

MIT will pay utility bills for "Tent City" homeless project Common ground explored at second meeting

By Michael Gojer
and Katie Schwarz

MIT will pay heat and utility bills for a house at 245 River Street until March, where approximately 15 homeless people are expected to be housed rent-free through the winter, according to Walter L. Milne, assistant to the chairman of the MIT Corporation. Several Cambridge groups have been cooperating to arrange the winter housing there — in an effort prompted by the "Tent City" protests of the past months.

Representatives of the homeless Tent City group, including several students, homeless advocates, and Prof. Mel King, met with Milne and special assistant

for governmental relations and community affairs Ronald P. Suduiko on Friday for the second time, according to Daniel J. Glenn G, who attended the meeting. They met to continue negotiations demanded by the protesters and urged by the Cambridge City Council.

The city manager reported to the council last night that MIT apparently did have the authority to use its Campus Police to arrest Tent City demonstrators on its Blanche Street property on Nov. 20. Councillor Alice Wolf asked for a further investigation into the relevant state law, however.

City Council was expected to vote last night on whether to censure MIT for acting in "bad

faith" two weeks ago by arresting Tent City demonstrators encamped on MIT property near Central Square despite City Council resolutions calling for non-eviction. The agenda also listed an order to cease cooperation with MIT on the entire University Park development. Both orders, introduced and postponed by charter right last week, were tabled last night, and a scheduled hearing of the report of the Mayor's Committee on Homelessness was postponed until Dec. 21.

In the meantime, homeless Tent City members are preparing to move into the River Street house this week, according to

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Sarath Krishnaswamy/The Tech

The new Student Center store opened yesterday, just in time for the Christmas shopping season. The store stocks MIT insignia and stationery. Its hours will be 11 am — 4 pm, Monday through Friday.

MIT names vendors to occupy Student Center

By Susan Seung Eun Lee

The leases for space on the first floor of the Student Center are in the process of being signed, according to Director of Operations Stephen D. Immerman. Renovation of the Student Center is going according to schedule and should be completed by September 1988, Immerman said.

The Student Center will continue to house the US Post Office, Charlie the Tech Tailor, Tech Optical, and the Tech Barber. The first floor will also house the MIT microcomputer center, MIT graphic arts, Toscanini's Ice Cream, Newbury Comics, Council Travel and one bank.

The banks that are being considered are BayBank, Bank of Boston and Shawmut Bank. Immerman said he expects most of these leases to be signed by Christmas. The leases are for five years with an option of a five year extension.

The first floor of the Student Center will also house a convenience store, a bookstore, a stationary store and possibly a sportswear shop if there is space, Immerman said. Particular vendors have not been chosen yet, he noted.

A convenience store selling groceries and general merchandise will be given a lease. Immerman has talked to some students living in dormitories without dining halls to get a better idea as to which convenience store would be the best.

Immerman noted that the bookstore will not be allowed to sell textbooks. Textbooks are sold solely by the Harvard Cooperative Society, he said.

Although a beauty salon was considered due to the increased number of women on campus, Immerman said that the Student Center will not be able to include it due to lack of space.

Immerman said the planning for all leases will be completed by February. He also said that the renovation of the Student Center is on schedule and going well. The renovations will be completed by September of 1988. The builders are contracted to pay for any time beyond the date, he added.

Immerman said that the rents will meet the cost of the renovation. The rents are still way below the market rates, he said. There is no profit involved, Immerman said.



The Lutheran Episcopal Ministry ended its second annual coat drive last Friday. According to Cynthia S. Carr G, coordinator of this year's drive, over 2100 parcels of clothing were collected. This was in comparison to last year, when 1500 parcels were collected.

Most of the goods will go to the Central Square Salvation Army which just opened a daytime shelter, Carr said. "We're really pleased since the blankets and especially all the coats that we received will go to good use there."

MIT seeks to alter its image with spicy recruitment pamphlets

Feature

By Morlie L. Wang

Prospective applicants to the MIT Class of 1992 will be opening their mailboxes to discover what might be mistaken for a sweepstakes advertisement. A flash of yellow will suddenly catch their eye. Is this some kind of fashion magazine for teenyboppers? No. It is a pamphlet telling them that MIT might be the right university for their undergraduate career.

The MIT admissions office is sending out spicy, new materials to this year's candidates for admission. These materials consist of two main publications: a 40 page prospectus which accompanies the MIT application; and a "Search" piece, packaged in a bright yellow envelope, which is enclosed with the request for an application.

The new prospectus booklet shows full color pictures of many facets of MIT life, including: violinists, students working on a 2.70 project, people relaxing in a

dormitory lounge, a view of the Boston skyline, crew shells on the Charles, blackboards filled with differential equations and people chatting in Lobby 7. The prospectus also contains photos and biographies of individual students and faculty, and a description of the different schools at MIT with references to creative activities and leading faculty.

The search pamphlet is a shortened version of the prospectus. "The facts about MIT may surprise you," announces its cover, enticing the reader to look further.

Even the "old reliable" of the admissions office, *MIT Today*, has been given new life. The old *MIT Today*, sent to candidates for the Class of 1991 and before, was black and white, dull and rather archaic, according to Professor Richard M. Douglas, a member of the Committee on Undergraduate Admissions and Financial Aid. But today's *MIT Today* boasts a glossy colored cover, although the information inside is roughly the same.

What brought on this unprec-

edented marketing wave?

Director of Admissions Michael C. Behnke explained that candidates applying to many universities are confused and overwhelmed by the amount of literature that they receive, and

students need to look for a way to eliminate choices. MIT's new publications speak directly to the candidates and use familiar language — they are forceful and bold, he said.

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583 seniors must still pass Phase II

By Sally Vanerian

Over half the students in the Class of 1988 have not completed Phase II of the Writing Requirement, according to Coordinator Bonnie J. Walters. About the same number of seniors had not completed Phase II this time last year. The deadline for submitting Phase II papers for the undergraduates who will be graduating in February 1988 is Dec. 11. For those graduating in June, the deadline is Feb. 19.

As of Nov. 23, 583 seniors had not completed Phase II. About 470 students have completed both phases, 18 students have finished Phase II but not Phase I, and 51 students have satisfied neither phase, Walters said.

The Committee on the Writing Requirement's latest numbers indicate that 202 of the students who have not completed Phase II are in the Department of Electrical Engineering and Computer Science, the largest departmental group. But some of these students are in the VI-A Internship Program and can defer undergraduate requirements until they receive the master's degree.

The two largest groups that have not completed Phase II are seniors in biology and physics: 19 biology majors and 53 physics majors have not met the requirement.

Gaggle cops Tech board. Page 2.

Soviet Jewry protesters march on Washington, D.C. Page 10.

Addressing the problem of homelessness in Nicaragua. Page 21.

Former medic speaks on his experiences with Afghan rebels. Page 23.

Bonnie Walters moves from the Writing Requirement to the ODSA. Page 24.

MIT's solar car places 8th in trans-Australian race. Page 27.

Gaggle cops 108th board of *The Tech*

Special to *The Tech*

The Managing Board of *The Tech* Saturday elected its 108th board of directors, which will be headed by Chairman Peter E. Dunn G, Editor in Chief Andrew L. Fish '89, Business Manager Mark Kantrowitz '89, and Managing Editor David B. Plass '90. Thomas T. Huang G will become the new executive editor.

The new board members copped their gaggles amidst enthusiastic applause as they realized the implications of their new responsibilities. "I've just given myself a death sentence," said David "Jethro" Plass, who announced that he had also just switched majors — to computer science. Nevertheless, in the mold of Teddy Roosevelt, Plass vowed to "speak softly and carry a big exact-o knife."

Peter "Peaches" Dunn and Andy "Fried" Fish were very optimistic about their upcoming terms of office. Dunn, whose background in the *Tech* organization has been with the arts department, said he wanted to make some small layout changes — specifically, he suggested putting film reviews on the front page and starting news on the inside. In addition, Dunn promised to beef-up *The Tech's* sports pages with regular coverage of the Toronto Blue Jays.

Fish was elected because he claimed that he was better qualified than any of the other candidates running for editor in chief. When board members questioned this audacious assertion, he noted that he has served as the news editor and has been the most prolific news writer for *The Tech* since 1985. In addition, he noted that he was running unopposed.

Mark "MK" Kantrowitz cited his previous experience as a mathematics major as the reason why he should be elected business manager until he was forced to admit that after three years of MIT math, he still cannot add. Kantrowitz promised that he would never be caught stealing money from petty cash. "I'll just come during the night when there's nobody here," he said.

Huang said his love for the newspaper was the primary reason he decided to run for executive editor. Describing what he called an "undying" belief in reincarnation, Huang claimed, "I held this job in a past life." Huang served as Spiritual Leader Editor for the past year and said he wanted to leave a more down-to-earth legacy after he moves on.

The position of news editor is often called the dirtiest position on *The Tech*. But next year's news editors are undaunted by this reputation, saying: "We love dirt." These "exciting young prospects," as Huang called them, are Darrel "Mr. T" Tarasewicz '89, Niraj "Wildman" Desai '90 and Michael "Sherlock" Gojer '90.

Rob "Scoop" Adams '90, of news roundup fame, will round out the department as the associate news editor "with the most mellow." Asked what their plans would be as news editors, the entire group resounded with the statement: "no comment." You learn fast, guys.

Serving as night editors for volume 108 will be one old-timer, Ezra "only if she's Kosher L" Peisach '89 and relative newcomer Marie "Eat Vegetables" Coppola '90. Peisach, who served as night editor in 1986, is one of the Gods of the *Tech* computer sys-

tem. But he confessed he still couldn't tell the difference between David Plass and newly elected production manager Harvard K. "Prod Slug" Birkeland '89.

Marie's victory marks the first time a woman has been elected night editor in five years. "I see this as a victory for women everywhere," said Coppola, adding, "A woman's place is in the production shop."

Former Publisher Michael "Phantom" Garrison '88 will again serve as opinion editor in residence, only this time he will have the title to prove he is doing the job. One of the more vocal members of the *Tech* editorial board last year, Mike said, "There's no issue that we can't blow out of proportion if we want to."

Graduate students will continue to dominate the editorial positions in the arts department with Saturday's victory for Julian "Juli" West G and Jonathan "Rhubarb" Richmond G.

"Julian will take care of all the movies, albums, theatre, dance and books, and I'll take care of the important stuff," Richmond was heard exclaiming from beneath his 3000-page thesis.

Julian will be writing thesis as well, but he said that this would not interfere with his duties as

arts editor. "I've seen plenty of people doing complex combinatorial multivariate logic analysis during rock concerts. No problem."

Videophiles Kyle G. "Pentax" Peltonen '89 and Mark D. "Photo Slug" Virtue '90 will be spending a lot of time together in the dark as the photography editors for volume 108. Peltonen and Virtue, in a brilliant display of teamwork, said that each would resign if the other were not elected. They have both won numerous photojournalism awards for their photo essays on yogurt.

Current advertising manager Hal Birkeland moves back to the production shop as he replaces Peisach as the new production manager. Birkeland said his first order of business is to order 9000 "Go Navy" sweatshirts for the entire *Tech* staff and their progeny. Meanwhile, the position of adman has been left vacant in hopes that former editor in chief Harold A. Stern '87, currently on assignment in upstate New York, can be convinced to hold the post next year.

V. Michael "You haven't seen the last of me" Bove G was re-elected to the post of contributing editor, along with news editor Akbar A. "The Travelling" Merchant '89. Bove volunteered to

test the *Tech's* new computer system by typesetting his entire doctoral thesis on it. Merchant plans to split his time between the news and opinion departments and hopes either to "bring some facts" into the editorial pages or to "bring some flaming" into the news pages.

Sent to the Senior Editor Retirement Home were seniors Mathews "Mutt" Cherian '88, Ben "Sting" Stanger '88, and David "Where's my cropper?" Watson '88. All three pledged to

faithfully fulfill all the responsibilities of a senior editor except Watson, who said he might actually continue working at *The Tech* next term.

Outgoing Editor in Chief "The" Earl C. "of" Yen '88 could not be reached for comment but was last seen boarding a supersonic jet. A small note left on his desk gave some small clue to his whereabouts: "After spending 11 continuous months in this office, I kinda began to miss the sun. Aloha."

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news roundup

from the associated press wire

World

Gorbachev arrives in Washington

Soviet General Secretary Mikhail Gorbachev arrived in the United States yesterday afternoon for a three-day superpower Summit. While in Washington, Gorbachev and President Ronald Reagan will sign a treaty eliminating superpower intermediate-range weapons. Accompanied by his wife Raisa, Gorbachev was received at Andrews Air Force base in Maryland by Secretary of State George Shultz PhD '49.

Gorbachev said he hopes to hear something new on the touchy subject of the Reagan Administration's "Star Wars" space-based anti-missile program during his visit to Washington.

Gorbachev arrived in Washington before the treaty itself. The treaty was being brought to Washington from Geneva on a US military plane yesterday. The plane left Geneva late because US and Soviet negotiators were still haggling over some fine points of the treaty language.

Pravda's summit preview edition raised hopes for a thaw in superpower relations as a result of the summit. The Soviet Communist Party newspaper quoted Gorbachev as saying he is going Washington eager to shift from

propaganda to policymaking. *Pravda's* chief political analyst even went as far as to suggest a possible renewal of the US-Soviet World War II alliance.

The motorcade from the Air Force base in suburban Maryland gave Gorbachev his first view of where ordinary Americans live. He will spend nearly all of his brief visit within a few heavily guarded blocks of downtown Washington.

The latest *Washington Post*-ABC News poll indicates that most Americans think the Soviet Union is a threat to the United States. Only 8 percent of those surveyed saw no threat. One percent had no opinion. However, a majority of respondents believed that US-Soviet relations are good now.

French arrest Iranian exiles

Dozens of anti-Khomeni Iranian exiles were arrested yesterday in Paris, and the interior ministry said they may be expelled. The dissidents who seek the overthrow of Khomeni, accused France of making the arrests as part of an attempt to gain the release of Frenchmen held hostage by pro-Iranian groups in Lebanon.

Nation

Court considers pro-choice complaints against Church

The United States Supreme Court is to decide whether there should be a trial in a case concerning the Roman Catholic Church's tax-exempt status and its anti-abortion stand. A key issue is whether supporters of the right to abortion have standing to sue. The pro-choice side contends that it is injured because the Church's tax-exempt status gives the Church a competitive advantage that violates tax code limits on political lobbying.

Senate budget committee chairman will not seek fourth term

Senate Budget Committee Chairman Lawton Chiles (D-FL) has decided not to seek re-election. He said that after three terms in the Senate, he is not looking forward to another. Chiles is the sixth senator to bow out of next year's elections.

Sports

Baseball to propose drug-testing

Baseball Commissioner Peter Ueberroth delivered his state-of-the-game address yesterday at the winter meetings in Dallas. He admitted that his claim a year ago that baseball was free of drugs was exaggerated. He said baseball would propose a drug testing plan for players next year.

During his 30-minute speech, Ueberroth remained in favor of expansion — something that will be addressed today at both the American League and National League meetings. He added that 1987 was a "very productive year by any objective measure" when it came to the hiring of more blacks in administrative positions. He reported that minorities currently make up 10 percent of all front office staff compared with just 2 percent several years ago.

Pete Rose retires from playing

Cincinnati Reds player-manager Pete Rose is apparently ready to delete one word from his title. The 46-year-old Rose told reporters at the baseball winter meetings that he will not be playing anymore. He added that he does not see a need to make an official announcement.

Rose has not played a game since Aug. 17, 1986 but has never officially announced that he is retiring. The major league career hits leader was a three-time National League batting champion and the league's Most Valuable Player in 1973.

Former Celtic signs with Milwaukee

Former Boston Celtics reserve Connor Henry has agreed in principle to a one-year contract with the Milwaukee Bucks. The six-foot-seven guard started in 10 of Boston's 14 games this season before being cut last week. He averaged just over three points and one assist per outing.

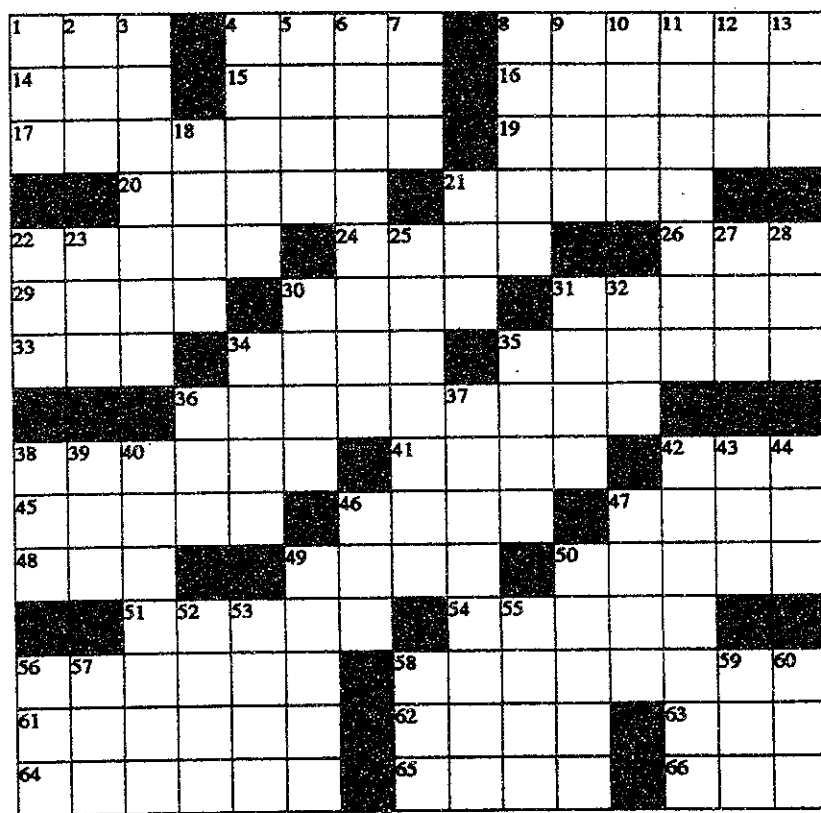
Local

State to reform automobile insurance

The chairman of the State House Ways and Means Committee said he is optimistic that a new automobile insurance reform package will pass this year. The package is designed to cut rates seven to eight percent and was endorsed yesterday by the committee. The bill would increase surcharges for unsafe driver points and tighten penalties for operating a vehicle without insurance. The bill would also double the threshold for personal injury suits to \$100,000, eliminate collections from multiple insurance policies and eliminate \$100 deductible collision coverage.

CROSSWORD PUZZLE

by Andrew Marc Greene '91



"Finals Week"

ACROSS

- 1 h follower
- 4 Molten rock
- 8 Wall-mounted memorial
- 14 Photog. rating
- 15 Bible name
- 16 Happens again
- 17 FINAL
- 19 corrected
- 20 Columbus ship
- 21 Roiling
- 22 Required number
- 24 Not obese
- 26 Little bit
- 29 Ratsen d'
- 30 Far East country
- 31 "Good Night, "
- 33 Dis 'n'
- 34 Midday
- 35 More sullen
- 36 "THE FINAL "
- 38 More positive
- 41 Smidgen
- 42 Cap
- 45 Duress
- 46 Gerund parts
- 47 Tender
- 48 Gender
- 49 Small compartment
- 50 Falcon home?
- 51 Amtrak vehicle

DOWN

- 54 Firm grasp
- 56 TV detective
- 58 THE FINAL
- 61 Perform surgery
- 62 Org. for Course VI students
- 63 No, in the Senate
- 64 Runs water through
- 65 Kind of current
- 66 SAT relative
- 1 Sheep sound
- 2 Snake
- 3 Friendly relationship
- 4 Hotel magnate
- 5 Med. school subj.
- 6 Occupation
- 7 Ember
- 8 Type of solid
- 9 In case
- 10 Start of Hamlet
- 11 FINALS
- 12 Holder for 7 Down
- 13 IBM's PC division, formerly
- 18 Ceremony
- 21 Align gun sights
- 22 End of many proofs
- 23 Lizard genus
- 25 Shouting
- 27 Carbohydrate
- 28 German article
- 30 Type of cream
- 31 Caucus state
- 32 Dash
- 34 Seasonal greeting
- 35 Splashes
- 36 Langley org.
- 37 With corners bent back, as a book
- 38 Some Athena workstations
- 39 Raw rock
- 40 FINAL
- 41 (contestants in a late round)
- 42 Football violation
- 43 Picture or sculpture
- 44 Brilling drink
- 46 Charged atom
- 47 NaCl, e.g.
- 49 Property rights
- 50 Cash
- 52 Aggs.
- 53 Wing-like structures
- 55 Tilled the soil
- 56 With 5, opposite of VAL
- 57 Three: comb. form
- 58 Shame
- 59 Sensory organ
- 60 Deli bread

Weather

Mild weather expected

We can expect relatively mild weather during the next two to three days as a weak warm front passes through our region. The disturbance is transporting moisture northeastward, however, which will lead to cloudy skies and a chance of a shower for Boston this afternoon. By Thursday, the trailing cold front will be in our vicinity. Thus, we can expect a cooling trend during Thursday and Friday.

Today: Increasing cloudiness during the early morning hours will result in mostly cloudy skies in the afternoon. There is a chance of an afternoon shower. High temperatures will be in the middle 40's (6-9°C) and winds will be from the southwest at 5-10 mph (8-16 km/h).

Tonight: Skies will remain cloudy and there is a risk of evening showers. Low temperatures will only reach 35-40°F (2-5°C).

