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The Tech

MIT
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Friday, October 25, 1985



Tech Photo by H. Todd Fujinaka

Lt. General James Abrahamson '55 speaks at an SDI Forum in Faneuil Hall Thursday. The event was organized by the Ford Hall Forum.

Director defends SDI

By Ben Stanger

Lt. Gen. James A. Abrahamson '55, director of the Strategic Defense Initiative Organization (SDIO), said last night in Faneuil Hall that the SDI program, like all research, will not "inevitably lead to deployment and development."

Abrahamson stressed the investigative aspect of SDI. "We think it is a program with great hope for the future," he said. He compared SDI to the NASA Space Shuttle program, which he directed until President Ronald W. Reagan appointed him director of SDIO.

To say we cannot have an effective defense strategy "is against all what MIT stands for, and certainly against what our country stands for," he said.

Abrahamson criticized the present defensive system. The Soviet

Union's military doctrine does not worry about a US first strike, he said. The Soviet Union is instead worried about our retaliatory capability.

"We have to think, what is their capability. . . . In three to four years, they could put a terminal defense over [selected sights]," Abrahamson said. These Anti-Ballistic Missile (ABM) systems don't provide much protection to either of our countries, however, because they "can be overcome" by a larger number of missiles.

The only effective use of a terminal defense is against a "ragged retaliatory strike by the US," according to Abrahamson. If the present policy of deterrence fails, he warned, then every warhead gets through.

Abrahamson said that with SDI, Reagan wants to end American's fears of nuclear war. SDI was chosen because of the failure of other military protocols, including negotiations, according to Abrahamson. "We seem caught in this trap," he said.

(Please turn to page 12)

Computer experts meet to debate SDI feasibility

By Derek Chiou

Could reliable software ever be written for the Strategic Defense Initiative (SDI)? Five of the most prominent computer scientists in North America debated their positions concerning SDI Monday night in a packed Kresge Auditorium.

David L. Parnas of the University of Victoria in British Columbia and Joseph Weizenbaum of MIT, spoke against "Star Wars." Charles L. Seitz '65 of the California Institute of Technology (Caltech) and Danny Cohen of the University of Southern California (USC) spoke in favor of the system.

Michael L. Dertouzos PhD '64 of MIT moderated the discussion. The debate was sponsored by the MIT Laboratory for Computer Science (LCS) and Computer Professionals for Social Responsibility.

Parnas, a prominent software engineer and consultant for a number of US defense projects, was the first speaker. He was a part of the Strategic Defense Initiative Organization (SDIO), and a member of a computer research advising panel. He resigned from the panel, because he felt "SDI

cannot meet its advertised goals," and because "SDIO is not a good mechanism for funding research."

Parnas claimed that reliable software for SDI could never be written. He said development of a successful "Star Wars" operating system is less likely than ten thousand monkeys randomly typing the *Encyclopedia Britannica*.

Software can be verified by mathematical analysis, case analysis, extensive testing or a combination of the three, according to Parnas. None of these methods apply to the SDI software, he said.

Parnas explained that "Star Wars" software is more difficult to write than other software because:

- it must locate enemy missiles that is not already known;
- it is impossible to ensure that it will not fail during an attack;
- it must meet "hard, real-time deadlines;"
- it cannot be modified during its actual operation nor can it be easily modified in peacetime because of its size;
- and it is susceptible to espionage.

The resulting unreliability of the system renders it useless, Parnas said. He suggested it may even weaken our strategic defense by forcing potential opponents to speed up their own military build-up.

(Please turn to page 13)

Feminists oppose referendum

By Harold A. Stern

Analysis

Third in a series on proposed Cambridge pornography legislation

Feminists are not unanimous in their support of the Cambridge anti-pornography referendum. Many of the speakers at the recent MIT/Harvard symposium on women and pornography attacked the measure; sentiments ranged from those who believed that control over pornography would not help the situation to those who thought the referendum would actually result in harm to the women's movement

as a whole.

Many feminists, according to Marsha Pally, a freelance feminist author, believe that every problem of women is a subset of pornography. She said this view is inaccurate, and speculated that the women's movement would suffer a major loss of prestige if the removal of pornography from society did not lead to a decrease in rape statistics.

