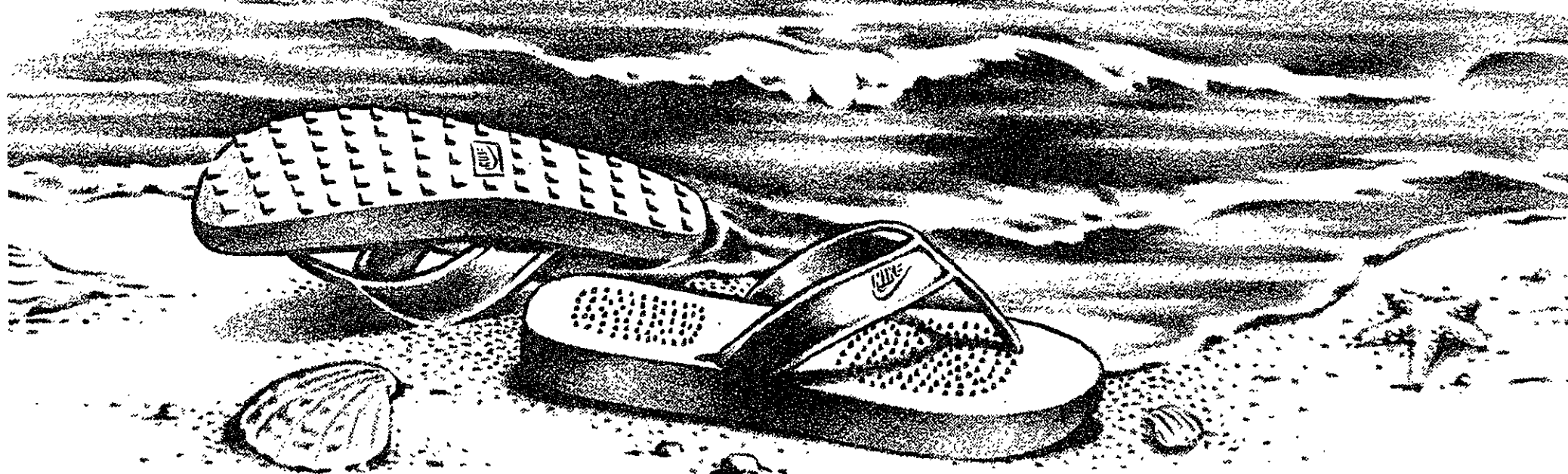
All this and more is waiting for you at the Student-Faculty Talent Show.

Open to entire MIT community-students, administration, staff and faculty.

- Big prizes
- Celebrity Judges
- 9pm, Thursday, Feb. 12 in Student Center
- For more info, call Vijay (5-7346) or Tom (267-5451)

S.L.A.M. '87
Student Life at M.I.T.

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Ski Market • Snyder's

SOMERVILLE
MVP Sports

CAMBRIDGE
Harvard Coop • James F. Brine
Marathon Sports

ARTS

Thursday, Feb. 5

(Continued from page 17)

The Boston Conservatory Dance Theater presents "Styles in Theater Dance," an evening of original choreographies. At 8 pm at 31 Hemenway Street. Tickets: \$7 (students and senior citizens, \$4). Telephone: 536-6340. Continues through Feb. 7.

MIT Dramashop presents the American premiere of "Northern Star," by Stewart Parker. At 8 pm at Kresge Little Theater. Tickets: \$5 (students/seniors, \$4). Information: 253-2877. Reservations: 253-4720. Also Feb. 6-8, 12-14.

The Boston Arts Group presents "Harlem Renaissance," which, through music, poetry, and drama, shows a vision of the artistic and social explosion during the 1920's in Black consciousness and expression. At 8 pm at the Cambridge Multi-Cultural Arts Center, 41 Second St., Cambridge. Tickets: \$8 (students/seniors, \$6). Telephone: 577-1400. Continues through Feb. 7.

The Museum of Fine Arts continues its series on Italian comedy with "Pane, amore e fantasia" ("Bread, Love, and Dreams," Luigi Lollobrigida, 1953) at 5:30 pm and "Poveri ma belli" ("Poor but Beautiful," Dino Risi, 1956) at 8 pm. Tickets: \$3 members, \$3.50 general admission. Telephone: 267-9300, ext. 306. Ticket availability: 267-2973.

More mad films about mad love at the Brattle with "Honeymoon Killers" (Leonard Kastle, 1976) at 4:15 & 7:45 and Luis Bunuel's surrealist "L'Age d'Or" (1930) at 6:20 & 9:55. At 40 Brattle St. in Harvard Square. Tickets: \$4.75 for double feature. Telephone: 876-6837.

Friday, Feb. 6

The Zulus, Dr. Black's Combo, and Nova Mob perform at T.T. the Bears at 10 Brookline St., Cambridge. Telephone: 492-0082.

The Rat presents a Kings Among Men Night with Valdez the Sinner, Rumble semi-finalists the Condo Pygmies, and Boogaloo Swamis. At 528 Comm. Ave. in Kenmore Square. Telephone: 536-9438.

Skin, favorites last fall at the SCC Thursday night pub, appear tonight at the Conservatory at the Marriott Copley Place. Admission: \$3 before 10:00 pm, \$6 after 10:00 pm. Telephone: 236-5800.

The Nervous Eaters, The Bags, The Liams, and The Keepers perform at Jacks at 952 Mass. Ave., Cambridge. Telephone: 491-7800.

The Drive, Extreme, The Wrecking Crew, and the Mitch Chakour Mission Band perform at the Channel at 25 Necco St., Boston. Telephone: 451-1905.

Richard Stoltzman on clarinet and Gary Burton on vibraphone perform a Benefit Concert for the Boston Composers Orchestra at 8 pm at Symphony Hall. The program includes world premieres of works by William Thomas McKinley, Karl Lundeberg, and Peter Kelly. Tickets: \$12.50-\$30. Telephone: 524-4383.