Wednesday: Partly sunny and mild. Highs 45-50°F (7-10°C).

Thursday: Cloudy and cooler. Highs 40-45°F (4-7°C).

Forecast by Robert Black

Compiled by Akbar Merchant

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The MIT Pro-Life Group presents: THE VICTIMS OF ABORTION: WOMAN AND CHILD

- **Who?:** Debbie Sotirkys, founder of Women Exploited By Abortion (W.E.B.A.).
- **When?:** December 8, 1987, at 6:00 p.m.
- **Where?:** MIT, room 4-163.
- **Why?:** Convinced that every abortion has two victims, the woman and the unborn child, Sotirkys gives a deeply moving personal testimony. Her appearance is especially timely, as President Reagan recently asked Surgeon General C. Everett Koop to compile a national report on the physical and psychological effects of an abortion on women.

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opinion

Column/Thomas T. Huang and Niraj S. Desai

Voters should look past personality

In the distance, the sea moves in silence. But we know it's an illusion. The waves of the ocean come crashing thunderously upon the shoreline of this land, our home.

Politics in America is like the sea: the issues that our leaders discuss often seem distant to us. Most problems that the government tackles seem to have no direct impact on our lives. But, like the ripples of the ocean, they will come, one day, and they will rock us. The times we live in are stormy. The times we live in are beset by the turmoil of swift, invisible undercurrents.

We know that the issues are very complicated. The country faces problems that have no simple solutions. It's tempting to try to simplify things.

Recently, we've been losing young leaders who worked hard to explain these issues to the American people, who worked

hard to develop solutions to these problems. They became presidential candidates, but, almost from the start, their voices were silenced from the national debate — not because of their positions on the issues, not because of their political record, but because of their conduct in their personal lives. Maybe it's easier to judge men and women on their personal behavior than on what they stand for and what they fight for in the public arena.

On May 9, 1987, Gary Hart, a senator from Colorado, pulled out of the presidential race. The media had reported that he had spent the night with a young woman. On September 23, 1987, Joe Biden, a senator from Delaware, pulled out of the race when the media reported that he had copied political speeches from other men, and that in the past he had lied about his academic credentials.

These candidates quit because they felt they could no longer talk to the voters about national issues. Rather, their private lives had become the issue, while their actions in addressing the pressing issues of our times — such as rising unemployment, racial and sexual discrimination, military conflict in the Persian Gulf, AIDS, the threat of nuclear holocaust — seem not to have carried as much weight.

Presidential candidates can now be forced out of the race, almost at a wink of an eye, when the press unveils incidents of human weakness in their private lives.

No one can deny that the personal character of our presidential candidates is important. When looking for a man or woman to lead the country, voters have the right to glimpse the personal lives of public officials. Because we cannot predict what crises will beset this nation in times to come, we want to choose a leader whom we can admire and trust — a leader who can inspire us and give us hope in trying times.

Moreover, a person's ability to make policy does in fact depend in part on personal qualities like integrity, compassion, conviction, sincerity. A candidate's personal vision, intelligence, grasp for history, and judgement of character all play an important role in leadership.

But where do we draw the line between pardonable human mistakes and action that would make us doubt a person's ability (Please turn to page 9)

Column/Peter E. Dunn

Is there a Santa Claus in our times?

No, Virginia, there is not a Santa Claus.

"Thank God, he lives, and he lives forever. A thousand years from now, Virginia, nay, ten times ten thousand years from now, he will continue to make glad the heart of childhood." Yet in the 90 years since Francis Church wrote those words in his editorial in the pages of the *New York Sun*, the world has become a place where such blind, optimistic belief in the hope and promise idealized by Santa Claus seems outdated naïveté.

When I think of your world of 1897, I think of the wide-eyed world of a child, a world where anything was possible, where there were no limits to what mankind could do. Yours was a world, Virginia, that only six years later would produce the first successful attempt by man to reach the sky, and later the stars, in a deserted place called Kitty Hawk, on the wings of the Wright Brothers' *Flyer*. The automobile, Alexander Graham Bell's telephone, Thomas Edison's incandescent lamp and phonograph, Eastman's hand-held camera, the first Olympics in Athens, Marconi's wireless, were all creations of a world where great men refused to fall prey to the skepticism that other smaller men would impose upon them.

Yours was a world of promise, a world on the brink of a new age. If Francis Church asserted that one need not see Santa Claus

to believe in him, it was because the world was every day enlarged by things unseen, discovered or invented. Yours may have been a "great universe" in which man was "a mere insect," but one which day by day was becoming smaller and smaller. As mankind discovered new ways to travel and communicate, the possibilities became endless. The prospect of world brotherhood, where the barriers of distance and space had no meaning, seemed just around the corner.

But in 90 years has mankind lived up to the optimism which Francis Church indirectly alluded to in his editorial? Has the world become better in the interim?

Certainly the world now has less disease and less poverty, is better educated, is better housed and is altogether better off. Technology has brought comfort and security to the vast majority of the inhabitants of a cold and harsh planet.

But technology has also taken its toll. Our world, Virginia, is one of escalating divorce, violent crime, greed and corruption — if the turn of the century was on the brink of a new age, we are on the brink of annihilation. Yours was an immense universe getting smaller — technology has made the world a series of isolated pockets of people, content among themselves. The products of your age have brought mankind not closer together, but fur-

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The Tech

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Friday, December 8, 1987

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feedback

MIT holds the solution for Tent City homeless

To the Editor:

I have remained silent on the matter of Tent City and the homeless for some time, but recent developments force me to add my name to the growing list of correspondents on this matter.

I am very sympathetic to the plight of the homeless and feel that their lot in life is an unhappy one under any circumstances. I feel that cities like Cambridge and Boston have a duty to see that low cost housing is provided for those who most desperately need and deserve it and that an informal alliance between MIT and the Cambridge City Council could in some small way contribute to this end. However it remains obvious that the Cambridge City Council does not have the political will nor the necessary moral backbone to do much about this sorry state of affairs, with some of its members preferring to use the issue of Tent City as yet another battle in their war of attrition against MIT.

I have little doubt that had the homeless decided instead to camp on the grounds of the Cambridge City Hall and directed their appeal at that institution, they would have been forcibly evicted with little or no ceremony.

An enormous amount of emotion has been generated on the matter of the homeless in recent weeks, in particular by those who with overblown paranoia see MIT as the great Satan of Cambridge and a reprehensible symbol of unkind, unseeing corporate greed. At the other end of the spectrum there have been those whose sarcastic suggestions have bordered on the fascist.

While by no means wishing to appear moderate in any respect, I suggest that a more practical ap-

proach to the problem of homelessness and poverty is called for. Rather than resorting to the all too tempting zealotry, foaming-at-the-mouth perjurative, finger pointing and thinly veiled political machination that always accompanies such debates, I suggest that those concerned about providing housing for the homeless should approach MIT with a plan for rehabilitating the houses on Blanche Street.

The necessary funds for the

restoration could be solicited from the Institute as well as the City Council, while the technical knowledge and the physical work would be provided by willing volunteers. With the sweat of their collective brows these volunteers would accomplish infinitely more than those who choose merely to rave about the problem. There is no room for political posturing in such an important issue.

Christopher M. Atkinson G

America is the land of diversity, where preconceptions are idiocy

To the Editor:

I was very disappointed and offended by Paul Sherer's column ["America: is this the land of idiots?," Nov. 17], which discussed the "idiocy" of Americans and complained about their lack of "critical thinking." The same person who classified Americans into two categories - "rednecks" and "quiche-eaters in BMW's" - classified Nashville as the "mecca of pickup trucks . . . gun racks, monstrous mobile homes. . . ."

My home is in Nashville and this is just not an accurate depiction at all. In addition, this arrogant New Yorker has classified every southerner who drives a truck as a "revolting redneck." The "brightest and the best" of MIT should at least be able to differentiate between choice of vehicles and personal attributes.

Idiocy is a pretty strong word to use to describe other people's choices of entertainment, although I am inclined to use it for one who spends his summer vacation searching for "the essence of

idiocy."

It is not strong enough, however, to describe the tendency of many to place people into categories based on sweeping generalizations stemming from preconceived notions which have been developed throughout generations of narrow minds. I have lived in both the North and the South, in a full range of rural, suburban, and urban communities, and I have seen this tendency of thought everywhere, no more so in the South than in the North. It is an attitude which has harmful affects on all interrelations and communications.

In placing others into narrow classifications, Sherer has demonstrated the "lack of understanding" which he has rashly accused others of. I really hope that in the future, beginning now, people will learn to accept cultural differences as just that, differences, without making value judgements based on those differences.

J. Dora Schaefer '90

opinion

Column/K.J. Saeger

Afghan atrocities echo Soviet policy

The end of the term is fast upon us, and for me it is taking a grave toll. The pressures of deadlines and tests are playing tricks on my mind. Last week, I began dreaming or hallucinating some very bizarre events.

While walking down the infinite corridor last Friday, I could swear that I saw a board (possibly outside the Undergraduate Academic Support Office) titled "The Faces of Afghanistan." What I saw there was very compelling and surprising considering the content of the majority of the political messages littering the corridor walls. Next to a large picture of America's new media sweetheart, Mikhail Gorbachev, was the face of a small boy, his features mutilated as a consequence of the war. These two faces were emblematic of the facade of the Soviet Union. The outside is smiling, congenial and questing for peace, while on the inside there exists naught but pain and loathing.

I think that this depiction of Soviet atrocities must have been a dream because when I went to view it again on Sunday morning it was gone. Only a blank board was found where I once thought

I had seen this insightful message. With the ongoing summit meeting, the importance of such a placard cannot be overstated.

The United States is again on the verge of making a deal with the greatest abusers of human rights that the world has ever known. Can a people willing to commit genocide for the acquisition of a warm water port be trusted to abide by any treaty we form with them? For some reason, we are willing to dismiss such behavior, just as we are able to dismiss the plight of Soviet Jews. I predict that in the future we will also be forced into a round of denial about the increasing role of the Soviet Union in the African National Council.

If the aforementioned poster ever existed, I must question the timing of its removal. If the group responsible for it chose to take it down, I wish they would reconsider. If for some reason the Institute had anything to do with its disappearance, I hope they change their mind. If this tribute to Soviet cruelties only ever existed in my imagination, I pray that someone will create it and remind the students with whom the United States is currently

negotiating.

My other "hallucination" has much more evidence to corroborate its actually having happened. Yet, the idea seems so ludicrous that it must have been imagined. Let us assume that a presidential candidate was accused of some questionable personal habits. Now, if this candidate was supposed to be a candidate of ideas, as soon as the press became more interested in his private life than in his "enlightened engagement," his message is muted. The dilemma facing this candidate is how to effectively refocus the debate

(Please turn to page 8)

Column/Marino D. Tavarez

Get us through the dark of night

Chapter 1: It's not working and sleep no longer helps. The problems are still all the same. They never go away, they just get pushed back another day. Infinite attempts at putting life in perspective fail. The once useful escapes are no longer possible. People start worrying after a while. They get nervous, "Are you OK?" Sure — but do you have aspirin? All this coffee is

making my head spin. Give me a cigarette while you're at it. I bought a pack today, but I threw it out after smoking one or two. I shouldn't smoke, it makes me sick. But it makes me feel better.

Chapter 1: I've always wondered what it is about a shower that makes one feel better. I suppose it's symbolic. Washing away preoccupations from the previous day. Beginning anew, refreshed body, fresh scent, clean clothes and another try. It's all downhill from there of course. The city air gets a hold of you on the drive in. "Everything sticks on a 'tabla rasa,'" they say. But things not only stick, they cling and poke and sometimes draw blood. "Put on a band aid then." No need, I'm all out of it you see, blood that is. They can't suck up no more from me — I am immune. I'm invulnerable, too. No hurt, no pain, no mess, just numbly alive.

Chapter 1: "For the kids watching at home: please do not try this on your own. . . . These are trained professionals, with many years of experience. . . ." What the hell does "experience" have to do with it? Can people truly protect themselves from themselves? We try and try again. We can build fortresses of steel around our homes, our towns and cities. Wouldn't it be neat if we could deploy an SDI-type system inside our bodies to protect us from hostile intra-organ attacks? Life would be so much simpler. . . .

CONTROL: Control to Spleen . . . Control to Spleen . . . Do you read?

SPLEEN: Loud and clear.

CONTROL: Unnecessary hormonal activity near pubic area has been reported. Can you intercept?

SPLEEN: Roger.

Chapter 1: With just a few days remaining in the fall semester, MIT students all around campus hurry to and from classes thinking about holiday plans and the much awaited January vacation. "I'll be done finally. I can kiss this place good-bye! Four and a half long years, now I can

start living again," a senior said. "It's not that I stopped living, that's not what I mean, but going here makes you have to put certain things on hold." "This was a tough term," one student commented, "but I can't wait until my last final is over so I can relax." "You bet I'm happy," another added, "My boyfriend is driving all the way from Wisconsin to pick me up for Christmas — it's going to be such a relief being away from this depressing place." When asked about how it would feel coming back in February, this optimistic freshman added, "I'm not thinking about that now; ask me in about 6 weeks." So the climate here in Cambridge, Massachusetts, is upbeat and cheery. It's not so much what is going on now that people are happy about, as what is yet to come. This is . . . reporting from . . .

Chapter 1: What about those of us who didn't finish the term? I mean those who took their lives. What plans are they making? I'm sorry. . . .

Chapter 1: "Hey listen, you haven't gone to class for a while, are you sure you're OK?" Yeah, yeah. I just don't know what the big deal is anymore. I just need to get things done. Going to class isn't going to make that happen any easier. Maybe I'll feel better, but that's temporary. Like the cigarette, you know. "You should talk to someone, I worry about you." Thanks for caring, but this is something that has always been there. I haven't dealt with it before, so this is my big chance to settle it forever. "I guess. But you don't have to go at it alone. Think about it, see you tomorrow." Good night. "Think about it." That's the problem, too much thought. Thought implies solution, but there is none . . . none logically anyway.

Chapter 1: I still have sleep however, and they can't take that away from me. Set alarm. Never mind, why bother? Light off. Drifting into oneself to escape, crying for help.

Marino D. Tavarez is a senior in anthropology.



feedback

Be aware of Syrian human rights abrogations

To the Editor:

I am writing to call attention to the deplorable condition of human rights in Syria. On March 11, 1986, in a statement delivered before the 42nd Session of the UN Commission of Human Rights, a Syrian delegate declared his governments' intention to accede to the 1984 Convention Against Torture. Investigations suggest that Syrian security forces continue to utilize torture on a large scale.

Thousands of political prisoners have been imprisoned under Syria's State of Emergency legislation of 1962 and use of torture is reported to be routine. Prisoners are held incommunicado without charges or trials for years. Detainees are said to suffer from a variety of diseases, caused

by unsanitary conditions, poor diets, inadequate medical care and routine ill-treatment. Tortures include beatings with sticks, cables or whips, electric shocks, pouring boiling water on victims and sexual abuse.

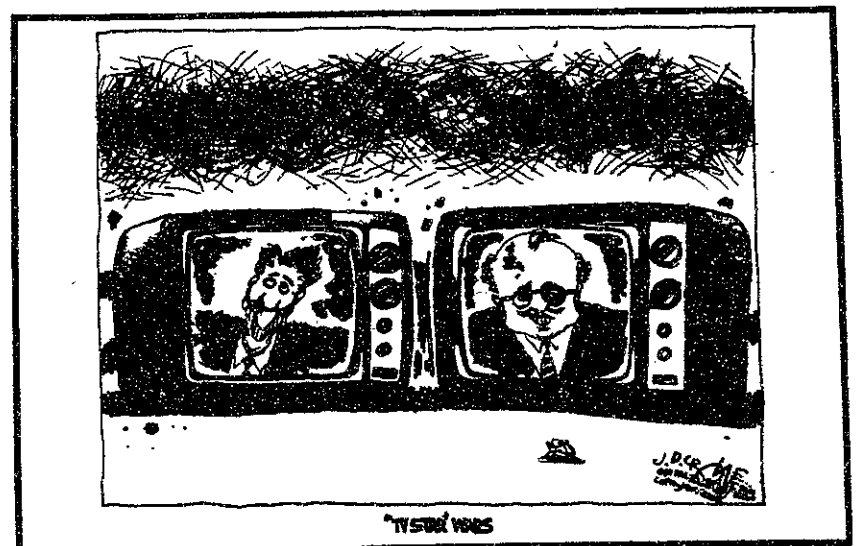
In addition, Syrian troops occupying Lebanon have been reported to have committed revenge massacres of unarmed civilians in that country. Over 200 people have allegedly been killed and hundreds of others are missing after being taken away by Syrian troops.

Past massacres by Syria's 275,000 man army and the elaborate security apparatus of five intelligence agencies are well documented. Hundreds of people were killed and thousands arrested to prevent a general strike in

northern Syria in 1979. In 1980, 250 to 300 political prisoners were massacred after an assassination attempt on President Assad. At least 10,000 residents of Hama, the fifth largest city in Syria, were killed in 1982 during an uprising.

I urge everyone reading this to keep informed about the condition of human rights in Syria. Governments are often concerned with world public opinion of them and take measures to improve their image when the human rights violations they commit become widely publicized. Also, more direct action, such as writing to the Syrian government, might improve the lives of hundred or thousands of people in Syria and Lebanon.

Ichiro Matsumura '88



opinion

Our times do not meet Church's expectations

(Continued from page 4)

ther apart. It is still a world of blacks and whites and yellows and reds, Catholics and Protestants and Jews and Muslims, beautiful people and white collar and blue collar and homeless, yuppies and townies and red-necks and wasps and japs, artsies and techies and druggies and nerds and jocks. We have not degenerated into utopian look-alikes, but neither have we learned to accept the differences between us.

If mankind is more comfortable, Virginia, it is certainly not happier. Ours is a world where *The Big Chill's* assertion that "I haven't met very many happy people in my life; how do they act?" rings surprisingly and hauntingly true. People lead boring, unhappy lives, highlighted only by infrequent, short bursts of laughter and true happiness. Do people really smile at each other anymore? The world is populated by miserable souls with painted-on smiles.

Do I look at the age of Francis Church and Virginia O'Hanlon — at the year of 1897 — through rose-tinted glasses? Am I so naïve? Perhaps. It was after all your time, Virginia, that in the Industrial Age forced vast numbers of children to work under ungodly conditions. It was your age, Virginia, that, outside of Little Nemo's voyages to fanciful

Slumberland, encompassed the more than real worlds of the Yellow Kid and Dickens' Oliver Twist. It was your age, Virginia, that in the succeeding ten years produced the Spanish-American War, the Boer War, the assassination of President McKinley, the Russo-Japanese War, and later the first Great War.

Am I a product, as Francis Church wrote, of the "skepticism of a skeptical age?" Am I just another product of the Christmas blues? Perhaps. But if we can only say that world of 1897 was no better than the world of 1987, then can we truly say we have lived up to your hopes, Virginia? Where have the Edisons, the Wrights, the Marconis, the Bells, and the Francis Churches gone? Whatever happened to Santa Claus? Virginia, ask yourself when you go home for Christmas: "Will my children inherit a better, happier world than mine?"

No, Virginia, there is not a Santa Claus. This Christmas, presents will be a little bigger, fireplaces a little warmer: the world may be comfortable on the outside but its heart is still cold and there is no place in it anymore for a Saint Nick.

Peter E. Dunn, a graduate student in the department of aeronautics and astronautics, is an arts editor for The Tech.



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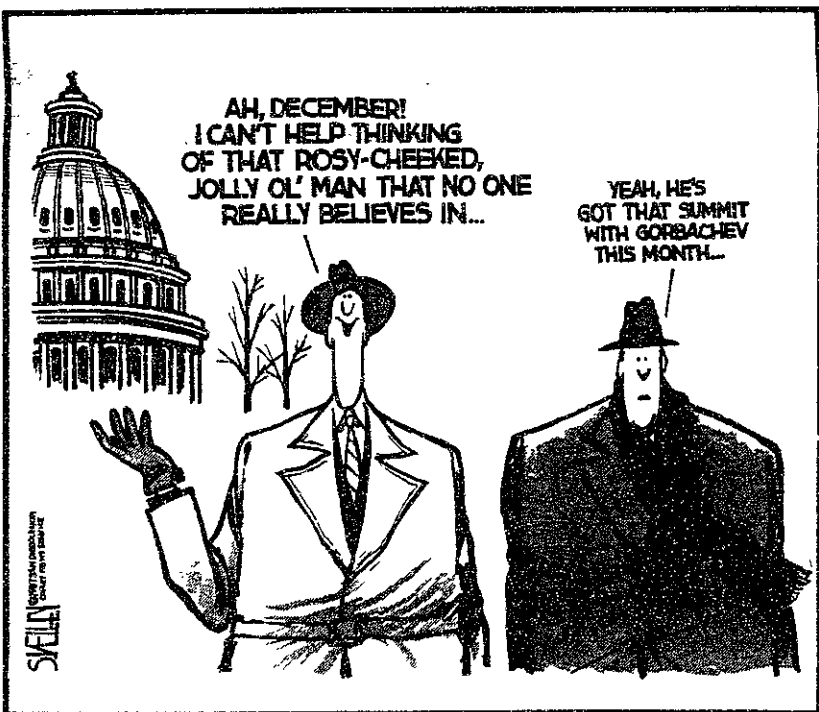
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IAP For Freshmen Or 44 Reasons To Leave Home

Independent Activities Period offers a chance to explore MIT and get to know its people and programs. There are many intriguing opportunities, which you can find in the IAP Guide. The boldface F at the end of a listing means that the activity is of special interest to freshmen. Here is a list of introductory and exploratory activities sponsored by academic departments and programs. Other freshman activities, as well as regular academic courses, are listed on p. 31 of the Guide.