Violence and sexism existed for thousands of years before pornography did, Pally continued. Violence and pornography "interact in a different way" than many feminists think.

"Pornography may be the

symptom and not the cause," she claimed. Sexism stems from the structure of our society, Pally said, rather than the existence of sexually explicit literature.

The women's movement presently possesses little money and less clout, Pally said. Feminists cannot afford to fritter it away, she warned, by barking up the wrong tree.

Pornographic material is not meant to be taken as true, and is unlike "instruction sets." It is intended only to be fantasies, she explained. In addition, she claimed, the vast percentage of pornography is non-violent.

Feminists should examine the family structure in order to halt violence against women, and address the psychological fuel behind misogyny. Mothers, she said, are "the sole reminder of infantile trauma . . . implicated in every childhood disappointment."

"Why does anti-pornography argument feel so right?" Pally asked. The answer, she claimed, was easy to identify: "It carries the voice of mom — sex is icky,

(Please turn to page 11)

Court upholds nerve gas ban

By Earl C. Yen

The two-year controversy over Arthur D. Little's testing of toxic nerve gas ended this summer when the Massachusetts Supreme Judicial Court (SJC) upheld a Cambridge ban on the testing of nerve and blister agents.

Little, a research and development firm, had been conducting nerve gas tests at its Levins Laboratory Complex for Safe Handling of Toxic Materials, a multi-million dollar chemical testing installation in West Cambridge. The Department of Defense

(DOD) had provided funding for the tests since the fall of 1983.

The SJC refused to overturn a recent decision of the Middlesex Superior Court. The Superior Court had ruled in favor of the Cambridge prohibition of the testing of five specific chemicals used by Little.

The decision, handed down by the SJC on Aug. 1, stated that the prohibition was "a permissible attempt by the city of Cambridge to protect the health and welfare of its inhabitants. Nothing in the record suggests that the densely populated city of Cambridge

(Please turn to page 2)



Tech Photo by Steve Y. Kishi

Michelle Eisgruber leaps for a spike during Wednesday's women's volleyball game against Northeastern University. MIT lost the match, 15-12, 15-4, 15-6. The next home game will be Oct. 29 vs. Springfield College.

Area colleges establish new alcohol policies

By Suzanne J. Sandor

Five major Boston-area colleges have reacted in varying degrees to the June 1 raising of the Commonwealth's drinking age from 20 to 21.

Boston College (BC), Boston University (BU), Tufts University, Wellesley College, and Harvard University are among several local institutions that have adopted guidelines to limit drinking by underage students.

Most undergraduates in the Boston area are too young to legally consume or buy alcohol. "Each institution handles this issue in different ways given the

nature of the student body . . . [but] people in general do drink responsibly," said Leo Osgood, MIT assistant dean for student affairs.

The alcohol policies at BC have become more rigid this year, according to *The Heights*, a BC college newspaper. The school's *Policies and Procedures Manual* prohibits the use of "beer balls" at any social gathering. Alcohol is prohibited at any Newton or Upper Campus location and is subject to confiscation.

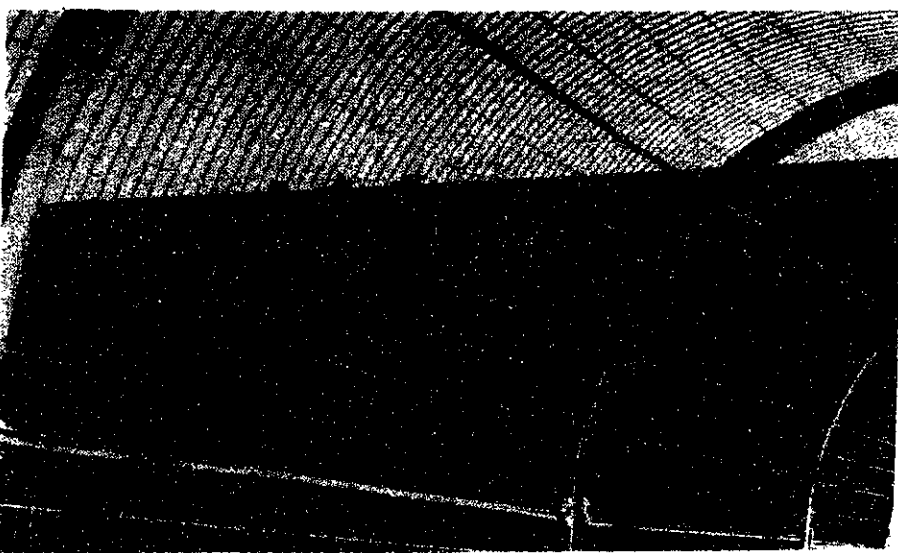
No BC students under the legal drinking age may consume or