The Fromm Music Foundation at Harvard presents a concert by the Da Capo Chamber Players at 8 pm at Sanders Theater, Cambridge. No admission charge. Telephone: 495-2791.

Boston University Symphony Orchestra presents works by Mozart and Beethoven at 8 pm at the B.U. School of Music Concert Hall. No admission charge. Telephone: 353-3345. Also Feb. 8.

On the Town

Banchetto Musicale, Boston's baroque orchestra and chorus, performs Bach's "Mass in B Minor" at 8 pm at Jordan Hall at the New England Conservatory. Tickets: \$16, \$13, \$9. Information: 965-0165. Reservations: 876-7777.

The New England Conservatory presents a faculty recital by Bernard Brauchli on clavichord at 8:30 pm at Williams Hall. No admission charge. Telephone: 353-3345.

The Wheelock Family Theater presents "The Dark at the Top of the Stairs," by William Inge, a family drama about differences and learning how to understand and tolerate them. At 7:30 pm at 200 The Riverway, Boston. Tickets: \$6. Telephone: 734-5203. Also Feb. 7-8, 13-15, 20-22.

The American Repertory Theater presents the premiere of Ronald Ribman's "Sweetable at the Richelieu," a play set in a gracious and elegant European spa which features a cast of bizarre, touching, and mysterious characters. At 8 pm at the Loeb Drama Center, 64 Brattle St., Cambridge. Tickets: \$12-\$25. Telephone: 547-8300. Continues through Mar. 15.

Dance Umbrella presents Betty Fain and Dancers at 8 pm at The Strand, 543 Columbia Road, Dorchester. Tickets: \$10 (members \$8.50). Telephone: 282-8000. Also Feb. 7.

The Museum of Fine Arts presents "Pecato che sia una canaglia" ("Too Bad She's Bad," Alessandro Blasetti, 1955) at 5:30 pm and "La spiaggia" (Alberto Lattuada, 1954) at 8 pm as part of its film series on Italian comedy. Tickets: \$3 members, \$3.50 general admission. Telephone: 267-9300, ext. 306. Ticket availability: 267-2973.

The French Library begins its film series, Valentines on Screen, with François Truffaut's "La Femme d'à côté" (1981) starring Gérard Depardieu and Fanny Ardant. At 8 pm at 53 Marlborough St., on the corner of Berkeley. Tickets: members \$2.50, non-members \$3.50. Telephone: 266-4351. Also Feb. 7, 8.

The Harvard Film Archive begins its spring semester season with a retrospective entitled A Salute to the Soviet Republics featuring ten films from eight Soviet republics in original national languages (35 mm, English subtitles). Today, "Tango of Our Childhood" (Albert Mkrchian, 1985) at 7 pm and "Come and See" (Elem Klimov, 1985) at 9 pm. At the Carpenter Center for the Visual Arts, Harvard University. Tickets: \$3. Telephone: 495-4700.

A Fassbinder double treat at the Brattle with "The Bitter Tears of Petra von Kant" (1972) at 5:15 & 10:00 and "Fox and his Friends" (1975) at 3:00 & 7:45. Also Feb. 7. At 40 Brattle St. in Harvard Square. Tickets: \$4.75 for double feature. Telephone: 876-6837.

The Somerville Theater at Davis Square presents the New England premiere of "What Happened to Kerouac?" at 6:00, 8:00, and 10:00. Continues through Feb. 12. Saturday and Sunday matinees at 2:00 and 4:00. At 55 Davis Square at the Davis Square red line T-stop. Telephone: 625-1081.

Saturday, Feb. 7

Winter Hours, Miracle Legion, and Dixie Cinema perform at T.T. the Bears at 10 Brookline St., Cambridge. Telephone: 492-0082.

The Rat presents Richard Lloyd with Cave Dogs, Dineros, and Anti-Zeros. At 528 Comm. Ave. in Kenmore Square. Telephone: 536-9438.

(Please turn to page 23)

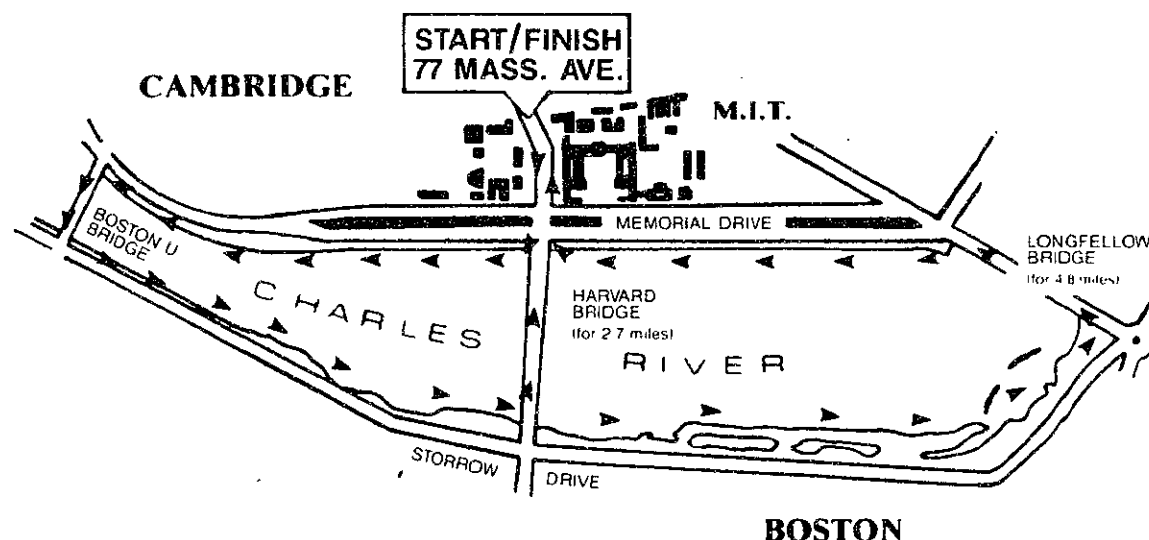
Join us for an afternoon jog

On Tuesday, February 10th and Wednesday, February 11th, representatives of General Electric will be interviewing at the Student Center on your campus. Please contact your placement office for schedule information.