Aeronautics and Astronautics

- 1 Highlights Of Aeronautics And Astronautics**
See the Guide for details and schedule.
- 10 Think It'll Fly? Give It A Try!**
Mon, Wed, Fri, Jan 4-8, 12 noon-2 pm, 37-232, labs to be arranged.
Preregister by Dec 12.
Design and build a wing or airplane of your choice and then test it in a wind tunnel to see if it works.

Applied Biological Sciences

- 33 Introduction To Applied Biological Sciences**
Wed, Jan 13, 1-3:30 pm, 16-318

Architecture

- 50 An Introduction To Architecture**
Tues, Jan 26, 2 pm, new exhibition room, 7-431

Biology

- 81 Undergraduate Life In The Biology Department**
Fri, Jan 8, 10-11 am, 66-160. Preregister by Jan 4.

Chemical Engineering

- 104 Chemical Engineering Open House**
Thurs, Jan 14, 9 am-12 noon, 66-110

Chemistry

- 131 Tours Of Chemistry Department Labs**
Wed, Jan 27, 12 noon, 2 pm, 4 pm, 2-325
- 132 Design Lab Kits For 5.11**
Mon, Jan 11, 1 pm, 2-325
- 134 A Novel Approach To Beginning Labwork**
See the Guide for details and schedule.

Civil Engineering

- 150 Careers In Civil Engineering**
Wed, Jan 27, 1-2 pm, 1-350
- 151 Careers In Engineering Systems And Computation**
Wed, Jan 27, 2-3 pm, 1-350
- 152 Careers In Environmental Science And Engineering**
Wed, Jan 27, 3-4 pm, 1-350
- 153 Laboratory Tours In Civil Engineering, Engineering Systems And Computation, And Environmental Science And Engineering**
Wed, Jan 27, 4-5 pm, 1-350
- 155 Die Brücke: Bridge Design Competition**
Tues, Jan 5, Thurs, Jan 7, 14, 10 am - 12 noon, 1-235; Wed, Jan 27, 10 am, lobby 10.
Preregister by Dec 15

Earth, Atmospheric and Planetary Sciences

- 175 Special Lectures In Earth And Planetary Sciences**
See the Guide for details and schedule.
- 179 EAPS Open House And Rock Studies**
Jan 6, 1:30-10 pm, 54-915

Linguistics and Philosophy

- 286 Philosophy Open House**
Wed, Jan 27, 10 am-12 noon, 20D-207
- 287 Lectures In Philosophy**
See the Guide for details and schedule.

Management

- 302 Open House For Students And Alumni**
Mon, Jan 25, 7-9 pm, McCormick Hall, Green living room.
- 303 Management Open Houses**
Mon-Wed, Jan 25-27, 3-5 pm, E51-332
- 304 A Brief Introduction To Law**
See the Guide for details and schedule.

Materials Science and Engineering

- 325 Tour Of The Materials Technology Laboratory, Watertown**
Thurs, Jan 14, 8 am-12:30 pm, depart from 20E-126

Mathematics

- 351 Integration Bee**
Thurs, Jan 14, 1:30 pm, 2-101 (preliminaries),
Tues, Jan 26, 7:30 pm, 34-101 (finals)
- 354 Infinite Series**
Wed, Jan 13, 10 am-12:30 pm, 1:30-3:30 pm, 2-390
A crash course on infinite series for those who will be taking 18.03 in the spring but missed this topic in their AP calculus.
- 368 Hydrodynamic Instability Lab Open House**
Tues, Jan 19, 1-4 pm, 2-033

Mechanical Engineering

- 395 Manufacturing Plant Tours**
Contact Corinna Fu, x5-9678 or Alexe Page, 492-0051, for schedule.
- 397 Frontiers In Mechanical Engineering: IAP Lecture Series**
See the Guide for details and schedule.

Music and Theatre Arts

- 414 Let's Go To The BSO!**
Tues, Jan 12, 7-9 pm, 4-160
- 417 What Makes Music Tick?**
Tues-Thurs, Jan 12-14, 3-5 pm, 20C-108
An introduction to the new Athena Music Cluster.

Nuclear Engineering

- 449 Field Trip To Northfield Mountain Pump Storage Power Plant**
Fri, Jan 22, 9 am-2 pm, NW 12 parking lot.
Preregister by Jan 15.
- 450 Field Trip To Seabrook Nuclear Power Plant**
Thurs, Jan 21, 10 am-2 pm, NW 12 parking lot. Preregister by Jan 15.

Physics

- 500 Tour Of The Nuclear Reactor**
Thurs, Jan 14, 10 am-12 noon, NW 12
- 502 To Neptune And Beyond: The Voyager Mission**
Fri, Jan 8, 1-3:30 pm, 10-250
- 505 Re-Tooling (Or De-Tooling) Freshman Physics: Help Design A New Course**
Tues-Thurs, Jan 19-21, 1 pm, 8-302

Urban Studies and Planning

- 580- Urban Explorations**
584 Thurs, Jan 21
A series of lectures introducing the department, and discussing major themes and current issues in Urban Studies and Planning.
See the Guide for details and schedule.

Writing Program

- 613 Revising A Paper**
Tues, Wed, Jan 5, 6, 1-1:30 pm, 14E-304

Freshman Alternative Programs

Open to all.

- 1100 The Physics Of The Bicycle Wheel: Experimental Laboratory**
Tues-Fri, Jan 5-28, 1-4 pm, 24-611.
Preregister by Dec 18.
- 1101 Reporting Science And Technology: Writing Feature Articles**
Mon-Fri, Jan 5-29. First meeting Jan 5, 3 pm, E40-382. Preregister by Dec 18.
- 1102 Writing Workshop**
Mon-Fri, Jan 11-27, 3-5 pm, 24-619.
Preregister by Jan 8.

Program in Psychology

- 1680 The Who, What, And Where Of Psychology At MIT**
Tues, Jan 19, 9:30-10 am, 2-190.
- 1681 A Psychological Smorgasbord**
Tues, Jan 19, 10-11 am, 2-190
Attendees will choose two out of several half-hour presentations given by faculty.
- 1682 A Tasteful Experience**
Thurs, Jan 14, 1-3 pm, 1-190
A lecture-demonstration with a leading taste researcher from Yale.
- 1683 Psychology: The Explanation Of Everything**
Tues, Jan 19, 11 am-12 noon, 2-190

Science, Technology, and Society

- 1777 Engineers, Scientists, And Public Controversies: A Case Study Of The Challenger Disaster**
Thurs, Jan 7, 1:30-3:30 pm, 4-231

Participate in Independent Activities Period, January 4-27, 1988.
IAP Guides are available in the IAP Office, room 7-103.

opinion

Please awaken me from this liberal nightmare

(Continued from page 5)

in order to continually deliver his platform.

Gary Hart (a.k.a. Gary Hart-pence; age: unknown; marital fidelity: questionable) has solved this problem by going on the lecture circuit. This is where my daydream begins. It seems to me that if a candidate is pursuing such a strategy, anyone paying for one of his political campaign speeches is contributing to his campaign. The absurd part of my dream is that I think I read in Friday's *Tech* that the Lecture Series Committee has done exactly that.

In this (hopefully dreamed) article, I read some things that would be very disturbing if true. These involved the cost of this Gary Hart charade. This brave new experiment into campaigning first required an initial investment from LSC of \$16,000 for the speech.

If this \$16,000 was collected in ticket sales, then my only grievance would be that this student organization was spending its time and using campus facilities to organize a political fund raiser. However, this was sadly not the case. The adoring crowd, with their ironically amusing chant of "do it," paid a scant \$3620 for the privilege of seeing their candidate. This correlates to LSC having spent \$12,380 for Hart's appearance.

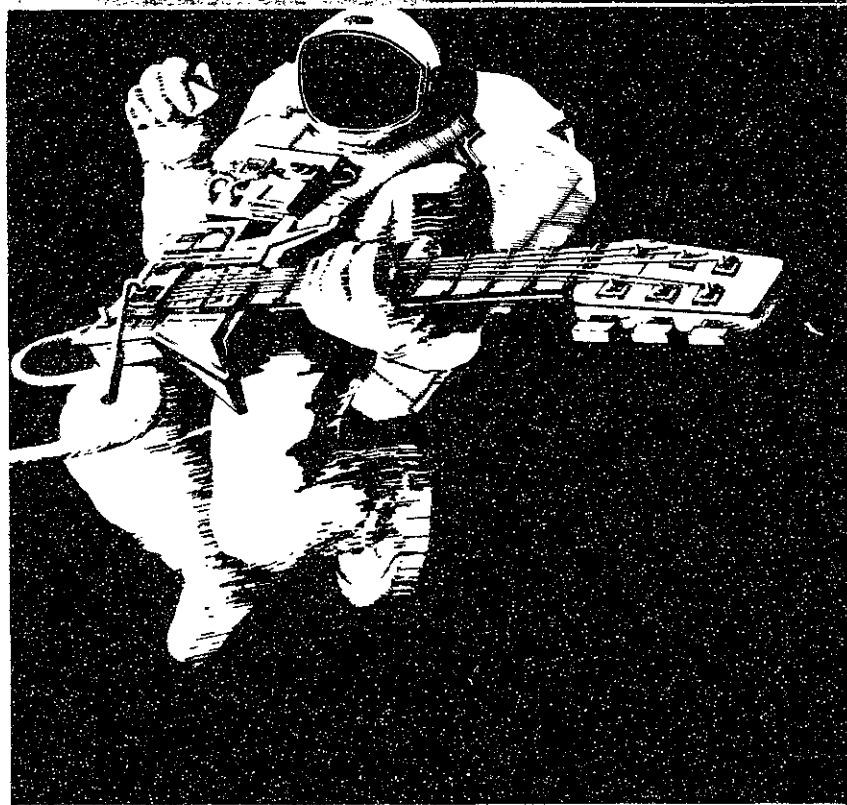
A member of LSC was quoted as saying that they lose money on all lectures that they hold and that most of its money was made back through the weekly movies.

Unfortunately, most invited lecturers were not (or possibly still are) presidential candidates. Everyone who has attended an LSC movie this term may now, by default, count themselves among the ranks of the Gary Hart campaign supporters.

Although I know that I can prove conclusively to myself whether this talk actually ever occurred or not, I am almost afraid to do so — because if it did, it would be such an abridgment of my political rights that I would be forced to demand retribution. LSC does much great work during the term; however, it must not and cannot be allowed to endorse a political candidate and force the students to pay for it. If this nightmare turns out to be reality, I hope that some inquiries are made and the questionable ethics of such actions are brought into focus.

K.J. Saeger, a graduate student in the department of aeronautics and astronautics, is a columnist for The Tech.

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These guides will appear over the next few months.

Note: Please see an important announcement in this issue concerning the Bose Fellowship in Electrical Engineering.

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opinion

Americans cannot give up their responsibility

(Continued from page 4)

to lead us?

Specifically, the private life of a public official should not be the only issue on the political agenda. Otherwise, the judgement of the voters becomes imbalanced and impaired. As voters, we have got to work to balance the issue of personal character with a candidate's past performance and experience in policy-making, and a candidate's stand on the national issues.

* * * *

It's possible that we have lost interest in national issues because we as Americans feel we do not have the power to change national policy. Whether it is in the Persian Gulf, in Central America, or here at home, we, the people of this nation, feel powerless to affect and influence events. We see ourselves as passive bystanders to the course of American history.

By voting for Ronald Reagan in 1980 and 1984, we hoped to find a political leader we could trust, a man who would break down the walls between the people and the government.

But these hopes were dashed when the American people discovered that the president's administration was selling arms to Iran in order to influence its government. The Reagan administration had then funded, without the Congress' knowledge, the *contras*' war in Central America. The president betrayed the people's trust. With one face, he told them he would stand up for America, that he would not negotiate with terrorists. With another face, he sold arms to one of the country's worst enemies. And he did this behind the backs of the American people and our Congress.

Maybe this kind of political secrecy makes us believe we have no input into politics. Finding ourselves excluded from the decision-making process, we've decided to abdicate our responsibility for America's troubles.

We cannot afford to do so. The world is getting smaller day by day. The Persian Gulf may be half a world away, but the blood shed there could profoundly affect Americans' lives — it could one day be the blood of our sons and daughters. In the gulf, the United States today finds itself in a dangerous serve-and-volley with Iran. America responds to Iranian attacks, provoking Iranian reprisals, forcing America to respond in kind. The bloody exchange never seems to end and it could lead to full-fledged war. Then whose problem will the Persian Gulf be?

The fiscal policies our government pursues will also affect the world of our children. The nearly \$3 trillion national debt must be paid by someone. If we refuse to do what is needed to bring it down, the next generation will have to pay. Not only does the federal deficit build up the national debt, it also plays a role in skyrocketing interest rates, making it harder for firms and individuals to invest in equipment, education and research. It will not be easy to bring down the deficit; it will require sacrifice and pain. But if we are not willing to shoulder the responsibility, who will?

Similarly, the poor and homeless are the problem of every American. The nation should not remain oblivious to an underclass that goes hungry and lacks decent housing and education. If

we do nothing today, the ranks of the suffering will increase. The nation's ability to grow will be hindered by expensive welfare programs and the absence of a large skilled labor force. Its future will be plagued by the social problems — drug addiction and crime — that poverty and lack of education foster.

* * * *

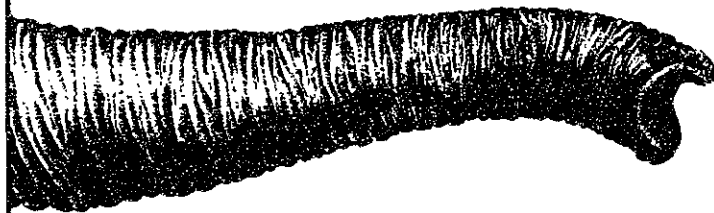
In 1836, Nathaniel Hawthorne wrote a short story in which a church minister veiled his face because he couldn't bear to let others see his weaknesses, his flaws. In doing so, he isolated himself from his loved ones and lived a lonely life. Hawthorne was trying to warn us that the ultimate tragedy of the human condition is the refusal to accept the fact that we are human, that we all have some good and bad in ourselves.

We've got to understand that the men and women who will lead this country are human beings, with personal faults and weaknesses.

But with humanity also comes compassion and the resolve to question the unjust. If we are to look for the personal qualities of our leaders, we must find those men and women who have shown in their political records that they care about all the people of this nation — that they are sincere and that they hold a deep conviction about where the American people should stand in the political process.

Thomas T. Huang, a graduate student in the department of electrical engineering and computer science, is a former editor in chief of The Tech. Niraj S. Desai, a sophomore in physics, is an associate news editor of The Tech.

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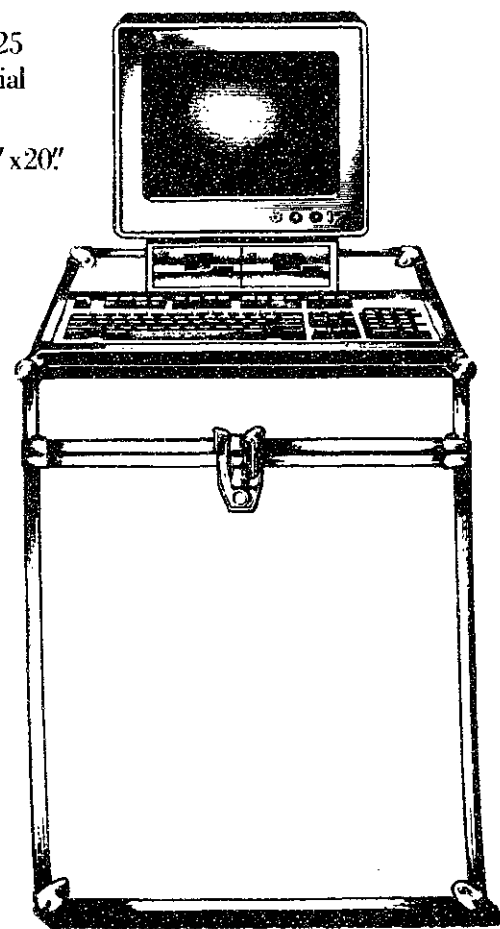
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Rally backing Soviet Jews draws several MIT students

Reporter's Notebook

By Andrew M. Greene
Over a dozen MIT students joined an estimated 250,000 people at "Freedom Sunday," a march and rally for Soviet Jews in Washington, D.C. on Sunday. Rabbi Daniel Shevitz said that sixteen students went with MIT Hillel and others may have gone independently. The march started at 1 pm at the Ellipse and progressed to the Mall where the rally began at 2 pm.

Participants were addressed by Jewish, Catholic and Protestant leaders. A black member of the House of Representatives said that, just as tens of thousands of Jews joined the Civil Rights marches of the 1960's, so too it was "proper and fitting" that he join in this rally. "As long as one Jew is kept against his will in the Soviet Union, we are all Soviet Jews," he said.

The demonstration was peaceful, with only one arrest for disorderly conduct. A parallel demonstration in Moscow involving Jews, Armenians and Russian Orthodox, was broken up by the police there.

Many of the speakers at the Washington rally called for "linkage" between aid to the Soviets and human rights.

One change from May's annual Solidarity Sunday rally in New York City was the call for more rights for the Jews who would rather remain in the Soviet Union. In past rallies, the focus has traditionally been on the *refusniks* who want to leave the Soviet Union.

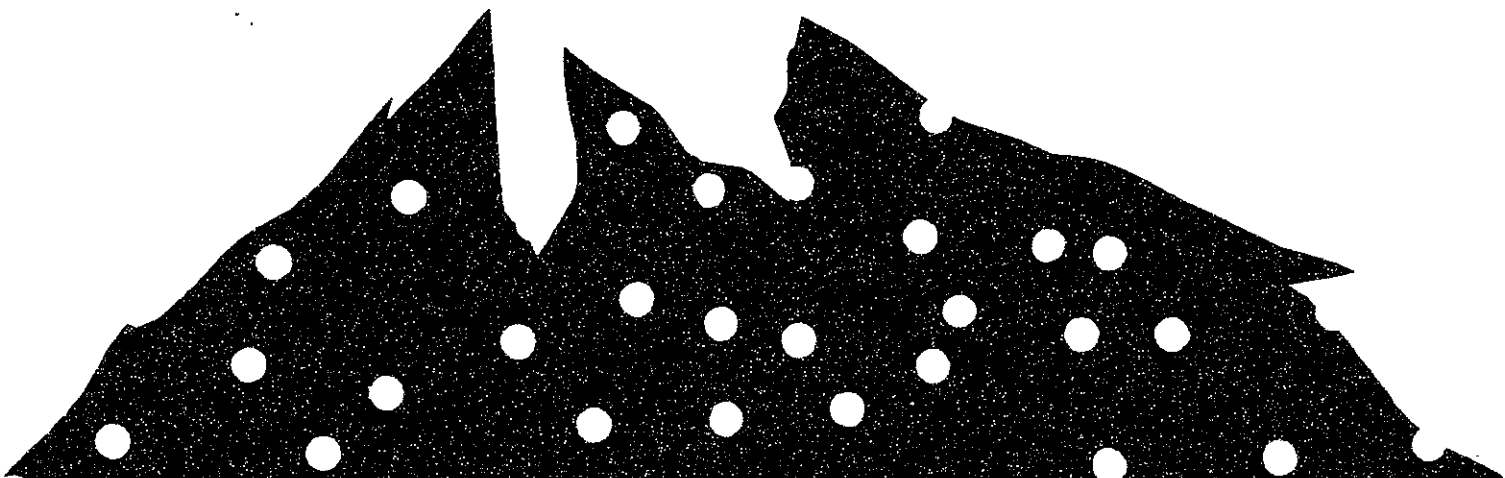
Despite the chilly weather and wind, most people stayed for over two hours at the Mall. As former *refusnik* Natan Shcharansky put it, "We were told that Americans wouldn't come to Washington and stand in the cold for us. But you came, and winter retreated."

The leaders of the rally urged President Reagan to press the human rights issue with General Secretary Gorbachev in the summit this week. Leaders of government, including Vice President George Bush, House speaker Jim Wright (D-TX), and Senate minority leader Bob Dole (R-KS), were all received well by the crowd.

The most striking aspect of the rally was the wide variety of participants. Young and old, Jews and non-Jews, whites, blacks and others were all marching together for a common goal. Parents brought their babies, and strollers seemed more common in this march than the floats in the Macy's parade on Thanksgiving.

There was a definite feeling of unity and of community. As smaller groups broke out in song before the march, many people were heartened to hear familiar melodies being sung by people who live over 3,000 miles away. "It made me feel at home, instead of in a crowd of strangers," said Aimee Yermish '88.

People were packed between the buildings of the Smithsonian. The Capitol stood behind the Diamondvision screen; the Washington Monument at the rear of the crowd made a visual exclamation point. "How lucky we are," said one person, "to live in a country where we have the Constitutionally guaranteed rights to free speech and free assembly. Someday, soon, we hope our brothers and sisters in the Soviet Union will be able to say the same thing, and to join us in the West if they want to." And the crowd chanted, "Mr. Gorbachev, Let Our People Go."