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inside

Much Ado About Nothing something. Page 8.

Brigadoon, an ephemeral delight for you. Page 9.



Tech Photo by Steven Wheatman

Arthur D. Little headquarters in Cambridge.



Tech Photo by Paul Sajda
Emily Ng '87 smashes a forehand during Tuesday's tennis match against Southern Massachusetts University.

Industry slumps leave graduate hiring unhurt

By David Jedlinsky
Last year's slowing of the computer industry had little effect on the numbers of interviews and job offers for MIT graduates, according to the Placement Office's annual report to the president.
On the contrary, a record number of companies requested the resume book, which lists about 1000 resumes of students looking for jobs, the report stated.
Salary offers remained the same in most fields, the only indication of a recession. Graduates in architecture, however, received salary offers as high as 10 percent above those of last year.
There were 9012 interviews this year, down from a high of 10,043 in 1982. 431 companies conducted interviews, also down slightly from the record of 450 set in 1982, the report said.
Engineering students today have more diverse interests than

those of a few years ago, the report stated. Most are searching for a career that will satisfy these interests as well as the discipline in which they have majored.
"This is where the Placement Office comes in," said Robert K. Weatherall, director of Career Services and Preprofessional Advising. "The choice of major by a student is not necessarily his choice of career."
The Placement Office counsels students to help them decide which career would suit them best, Weatherall explained. The office publishes various literature, such as the *Careers Handbook*, to aid students in making this decision.
Weatherall added that most engineers presently want to move up into higher level management positions, contrary to engineers of the past.

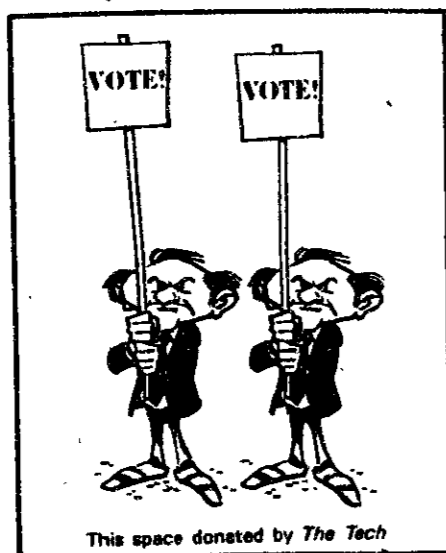
Cambridge bans testing of nerve gas

(Continued from page 1)
bridge is somehow uniquely suited to research on chemical warfare.
"We were disappointed," said Alma Treiner, vice president for public relations at Little. "But you have to be prepared for every possibility in the legal arena."
The firm's attorneys had argued that its research was protected by the supremacy clause in the US Constitution, which gives national defense work immunity from local laws, according to the Aug. 2 *Boston Globe*.
The SJC decision stated, "Not every regulation which has some incidental effect on a defense program is invalid under the supremacy clause."
Cambridge City Manager Robert W. Healy commented in the *Globe*, "This is an important decision upholding the rights of Massachusetts communities to reasonably issue and implement regulations for the health and welfare of its inhabitants."

mental groups used the case for focusing attention on environmental issues. Also, many people were morally opposed to any kind of chemical warfare. That combination created the atmosphere for a lot of publicity. There was so much noise that it was difficult for the facts to come through.
Residents of the West Cambridge community made several protests that the testing should not be conducted in such a highly-populated area, according to the *Globe*.
A scientific advisory panel appointed by the city wrote, "The benefits of research with these chemical warfare agents do not justify lethal risks to any individuals."
Several Little officials stressed the laboratory's thorough safety

measures such as double-locked doors, electronic surveillance, a vault for storage of highly toxic materials, and triple air-filtering systems, the *Globe* reported.
The SJC ruling noted, "Banning research on these chemicals within that city hardly requires the abandonment of the DOD's chemical warfare program. The DOD remains free to conduct its research elsewhere."
Army personnel removed the chemicals from the Cambridge laboratory in mid-September, Treiner said. Little will not continue the research elsewhere, she added.
The testing was conducted to determine methods of detoxifying the chemical warfare agents and to develop better protective clothing for military personnel, Little said.