If you're interested in meeting our people in a completely informal setting . . . to find out more about the General Electric Company . . . put your track shoes on and join us and pick up an MIT/GE runner's shirt in the process. If for some reason you can't make it . . . just remember your interview with General Electric on Tuesday or Wednesday.

Our Technical Recruiters would like you to join them for an afternoon jog on Monday, February 9th. We'll begin at 77 Massachusetts Avenue at 5:30 p.m., jog down Memorial Drive to the Boston U. Bridge, cross over to Storrow Drive and head down to the Longfellow Bridge, cross back over to Memorial Drive and finish up our 4.8 mile jog back at 77 Massachusetts Avenue. Some of our managers will turn back up Massachusetts Avenue at the Harvard Bridge for a 2.7 mile run.



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ARTS

Saturday, Feb. 7

(Continued from page 21)

Boston favorites **O Positive** appear at the Conservatory at the Marriott Copley Place. Admission: \$3 before 10:00 pm, \$6 after 10:00 pm. Telephone: 236-5800.

The Blackjacks with **Push Push** perform at Jacks at 952 Mass. Ave., Cambridge. Telephone: 491-7800.

The Stompers with guests **Al Halliday & the Hurricanes** and **The Catalinas** perform at the Channel at 25 Necco St., Boston. Telephone: 451-1905.

Robbie O'Connell, Mick Moloney, and Jimmie Keane, noted performers in the instrumental tradition, appear at 8 pm at Paine Hall, Harvard University. Tickets: \$7.50 in advance, \$8.50 at the door. Telephone: 491-8519.

Robert Guthrie, guitarist, gives a recital at 8 pm at the Boston Conservatory Assembly Hall. No admission charge. Telephone: 536-6340.

"Departures" and other dances by **Peggy Brightman** are presented at New England Life Hall. Also Feb. 8.

The Harvard Film Archive presents two more in its Soviet film retrospective, "The Legend of Suram Fortress" (Sergei Paradzhanov and Dodo Abashidze, 1985) at 7 pm and "Blue Mountains" (Eldar Shengelaya, 1984) at 9 pm. At the Carpenter Center for the Visual Arts, Harvard University. Tickets: \$3. Telephone: 495-4700.

Sunday, Feb. 8

Bob Winter performs an evening of jazz piano at 8 pm at the All Newton Music School, 321 Chestnut St., W. Newton. Tickets: \$10. Telephone: 527-4553.

Sheila Waxman on piano performs pieces by Bach, Stravinsky, and Bartok at 8 pm at Kresge Auditorium. No admission charge. Telephone: 253-2906 or 253-ARTS.

The Boston Symphony Chamber Players perform works by Mozart, Perle, Beethoven, and Poulenc at 3 pm at Symphony Hall. Tickets: \$13, \$10, \$7. Telephone: 266-1492.

The Boston Concert Opera presents Dvorak's "Russalka" at 3 pm at Symphony Hall. Tickets: \$35, \$25, \$12. Telephone: 482-5822. [NOTE: the Boston Concert Opera is also presenting "Russalka" at Wellesley College on Feb. 5, free of charge]

New England Conservatory presents an extension division faculty recital with **Dorothy Bates** on violin at 3 pm at Williams Hall, an artist diploma recital by **Julie Josephson** on trombone at 8 pm at Jordan Hall, and a **Vocal Performance Ensemble** presentation at 8 pm at Williams Hall. All performances have no admission charge. Telephone: 262-1120. The Vocal Performance Ensemble also appears Feb. 9.

The Harvard Film Archive continues its Soviet film series with "Trial on the Road" (Alexei German, 1985) at 5:30 pm and "Farewell" (Elem Klimov, 1982) at 8 pm. Also beginning today and continuing every Sunday is a series entitled **Film Realities** which today focuses on the US with "High School" (Frederick Wiseman, 1969) at 5:30 pm and "American Graffiti" (George Lucas, 1973) at 8 pm. At the Carpenter Center for the Visual Arts, Harvard University. Tickets: \$3. Telephone: 495-4700.

The "Mad Love" film series continues at the Brattle with the original "The Postman Always Rings Twice" (Tay Garnett, 1946, starring Lana Turner and John Garfield) at 3:00 & 7:45 and Stanley Kubrick's interpretation of Nabokov's novel about nym-

phet obsession, "Lolita" (1962), at 5:00 & 9:55. At 40 Brattle St. in Harvard Square. Tickets: \$4.75 for double feature. Telephone: 876-6837.

Monday, Feb. 9

The Boston University Percussion Ensemble performs at 8 pm at the B.U. School of Music Concert Hall. No admission charge. Telephone: 353-3345.

The Cleveland Orchestra presents a program including Mahler's "Symphony no. 6 in A minor" and the Boston premiere of Zemlinsky's "Suite from the Mermaid." At 8 pm at Symphony Hall. Tickets: \$18. Telephone: 497-1118.

The New England Conservatory presents a faculty recital with **Walter Trampler** on viola and **Irma Vallecillo** on piano at 8 pm at Jordan Hall. No admission charge. Telephone: 262-1120.