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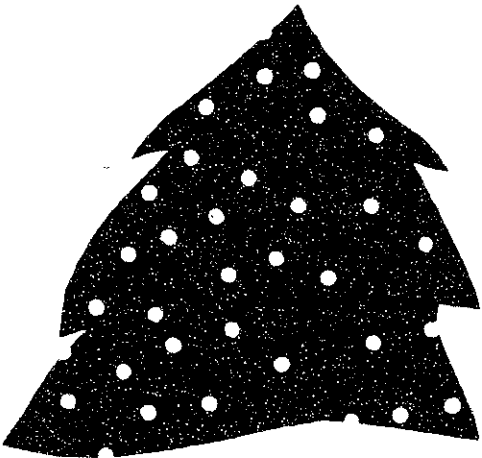
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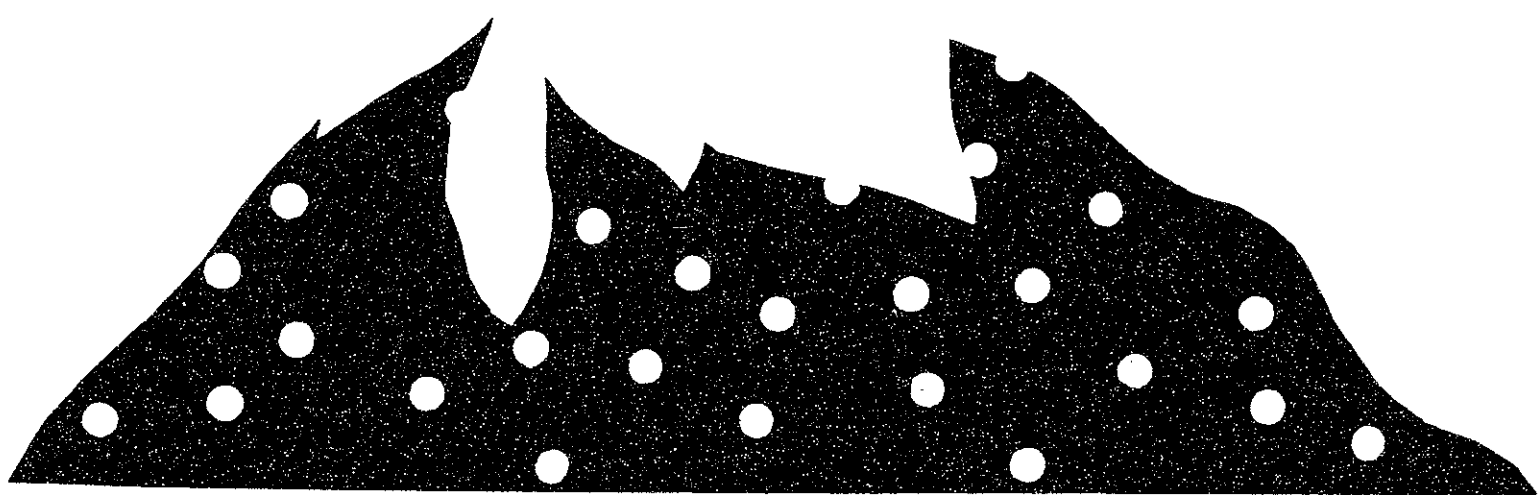
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CP places two MIT students in protective custody

By Thomas T. Huang

The MIT Campus Police placed an MIT freshman and her boyfriend under protective custody somewhere off-campus yesterday after the woman's ex-boyfriend — believed by the police to be unstable — came looking for her at New House, according to a source acquainted with the case.

The police detained the man outside of New House. The police had believed the man to be armed and unstable, based on information given to them by an anonymous phone call. But when they frisked him, no weapon was found.

The source said the man had traveled from his and the freshman's home state to visit her in Cambridge. Campus Police Chief Anne P. Glavin confirmed that the incident developed from a relationship dispute, but she refused further comment.

Blonde, mustached, 6' 3", about 27 years old, and wearing a tan trenchcoat, the man had gained entrance when the New House deskworker let him in through the locked front door. He asked the deskworker where New House Three was. Failing to find the woman student, he left soon afterward, but remained outside.

At about 3 pm, after a half-hour search of the dormitory premises, the police stopped the suspect as he walked down Amherst Alley. The man was brought to the Campus Police station on his own free will and was let go after questioning.

The two MIT students will remain in protective custody for about four days, according to the source.

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ARTS

Ozawa's Elektra production will be landmark for BSO

ELEKTRA

Boston Symphony Orchestra,
Conducted by Seiji Ozawa.
Starring Hildegard Behrens as Elektra
Dress-rehearsal December 7.
Performances December 9 & 12 at 8pm.

By JONATHAN RICHMOND

"TRIFF NOCH EINMALI," "Strike, strike again," comes the blood-curdling cry from Hildegard Behrens, starring in the arresting production of *Elektra* to be performed by the Boston Symphony Orchestra tomorrow and Saturday nights in Symphony Hall.

If last night's dress-rehearsal is a premonition of things to come, the audiences for the actual performances later this week are

in for a rare treat. A stage has been erected in the middle of the orchestra, a stark black structure which concentrates and focuses action which is every bit as gripping as may be found on the world's major opera stages.

Klytemnestra (Christa Ludwig) is dressed in bright red, the color of her blood which is to be spilled. Chrysothemis (Nadine Segunda) is in an innocent but garish pink, the color of her flesh which will survive this plot's denouement. Behrens appears in black, the color of the stage and of her destiny into both of which Elektra is to fall lifeless.

At last night's rehearsal, Behrens displayed a strong, directed voice. Her *crescendi* would surge forth violently, yet in the midst of anguish her words often rang with a harsh but profound beauty. The first word Elektra sings is *allein*, "alone," and Behrens' Elektra was a loner living only to kill her mother (in return for killing her father).

There were revealing passages of tenderness, though. When singing with sister Chrysothemis, with whom Behrens develops a frenzied but at times touching relationship, her voice dissolved fleetingly into an intoxicating lyricism more readily associated with *Der Rosenkavalier*. There was a spark of the erotic too, as Behrens sang of preparing her sister for her husband-to-be.

Behrens will be most remembered, nonetheless, for her most demonic moments, for her viper-spat incitement to murder and for her own larger-than-life dance to her death. Her body spun and twisted with her voice, her presence intensified by the dark backdrop.

Under Ozawa's baton, the tension mounts in waves. Each time destiny strikes, the effect is more powerful.



Hildegard Behrens

Strauss's orchestration is rich, and Ozawa knows how to capture its subtleties. The sound is open, crisp and alive with excitement. His orchestral forces for this production are massive — there is enough tympani alone to keep a major army on the march — but sharply controlled. Bassoons and clarinets generated deliciously wicked tensive undercurrents, continuously exploring the work's darker themes. The brass showed restraint when demanded, but when the time came to lunge, they were red-hot. Strings performed with a precision and alertness that suggests no less than a renaissance for Ozawa and the BSO.

At times Ozawa elicited an almost euphoric lightness from the orchestra. An undeniable longing for understanding and feeling of closeness between Elektra and Chrysothemis was underlined by tremulous strings and fragrant winds. Elektra is an opera dominated by themes of torment, revenge and death, but Ozawa exposed other themes too, making this a production that will long be regarded as a landmark in the orchestra's history.

The concerts are sold-out, but as always the BSO will be selling rush tickets for only \$5.50 at 5pm on Saturday. You are advised to come early, as demand can be expected to be heavy.

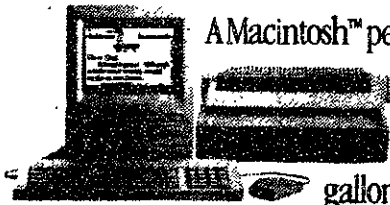


Christa Ludwig

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ARTS

Chorus has rich warm sound and unbounded energy

MIT CHAMBER CHORUS

With soloists Chiny Yue G and Kenneth Goodson '89.

And chamber orchestra.

Conducted by John Oliver.
Killian Hall, December 6.

MIT SYMPHONY ORCHESTRA

With soloist Abbott Ruskin.

Conducted by David Epstein.
Kresge Auditorium, December 5.

By JONATHAN RICHMOND

JOHN OLIVER'S FABULOUS new MIT Chamber Chorus provided the highlight of this weekend's music making at MIT. In hardly any time at all Oliver has spirited up an ensemble of rich, warm sound, discipline and seemingly unbounded energy.

Killian Hall was packed out for Sunday afternoon's concert, and everyone who came was clearly delighted with the challenging and varied program on offer.

Most noteworthy was the performance of Bach's Canata *Nun danket alle Gott*, BWV 192. The chorus, full-bodied and attractive of tone, showed a fine balance between its different voices, flexibility and enthusiastic expressiveness to boot. The two soloists in the second verse — Chiny Yue G and Kenneth Goodson '89 — were particularly notable, Yue for her glowing, polished soprano line, Goodson for his phrasing and projection. They sounded very good together.

As if these were not treats enough, Oliver had rounded up a splendid chamber orchestra to provide additional pleasure. The passing of melody from flutes to oboes during the first verse was charming, the oboes seemingly trying to assert their authority while chased by flighty flutes. The interaction made the music smile. The violinists were vivacious, and cellist Sam Osofsky '88 supplied a bubbling bass line with a nice touch of humor.

Fünf Lieder, Op. 104 by Brahms was also on offer during the first half. The songs were evocatively performed; I particularly liked the descriptive coloration during the



The MIT Symphony Orchestra

third song, *Letztes Gluck*, the lilting rhythm of the second, *Nachtwache* and the feeling of restless movement during the fourth, *Verlorne Fohnd*.

The second half of the concert opened with a change of pace. The chorus was quite up to providing the pleasing polyphony the three works of Josquin demanded. Six songs by Hindemith were also given

successful readings, and the afternoon ended with vigorous performances of three songs by Bacon. *John Hardy* had a biting, almost desperate edge, *Colorado Trail* came across soft and soulful, *Shouting Pilgrim* was adrenal, firm, the battle cry of a talented new MIT performing ensemble that has clearly set themselves firmly on a winning track.

MIT IS BLESSED with a Symphony Orchestra that can work wonders at times, but last Saturday night they were not consistently in top form. The ensemble was at its best during the final work, Anton Rubinstein's *Piano Concerto No. 4*, with Abbott Ruskin, soloist.

(Please turn to page 18)

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ARTS

Ongoing Theater

Cherry, the world premiere of the vaudeville-inspired musical, continues indefinitely at Nucleo Eclettico, 216 Hanover Street, Boston. Performances are Thurs-Sat at 8 pm. Tickets: \$10 advance/\$12 at the door. Telephone: 367-8056.

A Child's Christmas in Wales, Dylan Thomas' warm remembrance of his childhood, continues through December 23 at the Lyric Stage, 54 Charles Street, Boston. Performances are Wed-Fri at 8 pm, Sat at 5 pm and 8 pm, and Sun at 3 pm. Tickets: \$10 to \$15. Telephone: 742-1790.

A Christmas Carol, adapted from Charles Dickens by the New Ehrlich Company, continues through December 23 at the New Ehrlich Theatre, 539 Tremont Street, Boston. Performances are Tues-Fri at 8 pm, Sat at 5 pm and 8 pm, and Sun at 2 pm. Tickets: \$8 to \$15. Telephone: 482-6316.

Contemporary Insanity, a collection of satirical songs and sketches portraying a sophisticated and offbeat look at modern life, continues at the Boston Baked Theatre, 255 Elm Street, Davis Square in Somerville. Performances are Thurs at 8 pm, and Fri-Sat at 8 pm and 10:30 pm. Tickets: \$8 Thurs, \$9.50 Fri-Sat. Telephone: 628-9575.

Forbidden Broadway 1987, the musical comedy revue with parodies of various famous personalities, continues indefinitely at the Boston Park Plaza Hotel Terrace Room, Park Square. Performances are Tues-Fri at 8 pm, Sat at 7 and 10 pm, Sun at 3 and 6 pm. Tickets: \$15 to \$21.50. Telephone: 357-8384.

Gillette, William Hauptman's play about the adventures of two drifters who arrive in the modern-day boom town of Gillette, continues through January 22 at the American Repertory Theatre, Loeb Drama Center, 64 Brattle Street, Cambridge. Performances are Tues-Fri at 8 pm, Sat at 2 pm and 8 pm, and Sun at 2 pm and 7 pm. Tickets: \$13 to \$26. Telephone: 547-8300.

Harpies Bizarre, Lydia Sargent's feminist satire, continues through December 19 at the Newbury Street Theatre, 565 Boylston Street in Copely Square. Performances are Thurs-Sat at 8 pm. Tickets: \$4 Thursdays, \$6 Fridays and Saturdays. Telephone: 262-7779.

Loot, Joe Orton's hilarious parody of the stereotype of the British master detective, continues through December 12 at the Alley Theatre, 1253 Cambridge Street, Cambridge. Performances are Thurs-Sun at 8 pm. Tickets: \$12 general, \$10 seniors and students. Telephone: 491-8166.

Nonsense, the heavenly musical comedy that features five singing, dancing, romping nuns, continues through January 3 at the Charles Playhouse, 74 Warrenton Street, Boston. Performances are Tues-Fri at 8 pm, Sat at 6 pm and 9 pm, with Thur and Sun matinees at 2 pm and 3 pm respectively. Tickets: \$15.50 to \$26.50. Telephone: 426-6912.

On The Town

Compiled by Peter Dunn

Over Nothing At All, Nathalie Sarraute's play probing the hidden world of sensation and reflex, presented by Theatre S., continues through December 19 at St. Peter's Church, 838 Massachusetts Avenue, Cambridge. Tickets: \$10 general, \$6.50 students. Telephone: 625-6087.

Shear Madness, the long-running comic murder mystery, continues indefinitely at the Charles Playhouse, 74 Warrenton Street, Boston. Performances are Tues-Fri at 8 pm, Sat at 6:30 and 9:30 pm, Sun at 3 and 7:30 pm. Tickets: \$16 and \$19. Telephone: 426-6912.

The Winter's Tale, William Shakespeare's moving portrayal of King Leontes of Sicilia, continues through December 20 as a presentation of the Huntington Theatre Company at the Boston University Theatre, 264 Huntington Avenue, Boston. Tickets: \$12 to \$27. Tel: 266-3913.

Ongoing Dance

CRITIC'S CHOICE ★ ★ ★ **The Nutcracker**, presented by Boston Ballet, continues through January 3 at the Wang Center for the Performing Arts, 270 Tremont Street, in the heart of Boston's theater district. Tickets: \$14 to \$37. Tel: 787-8000.

Ongoing Exhibits

ON CAMPUS

Thomas Edison: After the Electric Light, photographs illustrating Edison's work and enterprises after he invented the electric light, continues through December 24 at the Compton Gallery of the MIT Museum, just off the infinite corridor between lobbies 10 & 13. Gallery hours are weekdays 9-5. No admission charge. Telephone: 253-4444.

Walter Poon, Evelyn Hui, and Xiang Ming Zeng, photographs and paintings in modern and traditional styles by Chinese artists, continues through January 2 at the MIT Museum Building, 265 Massachusetts Avenue, Cambridge. Gallery hours are Tues-Fri 9-5 and Sat-Sun 12-4. Admission: \$2 requested donation. Telephone: 253-4444.

Puzzles Old and New, the largest and most diverse collection of puzzles ever assembled for public exhibition, continues through January 3 at the MIT Museum Building, 265 Massachusetts Avenue, Cambridge. Gallery hours are Tues-Fri 9-5 and Sat-Sun 12-4. Admission: \$2 requested donation. Telephone: 253-4444.

1986 Wildlife Photography Exhibition, 50 prize-winning photographs from international competition, continues through January 30 at the MIT Museum, 265 Massachusetts Avenue (NS2-2nd floor). Gallery hours are Tues-Fri 9-5, Sat-Sun 12-4. No admission charge. Telephone: 253-4444.

OFF CAMPUS

Napoleon in the Eyes of his Contemporaries, prints from France, Great Britain, and the German and Italian states of his time, continues through December at Boston University's Mugar Memorial Library, Department of Special Collections, 771 Commonwealth Avenue, Boston. Gallery hours are Mon-Thurs 8 am-11 pm, Fri-Sat 8 am-5 pm, and Sun 10 am-11 pm. No admission charge. Telephone: 353-2134.

Carved in Marble: American Sculpture, 1830-1880, an exhibition of works in marble by the first Americans to study in Italy and pursue professional careers as sculptors, continues through December at the Museum of Fine Arts, 465 Huntington Avenue, Boston. Tel: 267-9300.

The Dot Project: Paintings by member and students of Kaji Aso Studio, continues through December 8 at Kaji Aso Studio, 40 St. Stephen Street, Boston. No admission charge. Telephone: 247-1719.

Illusion In Art: Description/Perception/Deception, an exhibition examining late 20th century premises of illusionism, continues through December 13 at the Boston University Art Gallery, 855 Commonwealth Avenue, Boston. Gallery hours are Mon-Fri 10-4, Fri 7-9, and Sat-Sun 1-5. Telephone: 353-3345.

CRITIC'S CHOICE ★ ★ ★ **Gauguin and His Circle in Brittany: The Prints of the Post-Aven School**, a collection of rare prints by a number of prominent nineteenth-century French artists of the Post-Aven Circle, continues through December 13 at the Museum of Fine Arts, 465 Huntington Avenue, Boston. Tel: 267-9300.

Currents: Edgar Heap of Birds, pastel drawings of words executed in an expressive manner and several abstract paintings, continues through January 17 at the Institute of Contemporary Art, 955 Boylston Street, Boston. Also continuing through January 17, **Cindy Sherman**, a photography exhibit exploring the issues of image and personality and how a viewer perceives each. Gallery hours are Wed-Sun 11-5 and Thurs-Fri until 8 pm. Admission: \$3.50 general, \$2 students, \$1 seniors and children, free on Fridays after 5 pm. Telephone: 266-5152.

Art in the Computer Age, demonstrating the role of instant photography in the future of imaging through an overview of recent advances in computer-generated work, continues through December 19 at the Clarence Kennedy Gallery, 770 Main Street, Cambridge. Gallery hours are Tues-Sat 11-5. No admission charge. Telephone: 577-5177.

Charles Sheeler: Paintings, Drawings, Photographs, featuring works spanning Sheeler's nearly 50-year career and exploring his remarkable versatility and originality, continues through January 3 at the Museum of Fine Arts, 465 Huntington Avenue, Boston. Tel: 267-9300.

E11/Celebration + Commitment, an exhibition of work by the photography faculty of the Art Institute of Boston, continues through December 31 at the Federal Reserve Bank of Boston Gallery, 600 Atlantic Avenue, across from South Station in downtown Boston. Gallery hours are Mon-Fri 10-4. Telephone: 973-3454 or 973-3368.

CRITIC'S CHOICE ★ ★ ★ **Andrew Wyeth: The Helga Pictures** — the controversial exhibition of 140 sketches, drawings, and paintings executed between 1971 and 1985 of Wyeth's neighbor, Helga Testorf — continues through January 3 at the Museum of Fine Arts, 465 Huntington Avenue, Boston. Tel: 267-9300.

Ellsworth Kelly: Works on Paper and Ellsworth Kelly: Seven Paintings continue through January 31 at the Museum of Fine Arts, 465 Huntington Avenue, Boston. Telephone: 267-9300.

Tribal Traditions of Kenya, a multimedia exhibit highlighting the infinite cultural variety of this East African country, continues through February 28 at the Museum of Science Stearns Gallery, Science Park, Boston. Telephone: 589-0250 or 589-0253.

Tuesday, Dec. 8

CLASSICAL MUSIC
The MIT Chamber Music Society performs works by Kuhlau, Debussy, Prokofiev, and others at 8 pm in Kilian Hall, Building 14. Also presented December 9. No admission charge. Tel: 253-2906.

The Mellors Quartet performs works by Haydn, Webern, and Brahms at 8 pm in the Edward Pickman Concert Hall, Longy School of Music, corner of Follen and Garden Streets, Cambridge. Tickets: \$10 general, \$7 seniors and students. Telephone: 876-0956.

DANCE

CRITIC'S CHOICE ★ ★ ★ **The National Dance Company of Senegal**, presented by Dance Umbrella, performs at 8 pm at The Strand Theatre, 543 Columbia Road, Dorchester. Also presented December 12. Tickets: \$13.50 and \$16.50, \$11 and \$14 Dance Umbrella members. Telephone: 492-7578.

FILM & VIDEO
The Somerville Theatre continues its series **Murder by Hitchcock** with **The Man Who Knew Too Much** (1936), starring Peter Lorre, at 6:15 & 9:30 and **The Lady Vanishes** (1938) at 7:45. Also presented December 9. Located at 55 Davis Square in Somerville, just by the Davis Square T-stop on the red line. Telephone: 625-1081.

The Harvard Film Archive continues its Tuesday film series **Great Directors** with Ingmar Bergman's **Smiles of a Summer Night** (1955) at 5:30 and 8 pm. Located at the Carpenter Center for the Visual Arts, 24 Quincy Street in Harvard Square. Tickets: \$3. Tel: 495-4700.

The Brattle Theatre continues its Tuesday series **Independent Filmmakers Showcase** with **1975** (1987, Johan van der Keuken) at 5 pm and 8 pm. Located at 40 Brattle Street in Harvard Square. Tickets: \$5. Telephone: 876-6837.

POPULAR MUSIC

Pablo Moses, with special guests **The New Generation Band**, performs at the Channel, 25 Necco Street, near South Station in downtown Boston. Tickets: \$6.50 advance/\$7.50 at the door. Telephone: 451-1905.

Luca, Native Sons, and **Evangelists** perform at T.T. the Bear's, 10 Brookline Street, Cambridge. Telephone: 492-0082.

Oliver de Coque and his 12-piece African All Stars perform at 9 pm at Nightstage, 823 Main Street, Cambridge. Tickets: \$8. Telephone: 497-8200.