Cambridge activists affect Court
Pressure from environmental activists influenced the ruling, according to Treiner.
"The city of Cambridge is a particular kind of community," she explained. "Active environ-



This space donated by The Tech

Chemistry professors lauded

By Mary Condello
Klaus Biemann and K. Barry Sharpless, professors of chemistry at MIT, were cited for outstanding research in chemistry by the American Chemical Society (ACS) last month.
Biemann received the Frank H. Field and Joe L. Franklin Award for Outstanding Achievement in Mass Spectrometry. This newly established award, sponsored by Extranuclear Laboratories, Inc., honors either fundamental work in the field or applications, alternating each year. This year, outstanding applications of mass spectrometry were recognized.
Biemann, who earned a Ph D in organic chemistry from the University of Innsbruck, Austria in 1951, has worked at MIT since 1955 and was named professor of chemistry in 1963. He describes his work as dealing with "the use of mass spectrometry to determine the structure of organic compounds of biological significance."

Head of the department of chemistry Christopher Walsh called Biemann "the central figure in modern mass spectroscopy in research." While chemists are often categorized either as analytical, organic or inorganic, Biemann bridges the gap between disciplines, Walsh said. He has "pioneered new techniques" that are of use in organic chemistry.
In addition, Biemann has done work with analytical significance, and has contributed to medicine with research that relates to drug metabolism and toxicology, he added.

Sharpless was one of ten recipients of the annual Arthur C. Cope Scholar Award. The award is given to acknowledge and promote exceptional achievements in organic chemistry, and includes a grant of \$15,000 for unrestricted use in research.
Sharpless received his B A

from Dartmouth College and his Ph D from Stanford University. He joined the MIT faculty in 1970, taught at Stanford from 1977 to 1980 and then returned to MIT.
Two past accomplishments which Sharpless values are receiving the ACS's Award for Creative Work in Synthetic Organic Chemistry in 1982 and being elected to the National Academy of Sciences in 1985.
Sharpless' main area of research involves catalysis. He is "trying to develop selective man-made catalysts that are more gen-

eral than enzymes," he said. Enzymes work well in the body, but man-made catalysts are sometimes preferred for reactions occurring outside the body, he added.
His work has applications in environmental areas and the pharmaceutical and fine chemical industry. While at Stanford, Sharpless developed a process now used in gypsy moth traps.
"He's the most creative and inventive synthetic organic chemist anywhere in his age group," said Walsh, adding "He's an infectious, enthusiastic lecturer."

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TOUT FEU TOUT FLAMME - directed by Jean-Paul Rappeneau (1981) starring Yves Montand and Isabelle Adjani, with Laurent Huelin and Jean Soubouin 118
Rappeneau tells of the struggles of Pauline (Adjani), an independent, highly efficient young lady who manages to keep the family together and to protect its patrimony against the adventurous schemes of an absentee father (Montand), Montand and Adjani are perfect as the protagonists of this sophisticated father/daughter comedy.
Thurs., Oct. 24 & Sat., Nov. 2 10:00-12-2-4-6-8-10 p.m.

L'AFRICAIN - directed by Philippe de Broca (1983) starring Catherine Deneuve and Philippe Noiret 110
Charlotte (Deneuve), a travel agent who is sick of renting burgloves in the Bahamas or Bermuda to her clients, goes to Africa in search of new vacation spots to promote. A chance encounter with her estranged husband (Noiret) gives her a much different perspective on the Africa she had come to exploit.
Thurs., Oct. 28 & Fri., Nov. 1 10:00-12-2-4-6-8-10 p.m.