The Harvard Film Archive begins its Monday night series entitled **American Classics** with Howard Hawks' "The Big Sleep" (1946), starring Humphrey Bogart and Lauren Bacall, at 5:30 pm and 8 pm. At the Carpenter Center for the Visual Arts, Harvard University. Tickets: \$3. Telephone: 495-4700.

More films about obsessive love at the Brattle with "Magnificent Obsession" (Douglas Sirk, 1954) at 3:45 & 7:50 and "Leave Her to Heaven" (John M. Stahl, 1945) at 5:45 & 9:50. At 40 Brattle St. in Harvard Square. Tickets: \$4.75 for double feature. Telephone: 876-6837.

Tuesday, Feb. 10

The New England Conservatory presents **Tuesday Night New Music** featuring works by NEC composition students at 8 pm at Williams Hall. No admission charge. Telephone: 262-1120.

On the Town

"Nite Club Confidential," by Dennis Deal, is a fresh, funny, fast-paced musical that parodies the sophisticated night club scene. Opens today at 7:30 pm at the Next Move Theater, One Boylston Place, Boston. Continues for a four-week engagement. Tickets: \$19.50-\$26.50. Telephone: 423-5572.

An exhibit of lithographs by Josef Albers entitled "Homage to the square" is presented by Bauhaus Boston at the Carpenter Center at Harvard University. Continues through Feb. 24.

The Harvard Film Archive begins its Tuesday night series entitled **French Films** with Marcel Pagnol's "La femme du boulanger" ("The Baker's Wife," 1938) at 5:30 pm and 8 pm. At the Carpenter Center for the Visual Arts, Harvard University. Tickets: \$3. Telephone: 495-4700.

The Brattle does out a double dose with the great Jean Renoir's "La Bête Humaine" (1938) starring the magnificent French actor, Jean Gabin, at 4:00 & 7:50 and the remake by the great Fritz Lang, "Human Desire" (1954), with the pouty, sultry Gloria Grahame, at 6:00 & 9:45. At 40 Brattle St. in Harvard Square. Tickets: \$4.75 for double feature. Telephone: 876-6837.

Compiled by Peter Dunn



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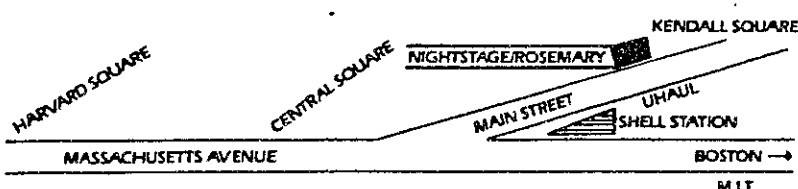
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notices

Thursday, Feb. 5

The Engineering Internship Program will hold its orientation lecture for all interested sophomores at 4 pm in 26-100. For more information call John Martuccelli, x3-8051.

Dr. Alan S. Hoffman, director of the Center for Bio-Engineering at the University of Washington, will discuss "Applications of Polymers in Diagnostics and Bio-separations" at 4:30 pm in E25-111.

Sunday, Feb. 8

Kate Ellis, member of the Feminist Anti-Censorship Task Force, will join David Scondras, Boston city counselor and gay rights activist, in speaking on "Progressive Perspectives on Sexual Politics" at 7:30 pm at 1762 Beacon St., Brookline. Sponsored by the Institute for Democratic Socialism. For more information call 426-9026.

Tuesday, Feb. 10

Barry Clifford will speak of the excavation of the pirate ship *Whydah* at 4-402, 5 pm. For more information call Harold Edgerton, x3-4629.

Mazher Hammed, executive director of the Middle East Assessments Group, will lecture on "The Mythology of Strategic Partnerships in the Gulf" at 5 pm on the seventh floor of the Cabot Intercultural Center at Tufts University. For more information call 628-7010 x2734.

Wed., Feb. 11

Julius Lester from the University of Massachusetts at Amherst will speak on "Race and Power: Are Blacks and Jews Enemies?" at Cambridge Forum, 8 pm, 3 Church St., Harvard Square. Free and open to the public.

Tuesday, Feb. 18

Assistant Professor of Management Michael Cusumano will give a lecture entitled "Small Lot Production: Key to High Productivity and High Inventory Turnover in Japanese Auto Manufacturing" as part of the "US Automotive Industry: Crises and Lessons from Japan" series from 5:30 to 7:30 pm in the Mezzanine Lounge of the Student Center. All are welcome.

Announcements

Boston University will be offering a GRE examination review during the upcoming semester. The "GRE Math and Verbal Ability Review" will meet Tuesdays, Feb. 3 to April 7, from 6-9:30. Tuition is \$375. For more information call 353-4130.

February, March, and April have been designated Harold E. Edgerton months at the New England Aquarium. MIT students with student identification will be admitted free during these months. Aquarium hours are 9 am to 5 pm Monday through Thursday, 9 am to 9 pm Friday, and 9 am to 6 pm on weekends and holidays. This special offer is made possible through the generosity of "Doc" Edgerton, who hopes to encourage interest in the world of water through the free admissions program.

The Massachusetts Association of Student Financial Aid Administrators, Inc., is offering its tenth annual toll-free student fi-

ancial aid hotline service. MASFAA's telephone hotline service will operate weeknights, 5-9 pm, until Feb. 13. Call 1-800-262-8558 to receive advice on financial aid application and eligibility requirements.

February degree candidates are reminded that prepaid postcards enclosed with February degree notice must be returned. Please indicate whether diplomas are to be mailed, called-for in person, or if attendance at commencement is planned.

Endterror, an Ottawa-based organization, is sponsoring an essay writing contest about ways of combating terrorism. The contest is open to all an a prize of \$1000 will be awarded to the winner. For more information contact Linda Hagedorn (613-237-0424). The deadline is March 31.