Wednesday, Dec. 9

POPULAR MUSIC
Anthrax, with guests **Celtic Frost** and **Exodus**, perform at the Orpheum Theatre. Tickets: \$15. Telephone: 492-1900 or 787-8000.

Fetchin' Bones and **Shake the Faith** perform at Axis, 13 Lansdowne Street, just across from the entrance to the bleachers at Fenway Park. Telephone: 262-2437.

Picasso Jones, After Life, and **Explosion** perform at T.T. the Bear's, 10 Brookline Street, Cambridge. Telephone: 492-0082.

Terrance Simien and the Mallet Playboys perform at 9 pm at Nightstage, 823 Main Street, Cambridge. Tickets: \$8. Telephone: 497-8200.

CLASSICAL MUSIC

The Boston Symphony Orchestra, with soprano Hildegard Behrens, presents semi-staged performances of Richard Strauss's **"Elektra"** at 8 pm in Symphony Hall, corner of Huntington and Massachusetts Avenues. Also presented December 12. Tickets: \$15.50 to \$41. Telephone: 266-1492.

The Boston Conservatory Wind Ensemble performs works by Stravinsky, Grainger, Milhaud, and Gould at 8 pm in Seely Hall, 8 The Fenway, Boston. No admission charge. Telephone: 536-6340.

FILM & VIDEO

The Brattle Theatre continues its Wednesday series **Films by the Score** with a Sergei Eisenstein double bill, **Alexander Nevsky** (1938) at 3:45 & 7:40 and **Ivan the Terrible, Part I** (1944) at 5:45 & 9:40. Located at 40 Brattle Street in Harvard Square. Tickets: \$4.75 (good for the double feature). Telephone: 876-6837.

The Institute of Contemporary Art presents **Twenty Years Later** (Eduardo Coutinho) at 7:30 pm. Continues through December 13. Located at 955 Boylston Street, Boston. Tickets: \$4.50 general, \$3.50 ICA members, seniors, and students. Telephone: 266-5152.

The Harvard Film Archive continues its Wednesday film series **Classics with Vittorio de Sica's Sciuscià (Shoeshine, 1946)** at 5:30 & 8 pm. The HFA also continues its Wednesday series **Non-Fiction Film** with **Waiting for Fidel** (1974, Michael Rubbo) and **Jean-Luc Godard's Tel el el-kous (Here and Elsewhere, 1976)** at 5:30 & 8 pm in Room B04. Located at the Carpenter Center for the Visual Arts, 24 Quincy Street in Harvard Square. Tickets: \$3. Telephone: 495-4700.

EXHIBITS

Italian Renaissance Maiolica from the William A. Clark Collection opens today at the Museum of Fine Arts, 465 Huntington Avenue, Boston. Continues through February 6. Tel: 267-9300.

LECTURES

CRITIC'S CHOICE ★ ★ ★ **Steve Reich**, composer, discusses his ideas in a lecture illustrated with taped musical excerpts, at 8 pm in Remis Auditorium, Museum of Fine Arts, 465 Huntington Avenue, Boston. Tickets: \$7.50 general, \$6.50 MFA members, seniors, and students. Telephone: 267-9300 ext. 306.

Thursday, Dec. 10

DANCE
Eva Dean Dance Company presents **Untidy Packages** at 8 pm at Mobius, 354 Congress Street, Boston. Continues through December 13. Tickets: \$7. Telephone: 542-7416.

FILM & VIDEO

The MIT Lecture Series Committee presents **Lethal Weapon**, starring Mel Gibson and Danny Glover, at 7 pm and 10 pm in Kresge. Admission: \$1.50. Telephone: 225-9179.

The Somerville Theatre presents **The Terminator** (1984) at 6 pm & 10 pm and **Robocop** (1987) at 8 pm. Located at 55 Davis Square in Somerville, just by the Davis Square T-stop on the red line. Telephone: 625-1081.

The Harvard-Epworth Church presents **Michelangelo Antonioni's Il Grido (The Cry, 1957)** at 8 pm. Located at 1555 Massachusetts Avenue, just north of Harvard Square. Admission: \$2 contribution. Telephone: 354-0837.

The Brattle Theatre continues its Thursday series **World Cinema: France** with **The Horse of Pride** (1980, Claude Chabrol) at 3:30 & 7:40 and **Harvest** (1937, Marcel Pagnol) at 5:40 & 9:50. Located at 40 Brattle Street in Harvard Square. Tickets: \$4.75 (good for the double feature). Telephone: 876-6837.

The Harvard Film Archive begins its series **Films by Jean-Pierre Lefebvre** with **Les dernières fiançailles (The Last Betrothal, 1973)**, with the director attending the screening, at 8 pm. Located at the Carpenter Center for the Visual Arts, 24 Quincy Street in Harvard Square. Tickets: \$3. Telephone: 495-4700.

The Museum of Fine Arts continues its film series **A Woman's Vision: Six by Hungarian Director Maria Messáros** with **Adoption** (1975) at 5:30 pm and **Nine Months** (1976) at 8 pm. Presented in the MFA's Remis Auditorium, 465 Huntington Avenue, Boston. Tickets: \$3.50 general, \$3 MFA members, seniors, and students. Telephone: 267-9300.

The Boston Film/Video Foundation presents **Cooperation of Parts, Displaced Person** (16mm film, Dan Eisenberg) at 8 pm. Also presented December 11. Located at 1126 Boylston Street, Boston. Tickets: \$5/\$4. Telephone: 536-1540.



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ARTS

On The Town

Compiled by Peter Dunn

POPULAR MUSIC

Molly Hatchet, with St. John and Union Flag, performs at the Channel, 25 Necco Street, near South Station in downtown Boston. Tickets: \$6.50 advance/\$7.50 at the door. Tel: 451-1905.

Roomful of Blues and The Great Divide perform at the Paradise, 967 Commonwealth Avenue, Boston. Tel: 254-2052.

Cave Dogs, Rash of Stabbings, What Now, and Masturbars perform at the Rat, 528 Commonwealth Avenue in Kenmore Square. Telephone: 536-9438.

A Scanner Darkly, Bell People, and Think Tree perform at T.T. the Bear's, 10 Brookline Street, Cambridge. Telephone: 492-0082.

Jim Carroll, with special guest Danny Mydack, performs at Axis, 13 Lansdowne Street, just across from the entrance to the bleachers at Fenway Park. Telephone: 262-2437.

Livingston Taylor performs at 7:30 and 10 pm at Nightstage, 823 Main Street, Cambridge. Tickets: \$10. Telephone: 497-8200.

CLASSICAL MUSIC

The MIT Chamber Music Society presents vocal and instrumental works at 5 pm in Killian Hall, Building 14. No admission charge. Telephone: 253-2906.

Callope Consort performs as part of the MIT Chapel Noon Hour series at 12:05 in the MIT Chapel. No admission charge. Telephone: 253-2906.

*** CRITIC'S CHOICE ***

The Handel and Haydn Society presents Handel's *Messiah* at 7:30 pm in Symphony Hall, corner of Huntington and Massachusetts Avenues, Boston. Also presented December 13. Tickets: \$12 to \$32. Tel: 266-3605.

The Boston String Quartet performs quartets by Haydn, Beethoven, and Evan Hurler at 12:30 in the Federal Reserve Bank of Boston's auditorium, 600 Atlantic Avenue, across from South Station in downtown Boston. No admission charge. Telephone: 973-3454 or 973-3368.

New England Conservatory Chorus presents Johann Sebastian Bach's *Mass in b minor* at 8 pm in Jordan Hall, New England Conservatory, 30 Gainsborough Street, Boston. Tickets: \$5 general, \$3 seniors and students.

Friday, Dec. 11

THEATER

The Festival of Light and Song, a unique blend of music, dance, theater, humor, and audience participation, is presented at 8 pm in Tremont Temple, 88 Tremont Street, Boston. Also presented December 12 at 3 pm and 8 pm. Telephone: 861-0649.

DANCE

*** CRITIC'S CHOICE *** Nancy Compton Dance Theatre, presented by Dance Umbrella, performs *Cities and other dances* at 8 pm in Tower Auditorium, Massachusetts College of Art, 625 Huntington Avenue, Boston. Tickets: \$10 general, \$8.50 Dance Umbrella members, \$5 with MCA student ID. Telephone: 491-7377.

Caitlin Corbett Dance Company, presented by Mobius, performs at 8 pm in Longwood Theater, Longwood and Brookline Avenues, Boston. Tickets: \$7 general, free with Mass. College of Art ID. Telephone: 491-4503.

The Boston Conservatory Dance Division presents students' original choreographies at 8 pm in the Boston Conservatory Theater, 31 Hemenway Street, Boston. Also presented December 12. No admission charge. Tel: 536-6340.

CLASSICAL MUSIC

The MIT Chamber Music Society presents Tchaikovsky's *Piano Trio in A* at 8 pm in Killian Hall, Building 14. No admission charge. Telephone: 253-2906.

Boston University Opera Theatre presents *Christmas Eve and Christmas Day*, one-act operas, at 8 pm in the BU Concert Hall, 855 Commonwealth Avenue, Boston. Also presented December 12. No admission charge. Tel: 353-3345.

The Boston Symphony Orchestra performs works by Brahms and Stravinsky at 8 pm in Symphony Hall, corner of Huntington and Massachusetts Avenues, Boston. Also presented December 15. Tickets: \$15.50 to \$41. Tel: 266-1492.

Banchetto Musicale performs Handel's *Messiah* at 8 pm in Jordan Hall, New England Conservatory, 30 Gainsborough Street, Boston. Also presented December 12. Tickets: \$9, \$14, and \$17. Telephone: 965-0165.

POPULAR MUSIC

*** CRITIC'S CHOICE *** James Taylor performs at 8 pm at the Colonial Theatre, 106 Boylston Street, Boston. Also presented December 12. Tickets: \$25, \$50, \$75, and \$100. Telephone: 426-9366.

Yas performs at the Worcester Centrum. Tickets: \$15 and \$17.50. Telephone: 492-1900 or 787-8000.

*** CRITIC'S CHOICE *** Scruffy the Cat and the Condo Pygmies perform at the Paradise, 967 Commonwealth Avenue, Boston. Telephone: 254-2052.

*** CRITIC'S CHOICE *** Butthole Surfers, with Volcano Suns and The Bags, perform at the Channel, 25 Necco Street, near South Station in downtown Boston. Tickets: \$7.50 advance/\$8.50 at the door. Telephone: 451-1905.

Rick Berlin — The Movie, Water World, and Clayface perform at T.T. the Bear's, 10 Brookline Street, Cambridge. Telephone: 492-0082.

Matweeds, Lorry Doll and the Wild Ones, Naked Apes, and Big Train perform at the Rat, 528 Commonwealth Avenue in Kenmore Square. Telephone: 536-9438.

David Frishberg, Sammy Price, and Doc Cheatham perform at 8:00 and 10:30 at Nightstage, 823 Main Street, Cambridge. Also presented December 12. Tickets: \$10. Telephone: 497-8200.

FILM & VIDEO

The MIT Lecture Series Committee presents *Dragonet*, starring Dan Aykroyd and Tom Hanks, at 7 pm and 10 pm in 26-100. Admission: \$1.50. Tel: 225-9179.

The Somerville Theatre presents *Pretty Baby* (1978) at 2 pm, 6 pm, and 10 pm and *Devil in the Flesh* at 4 pm and 8 pm. Located at 55 Davis Square in Somerville, just by the Davis Square T-stop on the red line. Telephone: 625-1081.

The Brattle Theatre presents *Sudden Fear* (1952, David Miller) at 3:45 & 7:50 and *Another Man's Poison* (1952, Irving Rapper) at 5:55 & 10:00. Also presented December 12. Located at 40 Brattle Street in Harvard Square. Tickets: \$4.75 (good for the double feature). Telephone: 876-6837.

The French Library continues its Animation Festival — Part Two at 8 pm. Also presented December 12 and 13. Located at 53 Marlborough Street, Boston. Admission: \$3.50 general, \$2.50 members. Telephone: 266-4351.

The Museum of Fine Arts continues its film series *Japan and World War II: Now and Then* with *Soldiers at the Front* (Fumio Kamei, 1939) at 5:30 pm and *Airplane Drone* (Tomotaka Tasaka, 1939) at 8 pm. Presented in the MFA's Remis Auditorium, 465 Huntington Avenue, Boston. Tickets: \$3.50 general, \$3 MFA members, seniors, and students. Telephone: 267-9300.

The Harvard Film Archive continues its series *Films by Jean-Pierre Lefebvre* with *Au rythme de mon coeur* (To The Rhythm of My Heart, 1981-84) at 7 pm and *Les Neurs sauvages* (Wildflowers, 1982) at 9 pm. *Au rythme*... is also presented December 12 at 9 pm. Located at the Carpenter Center for the Visual Arts, 24 Quincy Street in Harvard Square. Tickets: \$3. Telephone: 495-4700.

Saturday, Dec. 12

POPULAR MUSIC

*** CRITIC'S CHOICE *** B.B. King performs at the Berklee Performance Center, 136 Massachusetts Avenue, Boston. Tickets: \$16.50. Telephone: 720-3434 or 497-1118.

Nervous Eaters, with guests The Bristol, perform at the Channel, 25 Necco Street, near South Station in downtown Boston. Tickets: \$3.50. Telephone: 451-1905.

Chain Link Fence, Deep 6, Luddites, and 13 Engines perform at the Rat, 528 Commonwealth Avenue in Kenmore Square. Telephone: 536-9438.

Swimming Pool Q's, The Squalls, and Tall Paul perform at T.T. the Bear's, 10 Brookline Street, Cambridge. Telephone: 492-0082.

CLASSICAL MUSIC

Joan La Barbara, voice, performs as part of the *Composers in Recital Series* at 8 pm in the Elizabeth Killian Hall, Hayden Library Building. Tickets: \$8 general, \$4 MIT students. Tel: 253-2906.

The MIT Concert Band performs at 8 pm in Kresge Auditorium. No admission charge. Telephone: 253-2906.

Quadrivium presents *Arise and Wake* at 8 pm in St. James's Episcopal Church, 191 Massachusetts Avenue, Cambridge. Admission: \$6 suggested donation. Telephone: 923-1424.

FILM & VIDEO

The MIT Lecture Series Committee presents *Masters of the Universe*, starring Dolph Lundgren, at 7 pm and 10 pm in 26-100. Admission: \$1.50. Telephone: 225-9179.

The Somerville Theatre presents *Wish You Were Here* (1987) at 3:00, 6:15, & 9:45 and *East The Beach* (1987) at 4:30 & 8:00. Located at 55 Davis Square in Somerville, just by the Davis Square T-stop on the red line. Tel: 625-1081.

Sunday, Dec. 13

POPULAR MUSIC

Right Time and Bin Skala Bin perform at 9 pm at Nightstage, 823 Main Street, Cambridge. Tickets: \$5. Tel: 497-8200.

Buzz & The Gang, Bullet Lavolta, Eels, and Anastasia Screamed perform at the Rat, 528 Commonwealth Avenue in Kenmore Square. Telephone: 536-9438.

The Reivers perform at T.T. the Bear's, 10 Brookline Street, Cambridge. Telephone: 492-0082.

CLASSICAL MUSIC

The MIT Women's Chorus performs a holiday concert at 3 pm in Room 10-250. No admission charge. Telephone: 253-2906 or 253-ARTS.

Pro Arte Chamber Orchestra performs Haydn's *The Creation* at 3 pm in Sanders Theater, Harvard University, Cambridge. Tickets: \$6 to \$15. Telephone: 661-7067.

Fromm Music presents *A Tribute to Maurice Ravel* at 8 pm in Sanders Theater, Harvard University, Cambridge. No admission charge. Telephone: 495-2791.

FILM & VIDEO

The Somerville Theatre continues its film series *Murder by Hitchcock* with *Murder* (1930) at 5:30 & 9:45 and *Rebecca* (1940), starring Laurence Olivier and Joan Fontaine, at 7:30. Also presented December 14. Located at 55 Davis Square in Somerville, just by the Davis Square T-stop on the red line. Telephone: 625-1081.

*** CRITIC'S CHOICE *** The Harvard-Epworth Church presents *Wise Blood* (1979, John Huston) at 8 pm. Located at 1555 Massachusetts Avenue, just north of Harvard Square. Admission: \$2 contribution. Telephone: 434-0837.

The Brattle Theatre continues its Sunday film series *Vintage Hollywood* with *Humoresque* (1947, Jean Negulesco) at 3:05 & 7:40 and *New Voyager* (1942, Irving Rapper) at 1:00, 5:25, & 9:50. Located at 40 Brattle Street in Harvard Square. Tickets: \$4.75 (good for the double feature). Telephone: 876-6837.

The Harvard Film Archive continues its series *Women in Cinema* with Jean-Luc Godard's *2 ou 3 choses que je sais d'elle* (2 or 3 Things I Know About Her, 1966) at 7 pm. Located at the Carpenter Center for the Visual Arts, 24 Quincy Street in Harvard Square. Tickets: \$3. Telephone: 495-4700.

Monday, Dec. 14

POPULAR MUSIC

*** CRITIC'S CHOICE *** Ladysmith Black Mambazo performs at 8 pm in Symphony Hall, corner of Huntington and Massachusetts Avenues, Boston. Tickets: \$15 and \$17.50. Telephone: 787-8000.

CLASSICAL MUSIC

The MIT Chamber Music Society presents duets and solos by Schubert, Schumann, Mozart, Berlioz, Purcell, and Gounod at 5 pm in Killian Hall, Building 14. No admission charge. Telephone: 253-2906.

Collage performs works by Boston composers at 8 pm at the Longy School of Music, Follen and Garden Streets, Cambridge. Telephone: 437-0231.

The Boston Conservatory Festival Chorus and Orchestra performs Mozart's *Coronation Mass* and Poulenc's *Gloria* at 8 pm in St. Cecilia's Church, corner of Belvidere and St. Cecilia Streets, Boston. No admission charge. Telephone: 536-6340.

FILM & VIDEO

The Brattle Theatre continues its Monday series *Film Noir* with *Notorious* (1946, Alfred Hitchcock) at 3:45 & 7:40 and *Autumn Leaves* (1956, Robert Aldrich) at 5:40 & 9:35. Located at 40 Brattle Street in Harvard Square. Tickets: \$4.75 (good for the double feature). Telephone: 876-6837.

The Harvard Film Archive continues its Monday film series *Great Directors* with Eric Rohmer's *The Marquise of O* (1972) at 5:30 and 8:00. Located at the Carpenter Center for the Visual Arts, 24 Quincy Street in Harvard Square. Tickets: \$3. Telephone: 495-4700.

Tuesday, Dec. 15

POPULAR MUSIC

Kiss, with special guests Ted Nugent, performs at the Worcester Centrum. Tickets: \$16.50. Telephone: 1-800-682-8080 or 787-8000.

Queen Ida and the Bon Temps Zydeco Band and Lucky 7 perform at 7:30 and 10 pm at Nightstage, 823 Main Street, Cambridge. Tickets: \$10. Telephone: 497-8200.

FILM & VIDEO

The Somerville Theatre presents *The Mystery of Picasso* (1955) at 5:30 & 9:30 and *Matter of Heart* (1976) at 7:30. Also presented December 16. Located at 55 Davis Square in Somerville, just by the Davis Square T-stop on the red line. Telephone: 625-1081.