HOTEL DES AMERIQUES - directed by Andre Techine (1981) starring Catherine Deneuve and Francis Deseaux 210
In Biarritz one night a chance encounter develops into a precarious and erotic love story in which two lovers pull simultaneously toward and away from each other. Their captivation and haunting relationship is set against the sunbright beach of off-season Biarritz in a hotel that will soon be run by American investors.
Fri., Oct. 25 & Sun., Nov 3 10:00-12:30-3:00-5:30-8:00-10:15

RIVE DROITE, RIVE GAUCHE - directed by Philippe de Broca (1984) starring Gerard Depardieu and Nathalie Baye 110
A well-established, married attorney (Depardieu) from Paris' Right Bank is in the midst of defending a corrupt lawyer. But he begins to take a second look at his professional ethics when romantic involvement with a public relations divorcee (Baye) from the Left Bank causes them both to rethink their lifestyles and face the consequences.
Tues., Oct. 29 & Mon., Nov. 4 10:00-12-2-4-6-8-10 p.m.

LE TARTUFFE - directed by Gerard Depardieu (1984) starring Gerard Depardieu, Francoise Perini, and Elisabeth Depardieu 210
This new film marks the directorial debut of Gerard Depardieu who shows that he is equally at ease acting and directing (repetitive theatre parts as he is in light contemporary roles. Depardieu filmed Moliere's classic comedy of religious hypocrisy from the Theatre National de Strasbourg production.
Sat., Oct. 26 & Wed., Nov. 6 10:00-12:30-3:00-5:30-8:00-10:30

MALEVIL - directed by Christian de Chalonge (1981) starring Michel Serrault, Jacques Dutronc, Robert Dreyer 29
Enormous noise, sudden heat, unknown fear. Six men & a woman in the ruins of a castle must face the fact: they are probably the only survivors of a nuclear catastrophe. But another "group" survived too. Will friendship, brotherhood & love permit them to co-exist and await better days?
Wed., Oct. 30 & Tues., Nov. 5 10:15-12:30-2:45-5:15-7:45-10:00

LE BON PLAISIR - directed by Francis Girod (1985) starring Catherine Deneuve, Michel Serrault and Jean-Louis Trintignant 114
Written by a former French Minister, Francoise Girod, this film examines the archetype of the man of power. Trintignant plays a French president whose position is suddenly threatened when an old letter to his long-time mistress (Deneuve), gets into the wrong hands. Which president did the author have in mind?
Sun., Oct. 27 & Thurs., Oct. 31 10:00-12-2-4-6-8-10 p.m.

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news roundup

World

Jordan arms sale is postponed — President Ronald W. Reagan endorsed a Senate resolution barring arms sales to Jordan until March, unless Jordan and Israel began "direct and meaningful peace negotiations" before then. The move by Senate leaders helped to avoid an immediate defeat of the proposed \$1.9 billion sale. Sen. Richard Lugar, architect of the compromise, argued that it "keeps the peace process going without having a negative vote in the middle of this, which would be discouraging to all parties involved."

Hussein rebuffs Israeli prime minister's offer to negotiate — King Hussein of Jordan welcomed Shimon Peres' peace proposal, but said that the plan did not "meet the needs of the moment." Peres offered to visit Jordan before the end of the year in order to participate in a Middle East peace conference.

White House says Star Wars not negotiable — White House spokesman Larry Speakes denied a *Washington Post* story stating that the US would negotiate any future deployment of a missile defense system. Said Speakes of the *Post* report, "It was made up out of thin air."

US accuses Soviets of violating SALT II — Defense Secretary Caspar Weinberger announced that Soviet deployment of the new SS-25 missile is "an unquestionable violation" of a provision in the treaty barring testing or deploying more than one "new type" of ICBM. Weinberger's statement was part of a speech criticizing the Soviets' position on arms control.

Cranston claims China is exporting nuclear data — China is releasing nuclear information to five nations with "the most dangerous nuclear programs," according to Sen. Alan Cranston (D-CA). This contradicted Peking's pledge not to help other countries develop nuclear weapons. Cranston opposes Congressional approval of a nuclear cooperation pact with China.