Ongoing

The Science and Humanities Libraries (Hayden Building Libraries) are now open from noon Sunday to 8 pm Friday — 24 hours a day — and from 8 am to 8 pm on Saturday. From midnight to 8 am access to the libraries is limited to members of the MIT community. Circulation and reference services are not available during restricted hours.

The Civil Engineering Department will offer eight UROP traineeships for the spring semester. The program is intended to encourage undergraduate research in the department, especially by freshmen. Interested undergraduates should contact the Civil Engineering Undergraduate

Center (1-143) or Professor Hemond (48-419, 3-1637) for more information.

The department of materials science and engineering and the department of humanities are requesting applications for the **Kathlyn Langford Wolfe Awards in Materials Science, Humanities and the Arts**. Two \$1000 prizes will be awarded, one to an undergraduate student, upon completion of an imaginative and significant project combining research in materials and humanities or in materials and the arts. Preliminary project proposals are due Feb. 4, 1987.

The Athletic Department has begun its **Fitness Testing Program**. The test takes approximately 40 minutes, and is available to all holders of an athletic card. Those desiring the test, and those desiring physical clearance forms should call 253-4908 between 3 pm and 6 pm Monday through Friday.

Value cards for photocopiers are being installed in the Barker Engineering, Dewey, and Hayden Libraries. The new copiers should be available Sept. 30. Magnetic-strip cards can be purchased at the Microreproduction Lab, Room 14-0551, or can be ordered by mail and picked up at the Hayden Circulation Desk.

The final report of the Institute Committee on the Humanities, Arts, and Social Sciences Requirements, the first report of the School of Science Education Committee, and the first report of the Commission on Engineer-

ing Undergraduate Education are being distributed by the Committee on the Undergraduate Program. Members of the MIT community can find copies at the following locations: the Information Office, 7-121; the Student Center Library; the Reserve Book Room, Hayden Library; Dewey Library; Barker Engineering Library; the Rotch Library of Architecture and Planning.

Do you have questions about Distribution subjects and fields,

Concentration requirements or procedures, what are HASS Elective subjects? Come to the Humanities, Arts, and Social Sciences Office, 14N-409 for help with anything to do with the HASS Requirement. We are open 9-5. Stop by or call us at x3-4441.

The Off-Campus Housing Service welcomes any member of the community who either has available housing or who is searching for housing to contact our office in Room E18-301, ext. 3-1493.

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notices

The professional tutor staff of the **MIT Writing and Communication Center** (14N-317) will be glad to consult with you on any writing or oral presentation project (papers, theses, letters, etc.) from 10-4 Monday thru Friday. You may either phone for an appointment (x3-3090) or just drop in. In addition, workshops for those for whom English is a second language are held in the Center on Thursdays from 4:15-5:15. All services are free.

The MIT Museum has many ongoing exhibits. The Museum is located at 265 Massachusetts Ave., and is open Monday through Friday, 9-5, Saturday 10-4. Admission is free.

The **Student Conservation Association (SCA)** is providing opportunities for about 150 students to obtain expense-paid volunteer positions in conservation and resource management. Volunteers this winter and spring will serve in such areas as: the Virgin Islands, San Francisco, Florida, Arizona, Idaho, and Hawaii. Telephone the SCA at (603) 826-5206/5741 or send a postcard to: Student Conservation Association, PO Box 550C, Charlestown, NH 03603.

Today, more than one million men and women are demonstrating by their personal example that alcoholism is an illness that can be arrested. These recovered

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The **National Space Club** will award a \$7,500 Dr. Robert H. Goddard Scholarship for the academic year 1987-88. The award is given to stimulate the interest of talented students in the opportunity to advance scientific knowledge through space research and exploration. For more information contact: National Space Club/Goddard Scholarship, 655 15th St. NW, Suite 300, Washington DC. 20005.

Teach an adult to read — If you have two hours a week to spare, you can help one of Boston's 100,000 illiterate adults to read. The Adult Literacy Resource Institute is offering free tutor training. No prior experience is required — just a high school diploma and a desire to help. Contact Beth Sauerhaft, Volunteer Tutor Coordinator at 232-4695 or 734-1960 ext. 112 for more details.

Do you have something to offer the Public School students of Boston? Nearly all college students do, and many are now sharing their talents as **S*T*A*R** volunteers. School volunteers also offers internships in Publicity/Marketing, Community Organizing and Recruitment. For more information, call 451-615, or visit the School Volunteers Office at 25 West St., between the Park St. and Washington stops on the MBTA.

If you suffer from headaches, digestive disorders, premenstrual syndrome, insomnia, or any other physical illness related to stress, **Beth Israel Hospital's Mind-Body Group Program** can help you relieve your symptoms. Participants learn stress reduction techniques including the relaxation response, awareness training, and exercise. Afternoon and evening groups are available. For more information, call 735-2329.

Mount Auburn Hospital in Cambridge offers **Community Health Education** programs in the fall and spring. Women's health subjects, elderly concerns, and a variety of psychological and clinical topics are featured. Workshops on childbirth, weight loss, smoking cessation, stress management, CPR, Alzheimer's disease are also presented. For more information about the program beginning in March, call the Education Department at 492-3500, extension 1508.

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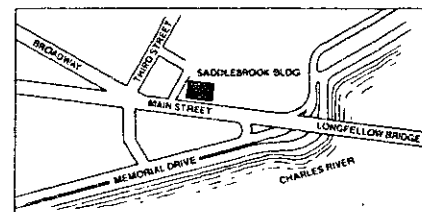


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sports



Center Bruce Mihura '88 shoots in traffic during last Saturday's game against Amherst. MIT lost 92-77.
David M. Watson/The Tech

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Gymnasts lose first meet

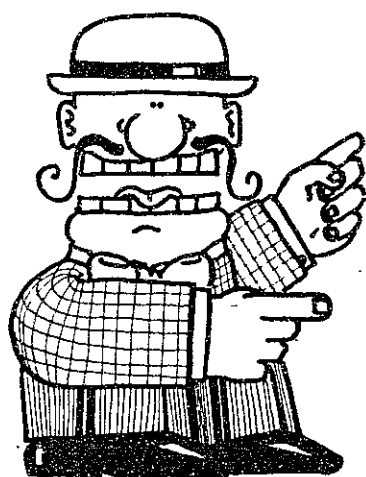
(Continued from page 28)

his dismounts on Vermont's soft mats, finished second with 45.95. Reifschneider was third with a career high 40.1, Secrest fourth with 38.4, and Acosta fifth with 37.75.