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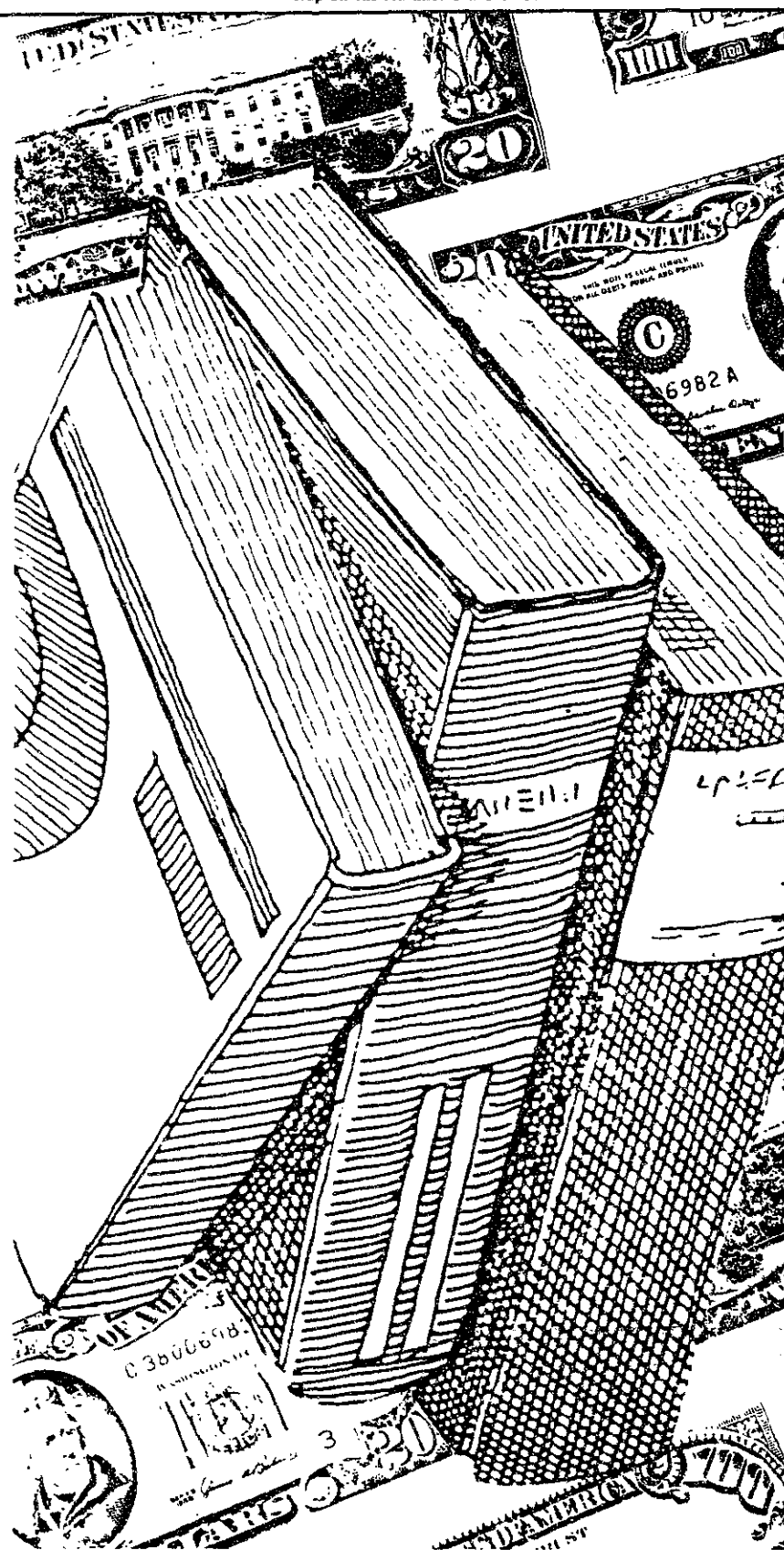
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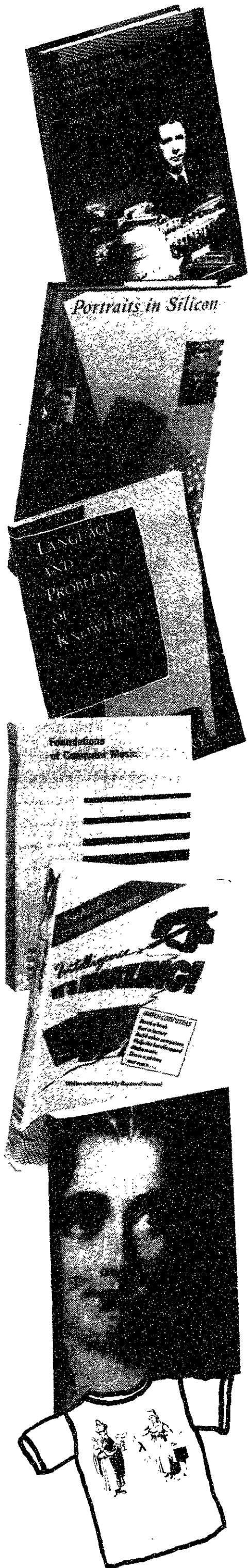
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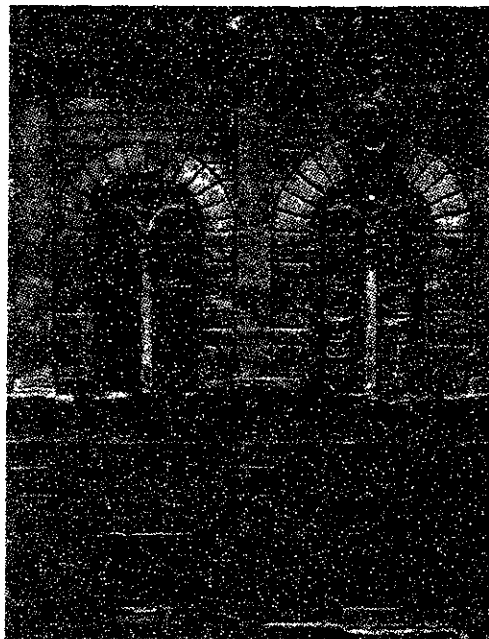
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OCTOBER

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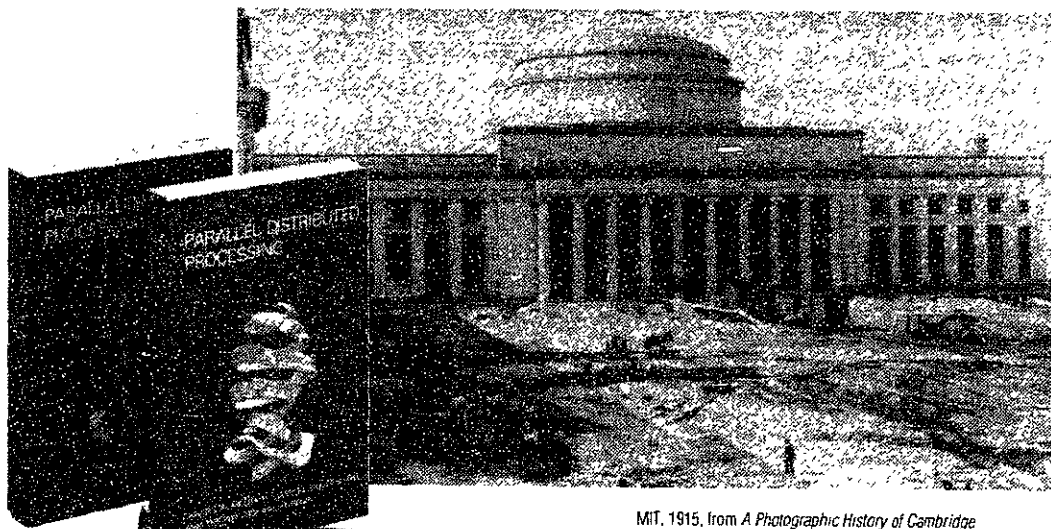
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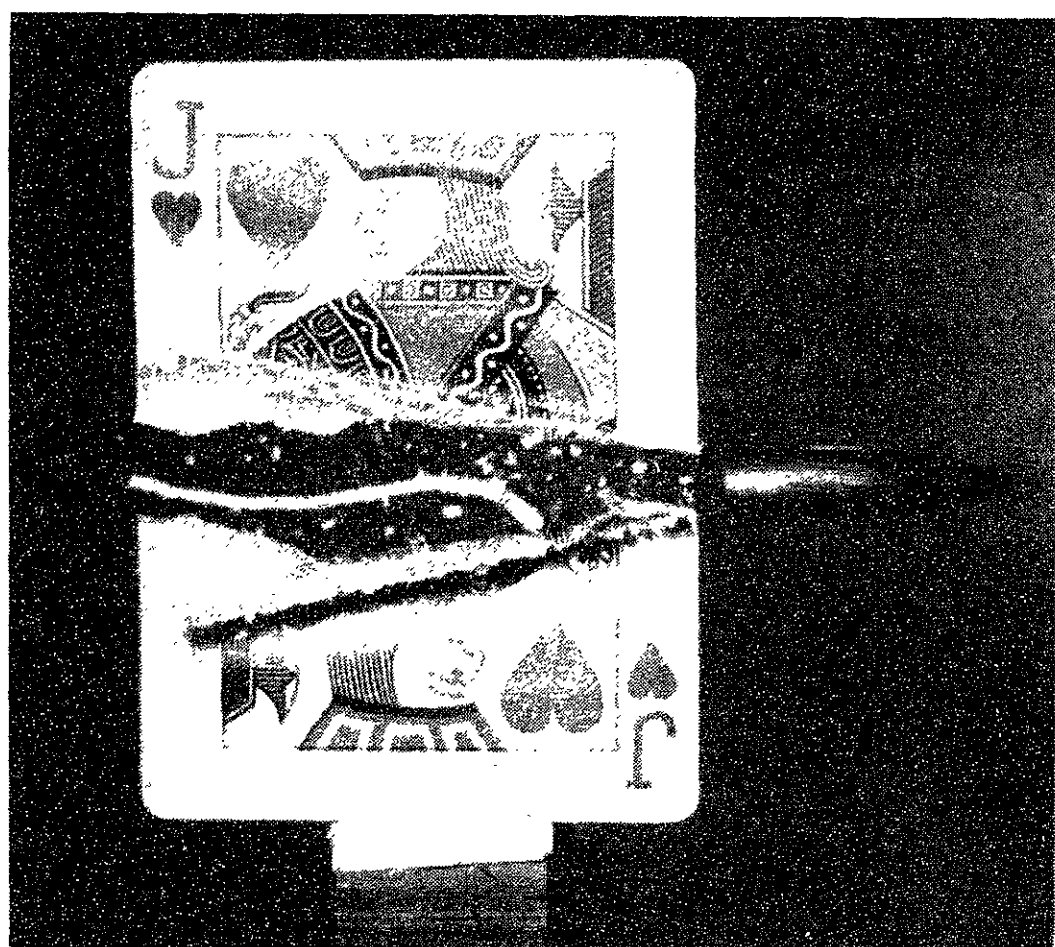
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THE CHRISTMAS SEASON is rich in music, from carollers performing gratis (or for the occasional plum pudding) to grandiose productions of *The Nutcracker*. The most joyful sacred music of the year is reserved for the Christmas season; unlike the great Easter season works, wrought with overtones of sin and guilt, Bach's *Christmas Oratorio* is a set of jubilant cantatas with music as uplifting as St. Luke's text. The Boston Premiere Ensemble, under the direction of F. John Adams, gave some 300 would-be revellers an elegantly performed gift of music that was pleasing to the ear and mind; unfortunately, Adams' production was just a little bit too restrained, failing to dole out the full ration of joy permitted by the Church in this holiday season.

Television viewers are treated yearly to Nicholas Harnoncourt's grand production of the *Oratorio*; the golden hair of the red-robed boy sopranos is upstaged only by the brilliant gilded decoration of the High Baroque church, a setting that is soon filled with the florid trumpet fanfares and booming timpani of the first cantata, known popularly with the different text *Toenet ihr Pauken*. We know that this is a

true *Weihnachts Oratorio*, a comparatively genteel celebration of the furious and passionate pagan festival.

It was a mistake to have similar expectations for a Boston production of the oratorio. Frequent visitors to Emmanuel Church, renowned for its presentation of a Bach cantata every Sunday, might not have been disappointed by Saturday's performance. Emmanuel is not renowned for its ostentation, and Adams' interpretation of the oratorio is entirely consistent with Emmanuel tradition. Colorful choir robes are replaced by stark black and white tails and gowns; no gold can be seen within this church; absent is the pomp, the glory and, unfortunately, the excitement. The ensemble performed the music with a refined precision; however, the sensuous half of the soul was left unfulfilled. There are plenty of Bach fans who extol the "cerebral" nature of his work; it would be musical snobbery, though, to deny that Bach can also be great fun. Saturday's concert just was not enough fun, or not enough fun for Christmas.

The most pleasing performances of the evening belonged to the young tenor Frank Kelley, also singing the role of The Evangelist. Kelley's loud, clear voice spread easily throughout the church, no small feat considering the acoustical "deadness" that plagues Emmanuel. More to Kelley's credit was the precise diction and intonation that never failed, despite a fairly gruelling three-hour performance. (A Ger-

manic-looking couple sitting in front of me smiled and nodded to each other during the Lutheran texts delivered by the Evangelist.) One of the most beautiful moments was during the aria *Frohe Hirten, eilt*. Kelley delivered the difficult *Tirade* passages with great musicality; and yet, his voice sounded like a higher-pitched brother to the contrabass continuo, played *pizzicato*.

Another magic moment was during the aria *Bereite dich Zion*, "Prepare thyself,

Symphony performances mixed

(Continued from page 13)

Rubinstein, who lived from 1830 to 1894, was a virtuoso pianist who studied with Franz Liszt, and the *bravura* piano part of the fourth concerto makes no attempt to disguise Rubinstein's cult of virtuosity for its own sake. Some passages are exciting and draw the listener into Rubinstein's thickly romantic musical world. Other passages, however, are baked in lukewarm schmaltz, making for a mushier product than I would care to stomach regularly.

Ruskin put on a strong and at times breathtaking performance. His style is mercurial — fleet of finger, light, and capable of dramatic transitions of pace. He can play softly and dreamily, but at the next moment be alive with tension. His ending of the first movement was powerful; his contribution to the slow movement was passionate.

Zion", introduced by a long passage with violin and oboe *da caccia*. Here was unison playing *par excellence* — the two instruments truly sounded as one. Contralto Mary Westbrook-Geha followed with singing that was warm and rich, although she could not match the standards of pitch and enunciation set by Kelley. Towards the end of the oratorio Westbrook-Geha had difficulty keeping her upward leaps from landing a shade flat. At times, and most

(Please turn to page 19)

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A cerebral Christmas Oratorio

(Continued from page 18)

noticeably during the sustained *Schlafe, mein Liebster*, a cradle song to the baby Jesus, Westbrook-Geha's breathing was almost as loud as her singing; she might benefit from a longer pause between phrases.

Baritone Paul Houghtaling did not have the vocal range for Bach's writing. Low passages, especially the aria with trumpet accompaniment, simply disappeared. The high passages sounded better, but constricted. (The highest of passages would have presented a challenge for many competent basses, incidently.) Nan Nall's performance as soprano was the worst of the four. Diction was slightly better than Westbrook-Geha's, but with a tone color lacking in warmth and bordering on the shrill. Nall is not the sort of performer who elicits the comment "She has a nice voice;" a creditable singer, but like more than a few prominent women singers, not necessarily pleasant to listen to.

While Adams' restraining hand did quiet the battle-field intensity of the trumpet and timpani lines, he gave them a new elegance in return. Very hard baroque sticks kept the boom out of the timpani; instead, the timpani were heard as just another part of the harmonic texture, a not unpleasant effect. The trumpets were played with a clear, focused tone and without any degree of harshness — the trick of baroque playing is to sound the high notes without them sounding like the highest notes on the instrument — and the Pre-

miere Ensemble's players did this nicely.

The orchestra had a mixture of vices and virtues. Intonation remained good, perhaps accommodated by frequent retuning to the positive organ. The organ chosen was quiet enough so as not to overpower the soloists during the *recitativo*, but was inaudible during ensemble playing. (Some productions of the oratorio alternate harpsichord and organ continuo.) The violin playing, especially during solo passages, was fluid and free of Italian influence, but was sometimes overpowered by the chorus and oboes. A brief appearance of horn players during the fourth cantata, however, was a definite liability — they did not play with focus or precision.

The chorus produced a lot of sound for their eight members, but not enough to fill Emmanuel. Adding another four singers would have preserved the balance between chorus and orchestra, and at the same time would have made it easier for each singer to preserve his voice throughout the performance. (Saturday's chorus can hardly be criticized for losing pitch after several hours of singing.)

A student of the late Nadia Boulanger, herself hardly known for excess, Adams is well qualified to produce a cerebral (or shall we say dry?) *Christmas Oratorio*. Perhaps this Saturday's performance was just an experiment; Adams has demonstrated that Bach's oratorio can be performed with elegance. The result is certainly pleasant, but hardly grand or spine-tingling.

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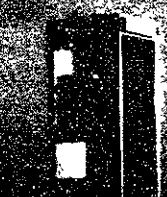
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Why choose Nicaragua to build houses?

Reporter's Notebook

By Daniel J. Glenn

1987 has been declared by the United Nations as the International Year of Shelter for the Homeless. According to the UN, "one quarter of the world's population lacks adequate housing and lives in extremely unhealthy, unsanitary conditions."

Every 24 hours more than 50,000 people die from malnutrition and sickness directly related to the lack of housing, water, and sanitation. The majority of those victims are children.

The UN also estimates that nearly 100 million people have no form of dwelling whatsoever, they "sleep in the street, under bridges, vacant lots and doorways."

The situation is not getting better, it gets worse every year. This year the UN has called upon governments, institutions, corporations, churches and private citizens to act to improve this desperate situation.

At the end of 1986, I, along with a number of local architects, students, carpenters and artists formed a non-profit architectural group called Earth Shelter with the express purpose of designing innovative solutions to house the homeless.

In this Reporter's Notebook series, I have tried to give some sense of Nicaragua, the country in which we chose to begin our work. But as homelessness is a national and global problem, why did we choose Nicaragua to begin our work?

"The overriding issue in providing housing is not, as it was once believed, the construction of houses. The critical issue is the provision of land."

One reason is that Nicaragua is a country at war, and war is one of the primary causes of homelessness. The US-financed and organized *Contra* are responsible for the destruction of thousands of homes throughout the country. As Americans, we feel a responsibility to the victims of this aggression. One weekend while in Nicaragua, we went to a celebration marking the completion of a housing project by a US organization, Architects and Planners in Support of Nicaragua. The project included 20 houses, a water system and a school. It was built by four successive brigades of 20-25 volunteers from the United States over a six-month period. The joy of our celebration was tainted by the news that just that week alone, 50 more houses in the region were destroyed by the *Contra* forces. APSNICA responded to the news with an increased resolve to continue their housing efforts.

Another reason we chose Nicaragua is that we wanted to work in a country where the government was seriously interested in building houses for its poor. As I have learned in studying the field of housing, even in the midst of this growing crisis, very few nations in the world are actively building housing or providing land for housing the poorest sectors of society. The only option available for most of the developing world's urban poor is illegal land seizure or "squatting." In many of the world's largest cities, including Mexico City and Cairo, the majority of residents are squatters. They live in constant fear of relocation and most have little or no services. And even the world's richest nation, the United States, is spending an increasingly smaller percentage of its Gross National Product on subsidized housing, and public housing has nearly stopped altogether.

Massachusetts is currently considering making the right to decent housing a part of its constitution; that right is already included in the Nicaraguan constitution as one of the basic human rights.

The overriding issue in providing housing is not, as it was once believed, the construction of houses. The critical issue is the provision of land. During its eight years of power in Nicaragua, the Sandinista government has instigated one of the most extensive land reform programs in Latin America, providing land for thousands of formerly landless peasants and urban workers. Nicaragua has responded to squatter settlements with land titles instead of bulldozers, and later with provisions of water and electricity. This generosity has also been extended to thousands of El Salvadoran refugees who are fleeing their country's civil war. Leftist opposition within Nicaragua (the Sandinista Party is to the right of various socialist parties and the Marxist-Leninist Party) has criticized the land reform program for being too slow and cautious. And right-wing opposition has criticized it for being too radical, but the homeless continue to benefit.

The Ministry of Housing, the Ministry of Construction, and the Office of Settlements are actively building housing as fast as is possible under constant shortages of money, materials, and transportation problems. In addition to the government's own housing efforts, there are currently hundreds of international construction projects underway. We personally came in contact with Italian, Dutch, Spanish, Swedish, Danish, Swiss, Canadian, and American construction brigades who are building schools, daycare centers, health clinics, water systems, and housing. CARE Canada, for example, is developing an extensive project throughout the Matagalpa region to provide clean water to rural communities.

One of the biggest difficulties confronting international organizations involved in doing development projects is that many governments' primary interest in such projects is not the project itself but rather the influx of foreign exchange and the image-enhancement potential of the project. Therefore, foreign aid projects are often relegated to model project status, a model developed with extraordinary amounts of foreign investment, effort, publicity and fanfare. When the ribbons are cut, the champagne is drunk and the photos are snapped, the foreign donors

go back to their homes and the government goes back to its real concerns of housing the wealthy elite and the "model" remains a one-shot affair. Unless a government has adopted an overall program to improve the health, education, and housing of its poor, then one symbolic project serves only to legitimize an otherwise unconcerned government.

From our experience and the experiences of countless other international organizations working within the country, the Nicaraguan government is engaged in a comprehensive development effort which focuses on the poorest of its people.

"The Nicaraguan people have an extraordinary sense of hope, resolve and personal empowerment."

Perhaps the most important reason we chose to work in Nicaragua is the Nicaraguan people themselves. The people have an extraordinary sense of hope, resolve and personal empowerment. My father (who is an American Indian) asked me why I flew all the way to Nicaragua to build housing when American Indian reservations are in desperate need of every form of human services. I have worked on reservations in my native Montana, but there I am overcome by a sense of powerlessness and resignation. The Nicaraguan people have seized power from an oppressive dictatorship and are determined to keep it. According to my professors here in the MIT Design Housing Program, empowerment of the poor is essential for any meaningful housing effort. Through thousands of grassroots organizations the Nicaraguans are participating at every level to build a new society.

I have been criticized for not giving equal time to the *Contra* viewpoint in this series. I admit that is true. Perhaps as a journalist it would have been interesting to travel around with the *Contra*, but I went to Nicaragua to build housing. The *Contra* are not interested in building housing, and housing the poor has never been one of their stated goals. They have blown up a lot of houses, however. Eight years ago, when the Sandinistas were the guerrillas in the mountains and the *Contra* were guarding the dictator's palace, the Sandinistas did not burn the *campesino*'s houses. Somoza's National Guard, who now form the military leadership of the *Contra*, were doing the same thing they do now as the *Contra*: raping, torturing and murdering the poor and destroying their communities. The Sandinistas were teaching the *campesinos* how to read and write and how to organize. The Sandinistas defeated Somoza's National Guard by gaining the overwhelming support of the people. If the *Contra* is really interested in gaining power in Nicaragua, they should learn a few things from the Sandinistas.

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DATE: Wednesday, December 9, 1987

TIME: 4:30 - 6:30 p.m.

PLACE: Rm. 4-149
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BOOZ·ALLEN & HAMILTON INC.

Martin criticizes Soviet war tactics

By Morlie L. Wang

The Soviet Union has been using cruel war tactics in its war with rebels in Afghanistan, according to Richard Martin, who spent six months in Pakistan teaching Afghan rebels how to treat medical emergencies. Martin spoke at MIT last week about war politics, Soviet tactics and the Afghan people.