MIT coach Fran Molesso questioned the consistency of the judging after the meet. He was especially disturbed by some high scores given to Vermont routines with little difficulty. But Molesso was pleased with his team's comeback and is optimistic about their chances in their meet this Saturday at arch-rival Lowell. The team's next, and last, home meet is Saturday, February 14 at 1 pm in Dupont Gymnasium versus the University of Massachusetts at Amherst.

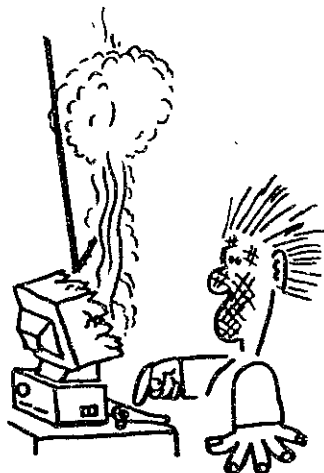
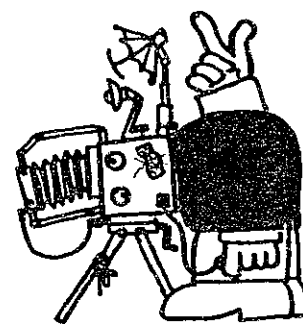
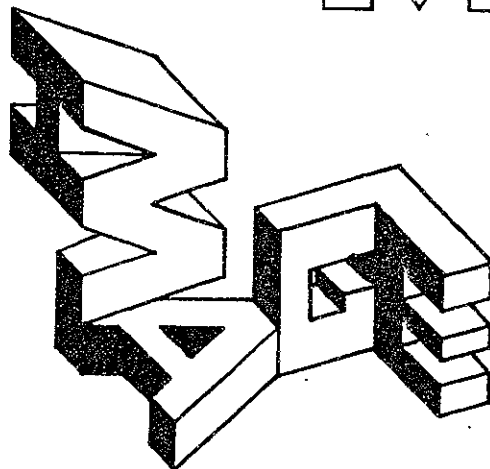
(Editor's note: Reifschneider is a member of the MIT men's gymnastics team.)

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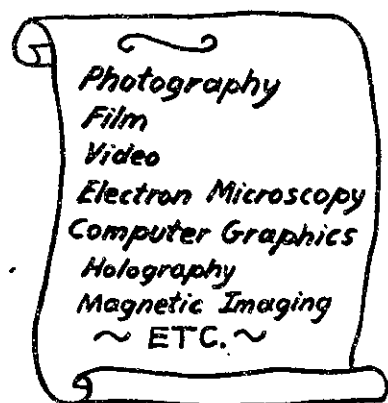
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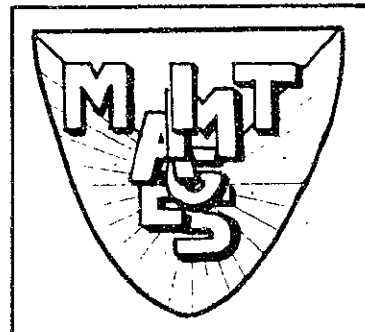
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sports

Beavers survive Worcester comeback; win 5-4

(Continued from page 28)

Gasparini '88 made an amazing sliding save on a breakaway, the MIT defense fanned on the puck in an attempt to clear it out of the crease, allowing an opponent to put it over the sprawling Gasparini.

The Beavers received a chance to demonstrate their power-play abilities a couple of minutes later as a WPI player was sent to the bench for charging. Thirty seconds into the power play, Brian Balut '87 passed to Jessiman behind the net, who brought the puck around the goal and stuffed it in.

MIT finally extended its slim lead to a more comforting margin at the 13:11 mark when Jeff Bates '90 made a beautiful rink-wide pass in the WPI zone to an open Brian Balut '87, who put the puck between the goaltender's legs.

Unfortunately for the Beavers, there would not be many scoring chances in the second period. The officials were beginning to lose control of the game as both teams played rough hockey. There was all too much elbowing,

holding, and late hits that were going unnoticed by the referees. The officials tried to reign in the rowdiness by assessing several penalties, with WPI bearing the brunt of this reprisal.

During the first half of the period, six penalties were assessed to WPI while only one was given out to the Beavers. The Beavers' usually productive power play seemed off, however, as they were repeatedly prevented from extending their lead.

Finally, at the 8:52 mark, Rick Russell G put a long low shot from the back of the left faceoff circle into the lower right of the net. Now three goals up with the game half over, it seemed that the Beavers had the game clinched.

Not so. The second half of the period proved to be MIT's chance to sit on the penalty bench. Beginning with a cross-checking call at the 11:38 mark, the Beavers were assessed four penalties within a span of two minutes, giving WPI almost a full four minutes of 5-on-3 power-play advantage. It seemed certain that WPI would come out with at least two goals from this turn of events.

Cheered on loudly by the crowd, the Beavers put on a brilliant display of defense as they kept WPI scoreless for the full four minutes. Good pressure by the lone forward and hard checking by the defense frustrated WPI. After this impressive show of defensive stalling, it seemed that the MIT win was again secure.

But MIT seemed to play better with only three skaters on the ice. With five skaters, the Beavers simply could not move the puck and hence had no opportunity to replace the tired penalty killing players who had yet to leave the ice.

This proved fatal as a WPI forward tried stuffing the puck in one side from close in. Gasparini slid to one side of the net to make the initial save, but the forward took the puck around the back of the net to slide it in from the opposite side. The fatigue of the MIT players showed as they could not check the forward off the puck or clear the puck into the corners.

The margin of the MIT lead was diminished even further when,

with only 19 seconds left in the period, a 2-on-1 WPI breakaway resulted in a goal as a pass across the mouth of the net was lifted over the sliding Gasparini.

The first eight minutes of play in the deciding period were exciting but scoreless. During the early part of the period the Beavers put on all the pressure, getting several scoring chances but unable to put the puck in the net. The tide then shifted as WPI kept the puck in the MIT zone, but also could not score.

The breakthrough finally came at the 8:39 mark as a pass from behind the MIT goal line to an open WPI forward was easily put past Gasparini — no amazing goal, the MIT defense had simply failed to cover that forward. Now tied at 4-4, and WPI having scored three unanswered goals, it did not seem anymore like an easy win for the Beavers.

The next six minutes were nail biters, as neither team could score. But the clincher, the most beautiful goal of the game, came with just less than four minutes left in the game.

The puck in the WPI zone,

Brian Luschwitz G took a low shot from the right point which the WPI goaltender stopped but allowed to rebound to his left. Brian Fabes G, alone in front of the net, then took the puck.

The obvious attempt would have been to try to slap a shot past the goaltender but it would probably have been fruitless as the near side had been smothered by the goaltender's pads. Rather, Fabes brilliantly hesitated just a second to fake the goaltender into sliding the wrong way, and then slid the puck around the goaltender into the opposite side.

The game was won. Despite pulling their goaltender in the last two minutes of play to try and again even the score, there was no way that the Beavers would be denied the victory.

The MIT men's hockey team extended its winning streak to three games as they beat the University of Hartford by a score of 6-0 Sunday in Hartford, CT. The Beavers face the University of Southern Maine in Portland, ME on Wednesday then return home on Saturday to face Clark University.

Women skaters speed past Conn. College

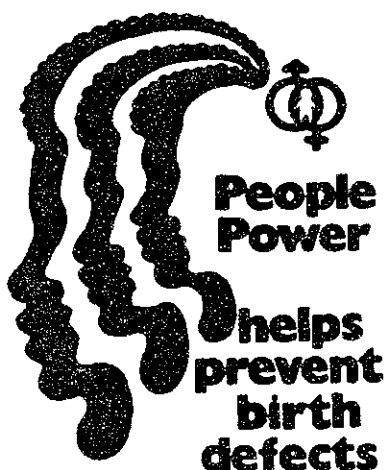
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found defensemen open at the blue line for blistering slapshots.

The second period of the game, although faster paced, saw fewer goals and fewer shots on net. Longer passes up the ice created more exciting, open ice skating. Despite the added excitement, the only goal of the period was scored when Schermer went rink long from the MIT blue line, outskated the Connecticut defenders, and slipped the puck underneath the goaltender.

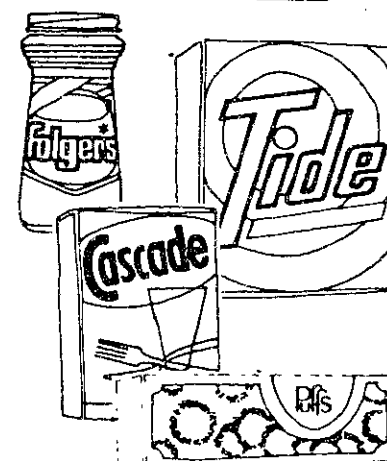
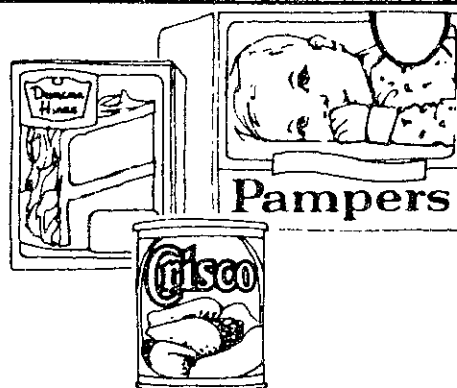
The MIT defense was outstanding in the second period, allowing no shots on goal. With good poke checking, the defense time and again stopped the Connecticut forwards at the MIT blue line. Despite this show of excellent defense, the Engineers did not dominate the period as they had the first. The visitors' defense tightened as well, and gave up fewer shots on goal. Although the puck did not find its way to the MIT goal, it did spend a substantial part of the period in the MIT zone.

The final period of the game was uneventful as Connecticut College, down 4-0, saw little chance of winning the game. The MIT defense lost a bit of its concentration. Connecticut took more shots on goal than in the first two periods combined. Despite the increased pressure, the Engineers still allowed no goals while Bonugli and Tanya Jegeris '89 put the puck into the net.



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sports

Women's hockey wins, 6-0

By Peter Dunn

A small crowd of diehards watched last Thursday as the women's hockey team shut out Connecticut College at the New Athletic Center by a score of 6-0.

The crowd's display of support spurred on the Engineers as they intimidated their opponent. The

visitors found themselves pinned into their own end in the opening minutes; the Engineers gained control of the puck any time they emerged into the neutral zone.

MIT took a 2-0 lead in these first few minutes. At the 3:44 mark Lisa Jablonski '89 took a long shot from the right face off

circle. It beat the goaltender, passing through a crowd in front of the net.

The second goal, at the 5:09 mark, came after the Connecticut goaltender repulsed several chances from close in. Then Michelle Bonugli '88 took the puck around the back of the net to stuff it in from the opposite side.