Martin said that the Soviet Union suddenly and blatantly invaded Afghanistan in December 1979. The Soviet Union maintains that it was only responding to the Soviet-backed Afghan government's request for assistance in dealing with rebels.

According to pamphlets from the Free Afghanistan Alliance organization, the Afghans were poorly equipped and hopelessly outgunned, yet they fought back and denied Russia control of the countryside.

Martin asserted that the Soviet tactics are designed to demoralize the *mujahedeen* ("holy warriors"), as the rebels call themselves. The Soviets used booby traps which are designed to maim, not kill, on the theory that disfigurement and slow death are more demoralizing to the families of the victims, Martin said.

Martin pointed to the use of "anti-personnel mines" by the Soviets as a method of maiming and demoralizing. He also said that the Soviets disguise their bombs as other objects — such as pens and dolls — that would detonate when stepped on.

Martin also charged that the Soviets are using mines laced with a biochemical agent in violation of Geneva Convention agreements. The *mujahedeen* have no type of chemical protection against the gas so they improvise with a mask made of charcoal, newspaper and cotton, he said.

In working with the *mujahedeen*, Martin remarked that he had never seen people so dedicated to Islamic doctrine. A lot of their strength has to do with their will, he said.

Martin argued that the rebel movement has reached a mature stage. There had been unrest between the seven *mujahedeen* parties four or five years ago, but now these groups coordinate military maneuvers, Martin explained.

When describing the environment he lived in, Martin said that no laws govern the tribal area. If one person kills another, no law is brought down upon him, he said. No one could venture outside the fort he was staying at without a weapon. Night guardsmen watch the fort 24 hours a day and seven days a week.

Martin got involved in working with the *mujahedeen* through Freedom Medicine, a group which sets up medical units to help the Afghans. Freedom Medicine helped Martin get to Pakistan where Martin and others taught Afghans medical techniques in a hospital. Martin worked with the *mujahedeen* from March 1987 to September 1987.

Every day at 4:30 am, the *mujahedeen* went through physical training themselves, followed by a full day of classes. Martin taught the *mujahedeen* students medical aid, including disease diagnosis and surgical technique. Students also got hands-on experience at the hospital.

The course is crammed into six months because Afghanistan needs medical help desperately, Martin said. There were about 30 students per class and the students were 19-29 years old.

After completion of the course, the students go back to Afghanistan with their equipment and live in caves helping the injured.

Martin also helped set up an

ambulance to pick up the wounded right outside the Afghanistan border, which was two hours away from his hospital in Pakistan. Martin said if there were no vehicle, people would have to wait for hours or days to get medical attention.

Martin encountered large craters around the hospital made by bombs, and he also saw unexploded bombs on the roadway.

Martin is a graduate of University of Massachusetts at Amherst. He also was a Green Beret in the

special forces. After serving as an Army Medic, he went to Pakistan to serve Afghanistan for six months. Now he is a student at Northeastern University studying for his master's degree.

Martin concluded that the war in Afghanistan is as vile and disgusting as any war, but it does not get much attention. He also emphasized the importance of support in terms of volunteers and donors. The talk was sponsored by the MIT Republican Club.



Lisette W. Lambregts/The Tech
Hold that form... An MIT diver executes a backflip during Friday's meet against Coast Guard.

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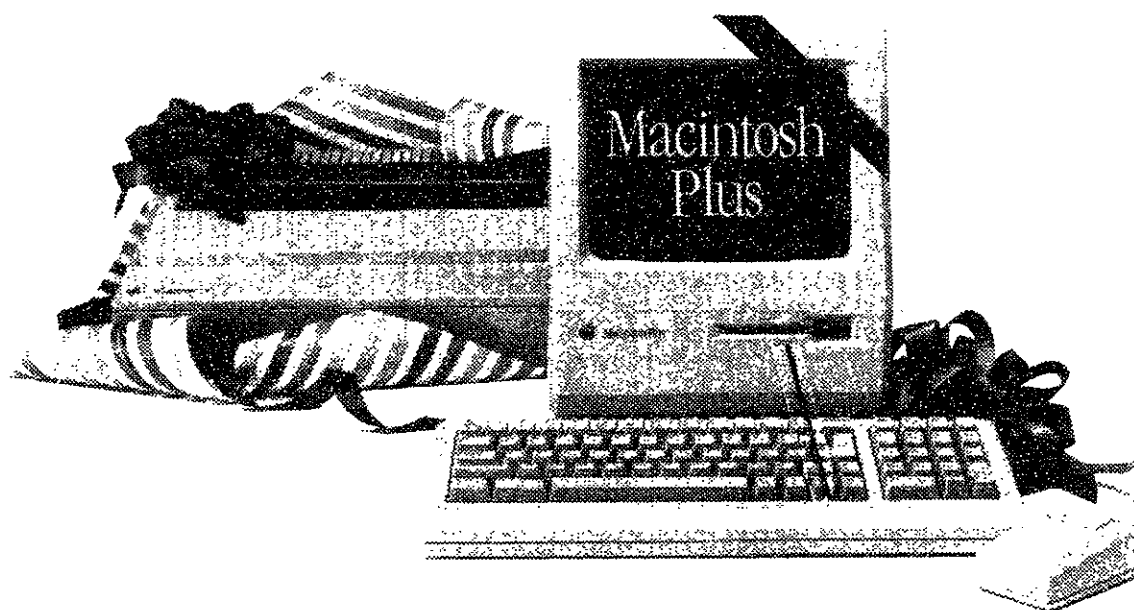
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Walters leaves Writing Requirement for UASO

By Sally Vanerian

Bonnie J. Walters will leave her post as Coordinator of the Writing Requirement to become an assistant dean in the Undergraduate Academic Support Office. Her replacement as coordinator, who she would not name, will assume the position on Dec. 14.

Walters replaces Marie Danziger, who accepted a position at another school, according to Travis R. Merritt, head of the UASO.

Walters' primary responsibility will be to manage the freshman advising system, Merritt said.

Walters was chosen because she was already acquainted with many faculty and students, he added.

Walters explained that her new post will involve working with freshman and associate advisors. She will also advise students on study skills.

Along with the other members of the UASO, Walters will herself act as an advisor for students such as undesignated sophomores — who do not have departmental advisors — or for those students who feel they are not getting complete advice from their advisors.

Walters, who has been acting as Coordinator of the Writing Requirement for the past five years, said she had not been actively searching for a new job. But Walters felt that the position of assistant dean in the ODSA was a good opportunity to work with students in a new area.

Having seen the first class go through both phases of the writing requirement, Walters feels that it is an appropriate time for a new coordinator to step in.

Walters said she does not regret leaving the position because she will still be working with MIT students, but she joked that her one regret is that she missed her opportunity to win this year's "Big Screw" award sponsored by Alpha Phi Omega.



Mauricio Roman/The Tech
Bonnie J. Walters, Coordinator of the Writing Requirement

MIT sends colorful brochures to prospective undergraduates

(Continued from page 1)

It was Behnke's initiative to review MIT's admissions publications and compare them to other schools. Members of CUAFA and the admissions staff got together and looked at the old materials. What came out of those reviews, according to Douglas, was the knowledge that full color brochures had been in use elsewhere, and it made the committees aware that MIT was way behind the times, he said. MIT decided to hire a Baltimore, MD firm to produce new material for MIT candidates.

The theme of the pieces is imagination. Behnke said many people think that MIT is mechanistic and just a training school and not very exciting. The admissions committee wanted to show that MIT is a creative place, with many choices. But, he said, the new brochures also show that MIT is still a science-based university.

Although CUAFA does not get involved in the day to day workings of the office, it still looks at the longer term policy. CUAFA gave its formal endorsement of the program for updating MIT's public relations material.

The admissions office has attempted to present more adequate and complete images of MIT's curriculum. The new publications were developed so that candidates, parents, and guidance counselors could gain a broader understanding of a variety of options open to undergraduates.

The admissions office supplements its marketing techniques with a video. The video tape is an effective medium for dramatizing the number of ways in which undergraduates can experience MIT. The scenes are supplemented by slow synthesized background music. The video stresses invention and discovery done at MIT and "learning by doing," as well as making numerous allusions to MIT's Nobel Prize winners. So-

cial life and athletics at MIT are also stressed.

According to CUAFA Chairman Keith D. Stolzenbach, there



Georgina A. Maldonado/The Tech
Director of Admissions Michael C. Behnke

are a significant number of people who qualify for MIT who do not apply because of some judgment about MIT. The new brochures are an attempt to give them a more accurate view of the Institute.

The materials are also aimed at attracting those people in the pool of applicants that have an interest in humanities and the arts. MIT wants applicants that have a balance of interests, Behnke said.

Prior to this year, the quality of MIT's brochures were fifteen years behind, said Douglas, a professor of history. Current students agreed that the old materials were not very influential in their decision to attend MIT. Richard A. Elliott '91 remarked,

"In retrospect, the brochure did not positively influence me. It made MIT seem unappealing." David R. Afshartous '89 said the brochures made MIT look narrow-minded and boring. "When I received the brochure, I thought MIT ran out of the new pamphlets and decided to send me one of their old ones."

Although the impact of the new materials remains to be determined, feedback so far has been positive. A case in point is Daniel M. Robinson '91, who after first examining the materials exclaimed "This is awesome!"

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MIT and Tent City supporters discuss congregate housing

(Continued from page 1)

Stewart Guernsey, an advocate of the homeless.

MIT Campus Police removed the group of homeless people from the Blanche Street site on Nov. 20, culminating a month-long encampment by demonstrators who wanted the Cambridge City Council to claim three rent control-disputed houses on Blanche Street. The Tent City group sought to convert the Blanche Street houses into community housing for the homeless. They had been camped on the site since the Simplex Steering Committee held a tent city rally there on Oct. 17-18. Ten arrests were made.

The River Street house was offered rent-free to the Tent City group until March 30 by owner Alex Steinbergh, a major rent control landlord in Cambridgeport. Steinbergh had originally suggested that the city pay the utility bills.

Activists call for MIT task force on homelessness

Representatives of Tent City asked MIT Friday to form its own task force, made up of administrators, faculty, and students, to study ways that MIT could affect the problem of homelessness in Cambridge, according to Glenn.

They suggested that resources of the departments of architecture and urban planning be mobilized in that effort, according to Steven Penn G, who attended the Friday meeting. According to Penn, Mel King, an adjunct professor of planning, said at the meeting that he thought that the planning department would be interested, but that he could not speak for the department.

Milne told *The Tech* yesterday that MIT would like to see a "broad-based" coalition to look at homelessness. He said there is a proper role for MIT to play in such an organization. "We have made some progress in that regard," he said, "... away from the demands of the activists."

As for utilizing the architecture and planning departments, Milne said he thought it was necessary first to establish a coalition, and then decide what resources to

draw upon. He added that members of those departments certainly could pursue homelessness issues if they felt inclined.

Tent City representatives asked MIT Friday for a site on which to pursue a congregate, community housing project, Glenn said. In its original November proposal to MIT, Tent City argued that shelters were not adequate means of housing for homeless people because of the regimented lifestyles they required and their general oppressiveness. They said that more independent environments were necessary.

One possibility mentioned Friday, according to Glenn, was the inclusion of such a site in the University Park development plan.

But Milne and Suduiko said that MIT could not alter the development plan at this time, according to Glenn, though Glenn said they did not rule out the possibility of including such a site in the future.

Milne spoke yesterday as though the River Street house were becoming a "pilot project" in congregate housing in itself.

Milne said MIT had already committed "in principle" to playing some part in the River Street project weeks ago. Milne said the city manager told him yesterday that MIT could best contribute by paying the heating and utility bills on the property for the winter.

Various groups will participate in the River Street project, Milne said, including MIT, City Council, a Cambridge furniture company, and others.

The Church of the Covenant in Cambridge and the Phillips Brooks House — a privately-endowed organization at Harvard — may help provide staff for the River Street house, Milne said.

Those housed at River Street for the winter might not necessarily all be Tent City members, according to Milne.

Before the River Street plan can go ahead, Milne said, the Cambridge rent control board must agree to exempt the house from the rent rolls. Milne said he

thought they would comply tomorrow.

The Tent City supporters also asked MIT Friday to provide a list of all properties it owns that are presently vacant, according to Glenn and Penn. Penn said they wanted to consider possible winter housing options using these properties. "How do we house as many homeless people as we can for the winter?" Penn asked. He reiterated that the issue involves more than 15 people.

Milne said that while MIT would provide the list, he did not see the point in using vacant buildings as shelters, since that would only create more of what is presently available and did not address the issue of congregate housing. "Cambridge has a very adequate system of shelters," Milne said, pointing out that Philip Mangano, Cambridge director of emergency services, has stated that there are enough beds for all the homeless in the city. The present issue, Milne said, is getting away from the dormitory-like environment of shelters.

The Tent City representatives asked MIT Friday for permission to renovate the Blanche Street houses for use this winter, according to Penn, but were turned down. Penn said that Tent City has been offered donations of materials and labor from various sources.

Students at MIT have collected 250 signatures so far on a petition asking MIT to drop all charges and disciplinary proceedings on those arrested on Nov. 20, according to Penn. The petition also asks MIT "to support zoning changes that will allow for more low-income housing than is currently planned for 'University Park' and to mobilize the resources of its School of Architecture and Planning to find a creative and humane solution to the problem of homelessness in Cambridge."



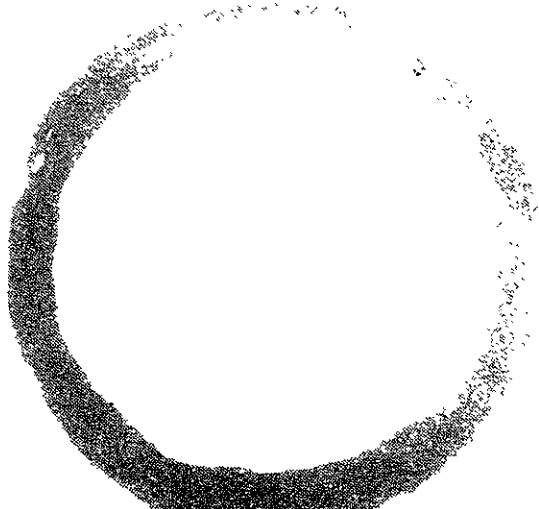
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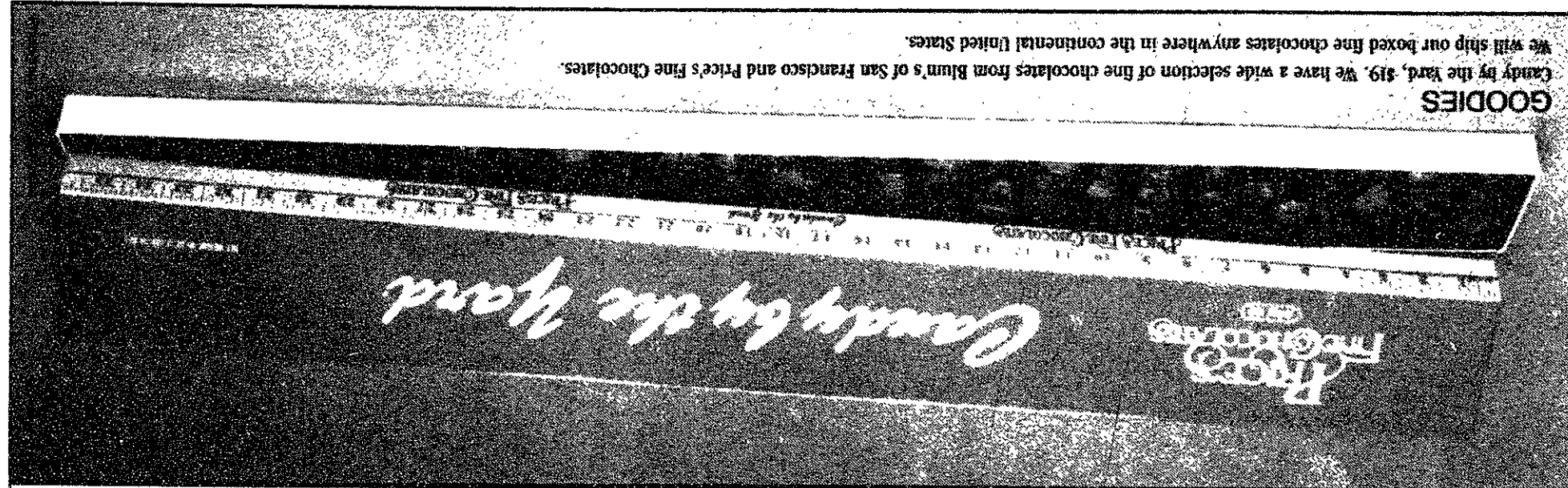
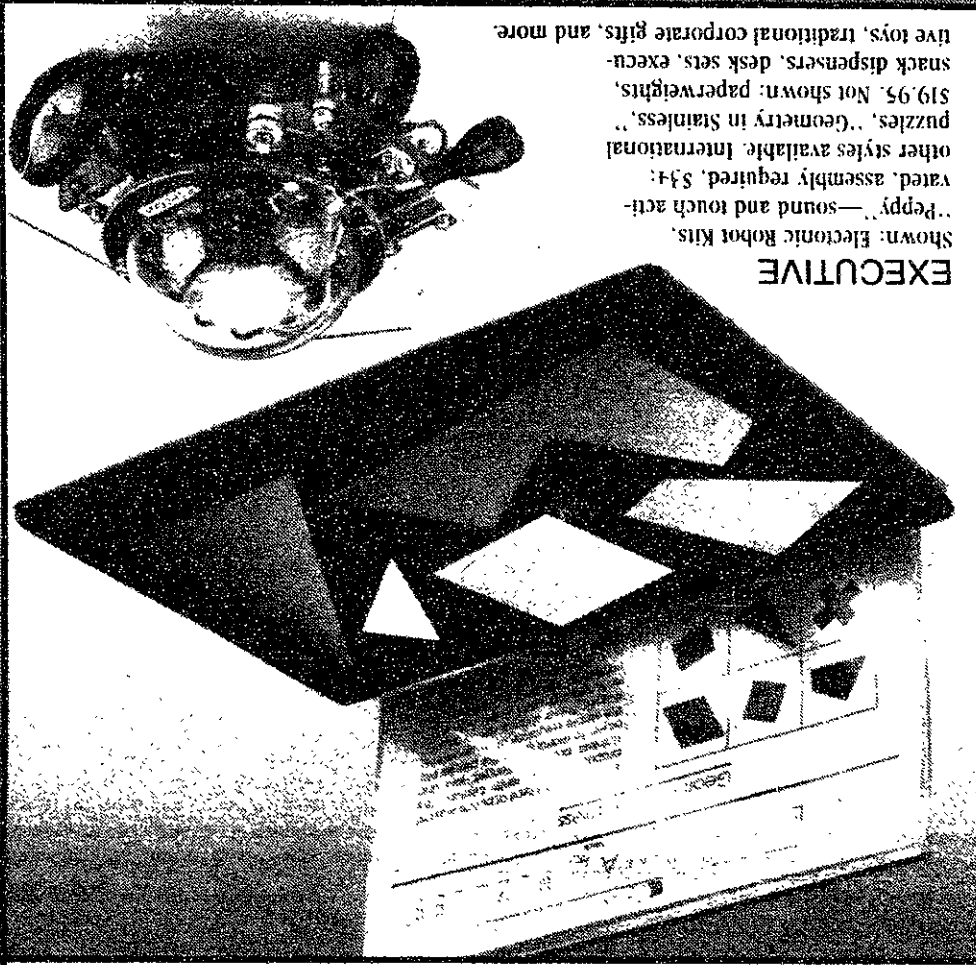
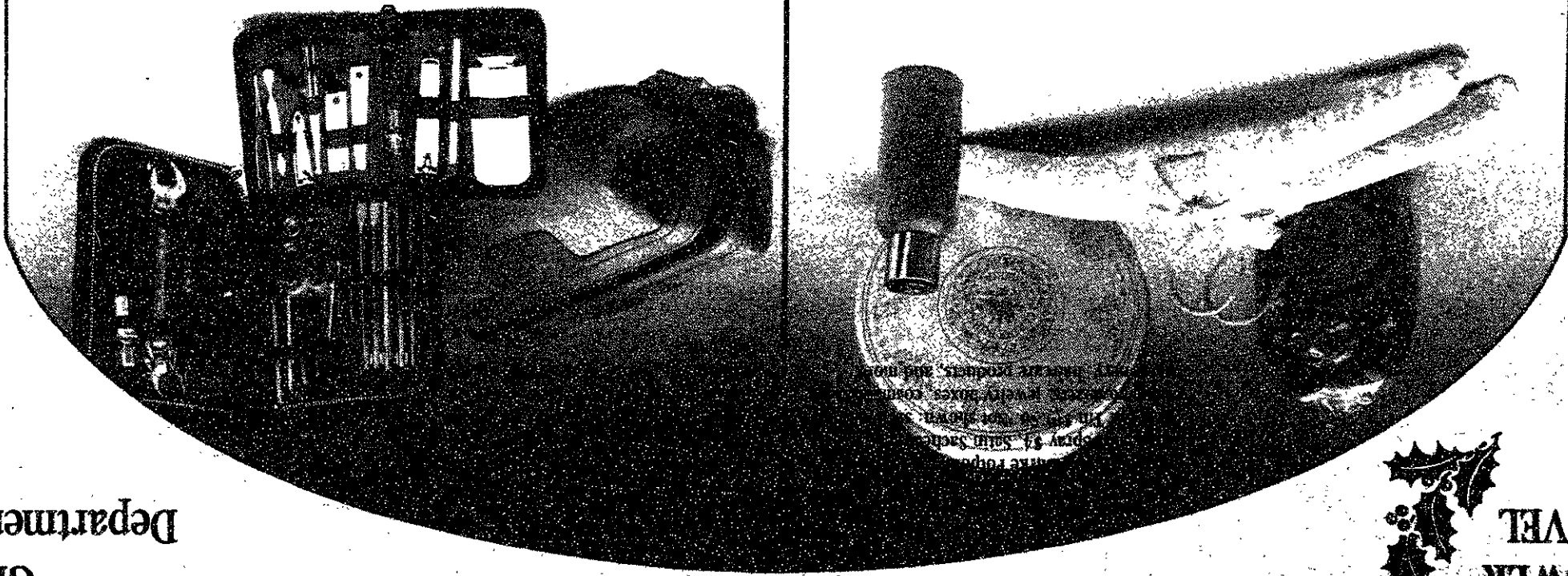
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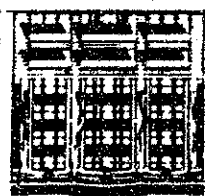
Mark Dunzo '91 sprints forward in last Saturday's indoor track meet vs WPI and Brandeis. He placed first in the 400m sprint.