The final goal of the period came as the goaltender had trouble handling a shot from Elizabeth Schermer G. and Suzanne Joris capitalized, stuffing the rebound through the goaltender's legs.

The first period saw little checking but good passing to the slot from the MIT wingers. At the opposite end of the rink, the Engineers displayed good coverage of Connecticut players in the slot, allowing few shots on goal.

MIT moved the puck around well on offense, as several good passes from Jennifer Smith '87

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Kyle G. Peltonen/The Tech

Jeff Bates '90 crashes into the glass in Saturday's game vs. WPI. MIT won 5-4, bringing its record to 8-3-1.

Gymnasts lose despite strong performances

By Eric M. Reifschneider

The MIT men's gymnastics team suffered its first defeat of the season Saturday in a narrow loss to the University of Vermont. Vermont set a school record in scoring 200.35, while MIT equalled its season high with 197.2. MIT's record is now 4-1.

After a long, five-hour trip to the Vermont campus on Saturday morning, MIT started sluggishly on the first two events. Vermont, meanwhile, was up for the meet and took an early lead. MIT tried to come back on the last four events, but the Vermont gymnasts hit their routines and managed to hold on for the victory.

As in its victory over Vermont on Jan. 24, MIT fell behind by about three points on floor exercise. Co-captain Brian Hirano '87 and Vermont's Al Acosta each did double back flips and tied for the highest score on floor, 8.2. Mark Malonson '89 scored 7.9 for a routine including seven back, front, or side flips.

In their first competition, MIT outscored Vermont by nearly seven points on pommel horse to take control of the meet. Saturday, however, none of the MIT gymnasts hit his whole routine, and Vermont extended its lead to more than five points.

The teams were nearly equal on the next three events. MIT did its best vaulting of the season,

getting scores of 7.95 from Alan Nash '89, 8.05 from Malonson, 8.2 from Eric Reifschneider '89, 8.25 from Norman Chen '88, and 8.45 from Hirano.

MIT was also strong on parallel bars. Carl Weiner '87 started the team off with a solid planche and V-seat for a career-high 6.5. Malonson scored 6.55, Nash 6.65, Reifschneider 7.55, and Hirano 8.15.

But the Vermont gymnasts were just as tough. They did some difficult vaults such as a handspring front flip by Craig Secrest and a handspring full twist by Billy Mitchell. The team had many fewer form breaks and extra swings in its parallel bar routines than in the first meet.

Going into the last event, high bar, Vermont led by 6.3. MIT's high bar team of Nash, Jason Kipnis '87, Chiu Cheng '87, Reifschneider, Chen, and Hirano did their best routines of the season and outscored Vermont by more than three points, but it wasn't enough to pull out a comeback. Mitchell sealed the victory for Vermont with a nice half-twisting front flip dismount for a 7.9.

Mitchell won the all-around competition with a score of 47.2, including 8.05 on floor, 8.6 on vault, and 8.45 on parallel bars. Hirano, who had trouble landing

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Men's hockey defeats WPI in final minutes

By Peter Dunn

After an easy 8-4 victory over Brandeis two Mondays ago, the men's hockey team could pull out a tough win in a hard fought, exciting match against Worcester Polytechnic Institute last Saturday at the New Athletic Center. The Beavers managed a 5-4 win to improve their record to 8-3-1.

The game began at a quick clip. Plenty of dumping and chasing, combined with little stickhandling, contributed to the furious pace. Coach Joe Quinn seemed to be pushing for early goals as he shuffled his lines for more power up front, often putting high-scoring defenseman Alec Jessiman '88 onto the forward line.

As with many games before, the Beavers drew first blood.

However, unlike previous matches, the goal did not come from brilliant play or pressure deep in the opponents' zone, but instead from a gaffe on the part of a WPI defenseman.

At the 1:43 mark, after winning a faceoff in their own zone, WPI moved the puck behind its own net. A WPI defenseman attempted a long pass to the blue line, but instead bounced the puck off the back of his goaltender's leg and into the net. No MIT player touched the puck, but the goal was credited to Paul Tiao '89 who had taken the faceoff.

A lesser team might have been flustered by such a mishap but WPI pressed on. MIT's tough style of play aided the WPI players in their resolve as, just 14 seconds

after the initial goal, the Beavers were assessed a penalty for high sticking.

A tripping penalty just under two minutes later combined to give WPI an extended power-play advantage of almost four minutes. But despite WPI's pressure and man advantage, MIT kept WPI scoreless.

Luck accounted for some of the penalty killing. MIT had some trouble clearing opponents out of the slot, and WPI was given too many chances close in on the net. WPI, despite these chances, simply could not put shots on the goal.

Three minutes after the second penalty on the Beavers had expired, WPI evened the score at the 8:53 mark. After Goalie Peter

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A Message To M.I.T. Students Regarding Nominations For The Coop Board Of Directors

If you, as a Coop member and a degree candidate at M.I.T., are interested in serving as a Director of the Harvard Cooperative Society for the next academic year and you are an undergraduate student, contact Walter Rho, Chairman of the M.I.T. UA Nominations Committee in Room W20-401, Office Phone Number 253-2696. If you are a graduate student, contact Anne St. Onge in the Graduate Student Council Office, between the hours of 1:30 PM — 5:00 PM, Office Phone Number 253-2195. (Completed applications must be submitted by 5 PM, Friday, February 13, 1987.)

The Coop's Board of Directors has a total of 23 members, 11 of which are students from M.I.T. and Harvard, 11 are members of the faculty and staff or alumni of M.I.T. and Harvard, plus the President of the Society. The Board oversees the operation of the Coop, which is a \$50 million retail bookstore cooperative, and sets policy for the Coop's operation. The Board meets monthly during the academic year.

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