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MIT solar car team places eighth in 11-day Australian race

By Paula Maute

Despite numerous breakdowns and an electrical fire, MIT's solar automobile team finished eighth out of 24 contenders in the Pentax World Solar Challenge held in Australia last month.

"It was a tough race," said James Worden '89, designer of the 340 pound solar-powered automobile, Solectria IV-B. "The roads were rough . . . they were paved with half inch pebbles sticking out," which caused vibration and a lot of stress on the car, Worden explained. The Solectria's stiff suspension system was not designed to absorb so much stress, he added.

The 2000 mile race began Nov. 1 in Darwin on Australia's northern coast and ended 11 days later in Adelaide, on the southern coast. General Motors finished first followed by Ford and the Beil Engineering School of Switzerland, according to Worden.

Worden and four of his teammates, Catherine Anderson '90, Gill Pratt G, Megan Smith G and Robert Webster G, traveled to Australia for the race.

Accidents plague the car before the race starts

The team's first mishap came four days before the race began. A wire from the auto's 13-foot solar panel accidentally touched the battery cables after a road test in Darwin. This caused an electrical spike which damaged the motor's sensors and controller. Pratt, the team's electronic specialist, had to replace both the motor and controller with backup systems reserved for the race. The controller, a major component of the solar car, regulates the electric flow from the solar cells to the engine.

One day before the race a fire broke out while Worden was road testing the Solectria. "Apparently, the battery terminals wore through the insulating tape and touched the seat. It suddenly burst into flames," Worden said. The seat was held together by an epoxy, a highly flammable material, Worden explained. The replacement seat was made from masonite, he added.

"Cathy Anderson saved the day and probably my life," Worden said. She put the fire out "with her own hands and breath by blowing and batting the flames," from his clothes and hair. Pratt pulled the seat out of the car preventing further damage to the rest of the three-wheeled auto. Worden escaped unharmed, with singed hair and a scorched shirt.

"We were really bummed out over the fire," Pratt said. "It was clear James could have gotten hurt. It really scared us." They considered withdrawing from the race because "we thought we might be putting our lives in jeopardy," Pratt said. But after weighing possible risks and buying a fire extinguisher for the car, they decided to go ahead with the race.

Fast footwork helps team complete most of the course

MIT's team began the race under sunny skies within minutes of the 23 contenders from across the globe. But within two hours, the Solectria broke down. The motor controller had failed again and needed to be replaced with Worden's last backup controller.

The team also had to contend with four flat tires on the first day. The teammates — who traveled behind the Solectria in a gasoline-powered car — quickly made repairs.

The Solectria was doing well during the second day of the race, according to Pratt, until its motor failed while the car was climbing a hill. The team had anticipated a flat route, and Worden had decided not to install a transmission which would have helped the car climb hills. The heat from the overtaxed motor caused the magnets inside to "demagnetize," according to Pratt. They lost their one-horsepower engine and had no replacement.

"Panic struck," said Worden. "We didn't have a back-up motor and we were in the middle of the outback. . . . Gill started working madly to get the motor to run and Cathy and I went to the closest town to try to find a DC motor . . . and trying to find a DC motor in the desert is difficult." After making a dozen frantic phone calls, GM agreed to fly one of their extra motors — via Lear Jet — from Darwin, Worden said. GM had already helped MIT's team get to Australia by contributing over \$10,000 in transportation costs. When the team finally received GM's motor, they could not get it to work. "Sometimes I just want to forget about the race," Worden said. "Again and again I banged my head saying, 'we should have done more road-testing.'"

Eventually, Worden located and bought an engine for \$500 from a competing team from an Australian high school. The MIT team lost only half a day locating and installing the engine, according to Worden.

All race cars were required to stop at 5 pm daily which enabled the MIT crew to repair and tune their car each night. The team camped out in tents during the race.

After the new engine was installed, the MIT team cruised steadily under cloudy skies for the next six days. The lack of direct sustained sunshine reduced their speed to about 25 miles per hour, according to Worden. "The route was pretty desolate through the desert and we saw lots of very strange and interesting animals like wombats and kangaroos. I didn't see any familiar animals except dogs," Worden said. "The people were very friendly and helpful, more so than here."

Most of the cars cruising ahead of the Solectria were also slowed down by the overcast skies, according to Pratt, except for GM. But GM seemed to be cruising ahead of the bad weather, averaging about 42 miles per hour, he said.

Worden and Catherine Anderson, designer of the Solectria's wheels and brakes, shared the driving. They managed to catch up with and pass many cars during the sixth and seventh day of the race. But on the morning of the eighth day, they discovered a slow leak in a rear tire, according to Worden, and when Anderson was changing the tire, she accidentally ruptured it with a screwdriver. The team scrambled to search for a 17-inch spare tire. They found one, but the rupture cost them two hours.

"We finished the race with just one other problem," Worden said. The brace holding the solar panel snapped when the Solectria was maneuvering through a bumpy detour.

On the 11th day of the race, when the Solectria was four-fifths of the way to the finish line, officials announced the race was over.

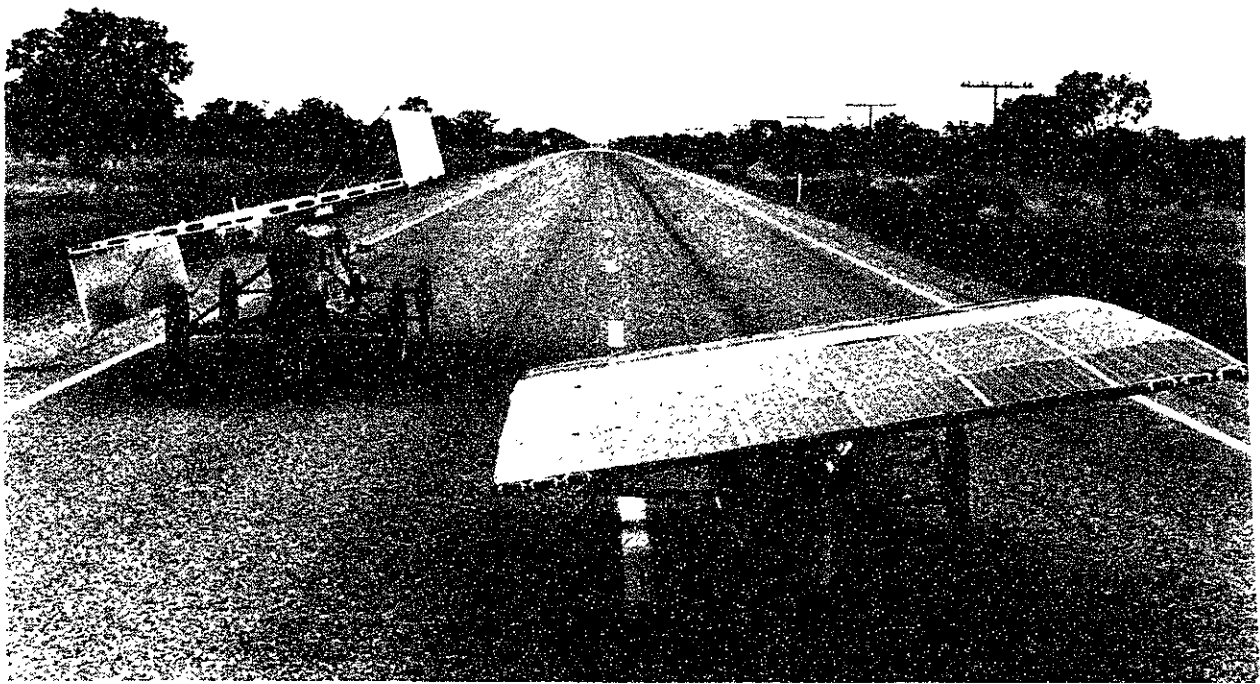
Worden is gearing up for the next solar race, the *Tour de Sol*,



a six day course through the mountains of Switzerland to be held next June.

"We're really psyched for the *Tour de Sol*," Worden said. "We plan to have the new car rolling by the end of IAP. And we're going to test the living daylights out of the machine, way before the

race," Worden said. Worden and his teammates, Anderson and Erik Vaaler G, plan to teach an Independent Activities Period course on solar car design and construction where students "can get hands on experience building the Solectria V," the team's next model.



An Announcement

BOSE Foundation is sponsoring a full one-year fellowship for a first year graduate student in electrical engineering and computer science at MIT.

The fellowship is for the full amount of tuition for the fall and spring terms plus a stipend of \$1000 per month for nine months (based on current tuition this is approximately \$23,000).

Nomination for the fellowship will be by faculty recommendation or by direct application by the student.

For more information, contact the Graduate Office or write:
BOSE Foundation, 100 Mountain Road,
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BOSE



sports

Men's hockey team loses in weak final period

By Peter Dunn

The MIT men's hockey team confronted the University of Southern Maine Huskies last Saturday, playing a closely fought first two periods. However, MIT lost all composure in the third period and lost the game 9-2. How MIT could lose all the fire it displayed in the earlier part of the game is something Coach Joe Quinn and his players will have to reflect on if they expect to win any future close games.

The first period began with fast play and little hitting. The Huskies were getting better scoring opportunities with shots from the slot and screened shots from the point as they managed to set up their offense better than the Engineers. Despite this, the MIT defense stood its ground and the game remained scoreless for the

first half of the period.

The MIT offense pulled through near the halfway mark of the period to put the Engineers on the scoreboard first. Alec Jessiman '88 let go a shot from the left point, and Per-Gunnar Ostby '89 pounced on the rebound off the goaltender's pad for the goal. The Engineers' game continued to strengthen, with hard play in the USM corners and good chances on shots from the point, but their luck failed them when they got into penalty trouble. Shorthanded 5-to-3 on interference and tripping calls, the MIT defense could do little to prevent the USM goal when the puck was lifted over a sprawled Peter Gasparini '88 into the net.

The Huskies scored again late in the period on an excellent

drive through the MIT defense by the USM captain, but the score was again evened at 2-2 on an MIT goal early in the second period. Jessiman scored unassisted as he stole the puck at center ice, drove up the right wing, and blasted the puck low stickside.

Less than two minutes later, USM once again took the lead as a pass from the left boards found a Husky alone in front of the net for the easy goal. Already the Engineers were looking tired, foreshadowing the disastrous third period, and the Huskies would never look back. The MIT defense stood its ground, not allowing another USM goal during

the period, but the offense was lackluster. The Engineers never managed to finish their plays and resorted to an ineffective dump-and-chase.

MIT's weariness finally took its toll during the third period as the team could muster no offense whatsoever. The Huskies scored six times in the third period in what amounted to little more than a shooting gallery — at times, even though MIT was at full strength, it seemed as if it were playing shorthanded. In many instances the Engineers failed to either pick up the open man in the slot or clear the skater screening the netminder, al-

though often the Engineers were simply caught too far up the ice as they seemed too tired to catch up to the play. One high point of the period was Gasparini's goaltending, as he prevented the score from going into double digits with some key saves.

The third period of the game against USM was simply dismal, a pain for any fan to have to watch. One can only hope that this embarrassing defeat will goad the Engineers to get their act together. The MIT men's hockey team faces off this Thursday against Tufts, a team they have always played strongly against.

Women's hockey loses to Bowdoin College, 4-1

By Peter Dunn

While the MIT men's hockey team started strong only to finish poorly in their game last Saturday, the MIT women's team did just the opposite Friday night at the Colby Invitational Women's Hockey Tournament. Despite the strong finish, MIT lost to the Bowdoin College Polar Bears 4-1. The first period began with both teams moving the puck well but neither team able to get a skater open in the slot for a good scoring opportunity. MIT had the better speed, creating some man-advantage situations on transition plays, but could not convert on these.

But the MIT defense started to loosen up and Bowdoin took advantage of this. In the MIT zone, the Engineers did not cover the Bowdoin players closely enough, allowing the Polar Bears a chance to set up their offense and get some good passing going.

The lack of defensive coordination resulted in the Engineers' putting themselves behind two goals by the end of the first period. Just over five minutes into the period, a pass from the left circle resulted in Bowdoin's first goal when the puck was backhanded into the net. A minute later, Bowdoin scored again in similar fashion on a pass from behind the net to the goal mouth.

The MIT defense tightened up during the second period, allowing far fewer scoring opportunities as they played their men much tighter in the slot. The defense only allowed a fluke short-handed goal on a turnaround shot at about the halfway mark. But the Engineers' offense was still stifled as they had trouble setting up in the Bowdoin zone.

The third period proved to be MIT's best as the team put more shots on goal than in either the first or second periods, while still

keeping its defense tight. The Engineers had gained their composure and set up their plays well in the Bowdoin zone. Unfortunately, Bowdoin flooded its defensive players in the slot and MIT did not take advantage of the open shots afforded to them from the point.

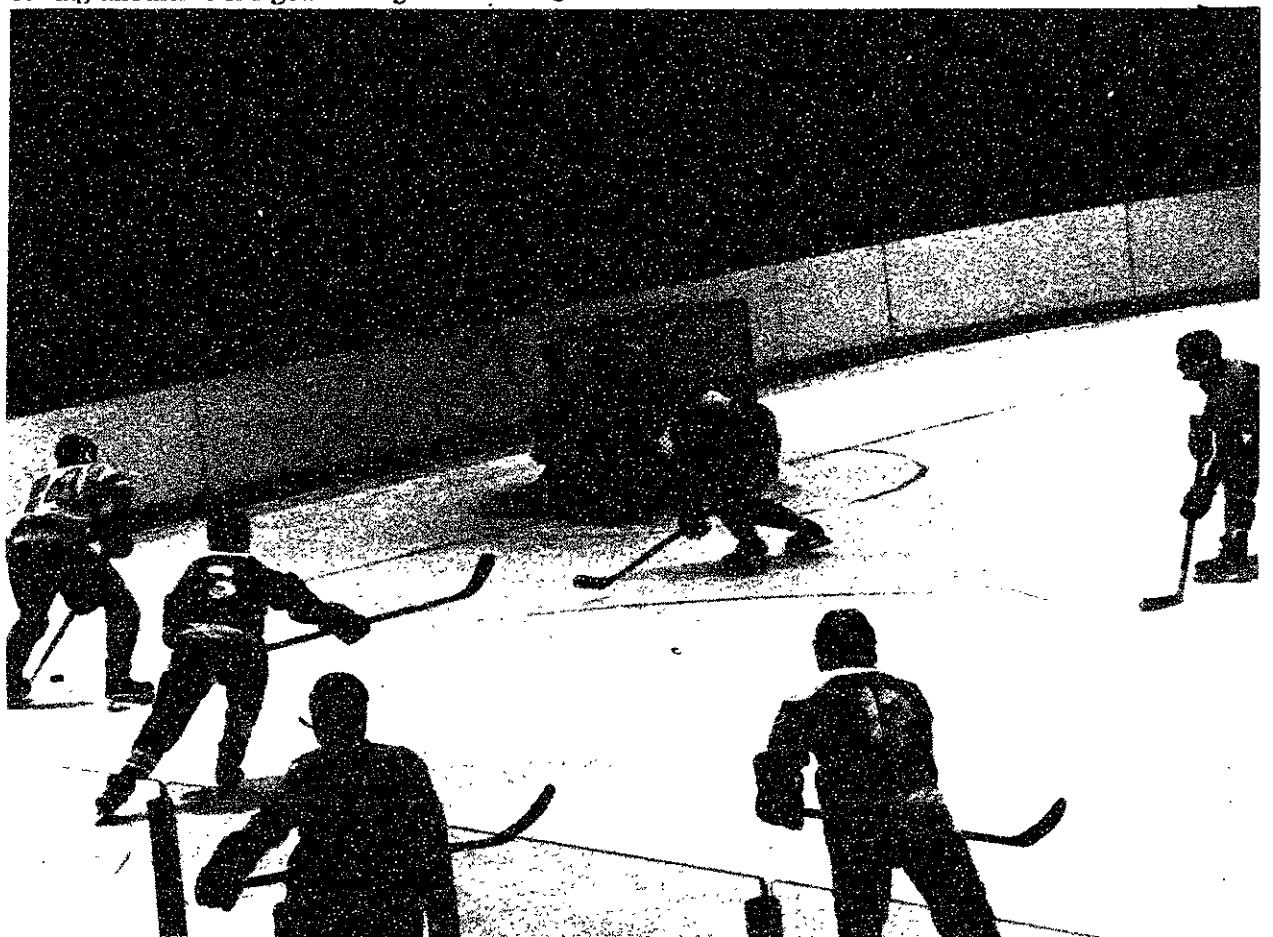
Bowdoin scored its fourth goal at the 4:05 mark of the third period on a screen shot, and it looked like the Engineers might be shut out. Michelle Bonugli '88 broke the scoring drought at the 9:40 mark when she drove up the left wing, past one defenseman and around the second, then cut across the goal crease to beat the Bowdoin netminder.

Three minutes later Bonugli was robbed of the same opportunity as she was hooked to the ice on an almost identical play. The Engineers could not, however, convert on the power play, leaving the final score at 4-1.

The Engineers played versus the University of Vermont and Colby College the following Saturday, also as part of the tournament, losing both games by scores of 1-0 and 4-0 respectively.

MIT dominated the game against UVM played on Saturday afternoon. The Engineers had far more shots on goal but the luck would not fall in their favor — UVM scored the lone goal of the game on a fluke play.

MIT came into the Saturday evening game against the highly favored Colby College expecting not to do well. But the Engineers put on the best show of the tournament as they gave Colby a run for their money. The final score of 4-0 certainly did not reflect the intensity of the game. Standout goaltending by Kelly Grant '86 and all around excellent play by the MIT team showed the large crowd the stuff of which Engineers are made.



Ken Church/The Tech

Alec Jessiman '88 sets up for a shot in Saturday's game vs University of Southern Maine. The Engineers lost 9-2.

BOOKS

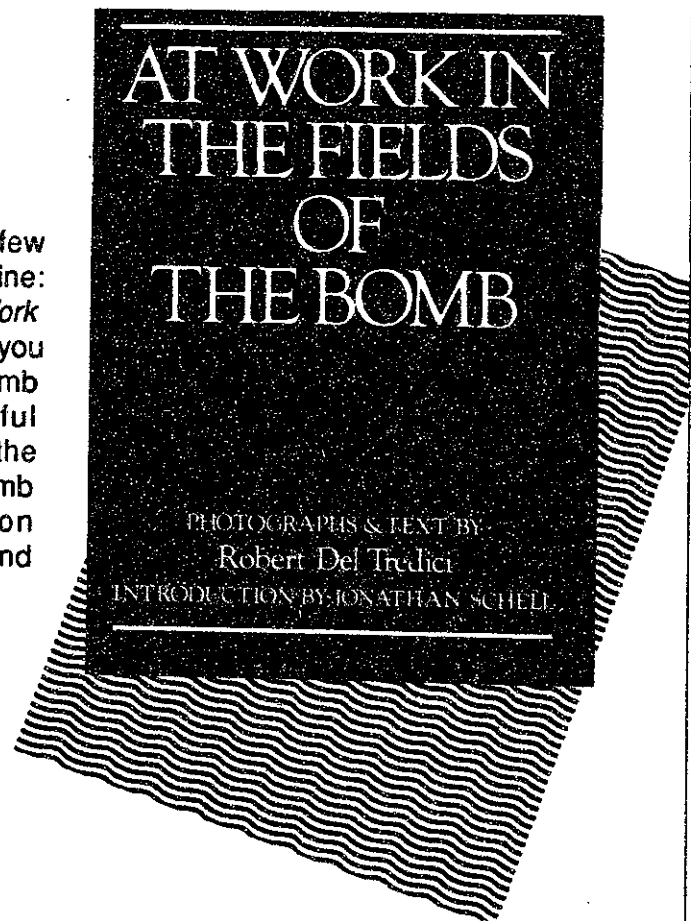
At Work in the Fields of the Bomb
by Robert Del Tredici
Introduction by Jonathan Schell

Take a journey into a world that few have ever seen or can even imagine: the world of the nuclear bomb. *At Work in the Fields of the Bomb* will bring you face-to-face with the nuclear bomb through a series of powerful photographs. Also experience the human side of the nuclear bomb through interviews with weapon designers, atomic workers and radiation experts.

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