Nation

Inflation remains low — The Labor Department announced that consumer prices rose by 0.2 percent last. The consumer price index is the basis of the government's calculation of the annual cost-of-living adjustment for Social Security benefits. The government announced that benefits would rise 3.5 percent in January, down from the 3.5 percent increase of the past two years.

Judge uphold precedence of national defense over local interests — A New York State Supreme Court justice rejected a referendum opposing plans for a Staten Island naval base for warships capable of carrying nuclear weapons. Justice Charles Kuffner Jr. ordered the measure removed from the Nov. 5 ballot on the grounds that it would infringe upon the government's power to provide for the common defense of the nation.

Tentative accord reached at Chrysler — The United Automobile Workers and Chrysler Corporation reached a tentative contract agreement following a 42-hour bargaining session. The agreement provides immediate bonuses to active and retired Chrysler workers, as well as pay and benefit increases to match those of workers at Ford and GM. Approval by members would end a week-old strike at Chrysler.

Man executed for Lindbergh murder is innocent, says widow — Recently-released documents prove that New Jersey killed an innocent man when they executed Bruno Hauptmann for the 1932 kidnapping and murder of Charles Lindbergh Jr., according to his wife Anna. State investigators said the papers prove the verdict correct, but Anna said that the more than 23,000 documents "prove he was framed."

Campus

Speakes mispeaks, confusing Michaelangelo and Modigliani — Nobel Prize-winner Franco Modigliani did not paint the Sistine Chapel — assertions by White House spokesman Larry Speakes notwithstanding. Speakes, when asked about Modigliani's recent criticism of Reagan-supported balanced-budget legislation, replied, "I thought he was the fellow that painted the Sistine Chapel." Modigliani interpreted the remark as "an ignorant slur" that "had an ethnic connotation." Italian-Americans have criticized Speakes in the past, most recently for his reference to "EYE-talians" made when discussing the hijacking of the *Achille Lauro*.

Atkins calls Speakes' comments inappropriate — Rep. Chester Atkins (D-MA) sent a letter to the White House Spokesman Larry Speakes criticizing Monday's remarks. "I guess it isn't surprising," he wrote, "that an administration that missed its target for balancing the budget by \$200 billion could confuse two painters [Michaelangelo Buonarrotti and Amedeo Modigliani] who were separated by just four centuries. [1475-1564 and 1884-1920, respectively]"

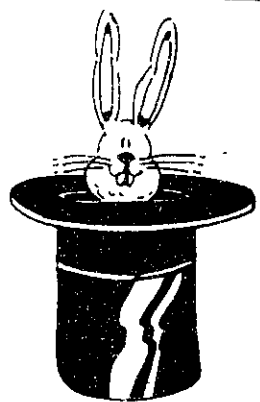
Sports

Royals clip the Cardinals' wings — Kansas City had their backs to the fences at Royals Stadium last night, trailing in the best-of-seven series by a three games to one margin. Led by starting pitcher Danny Jackson, they shut down the St. Louis offense, extending their season by at least one more game with a 6-1 victory.

Weather

Future looks cloudy — The string of sunshine ends today, with a 60 percent chance of showers. High temperatures will be in the mid 60s.

Donald Yee
Harold A. Stern



(Please turn to page 17)

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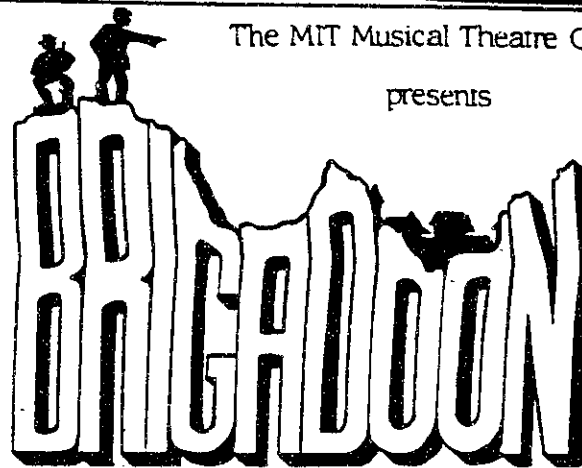
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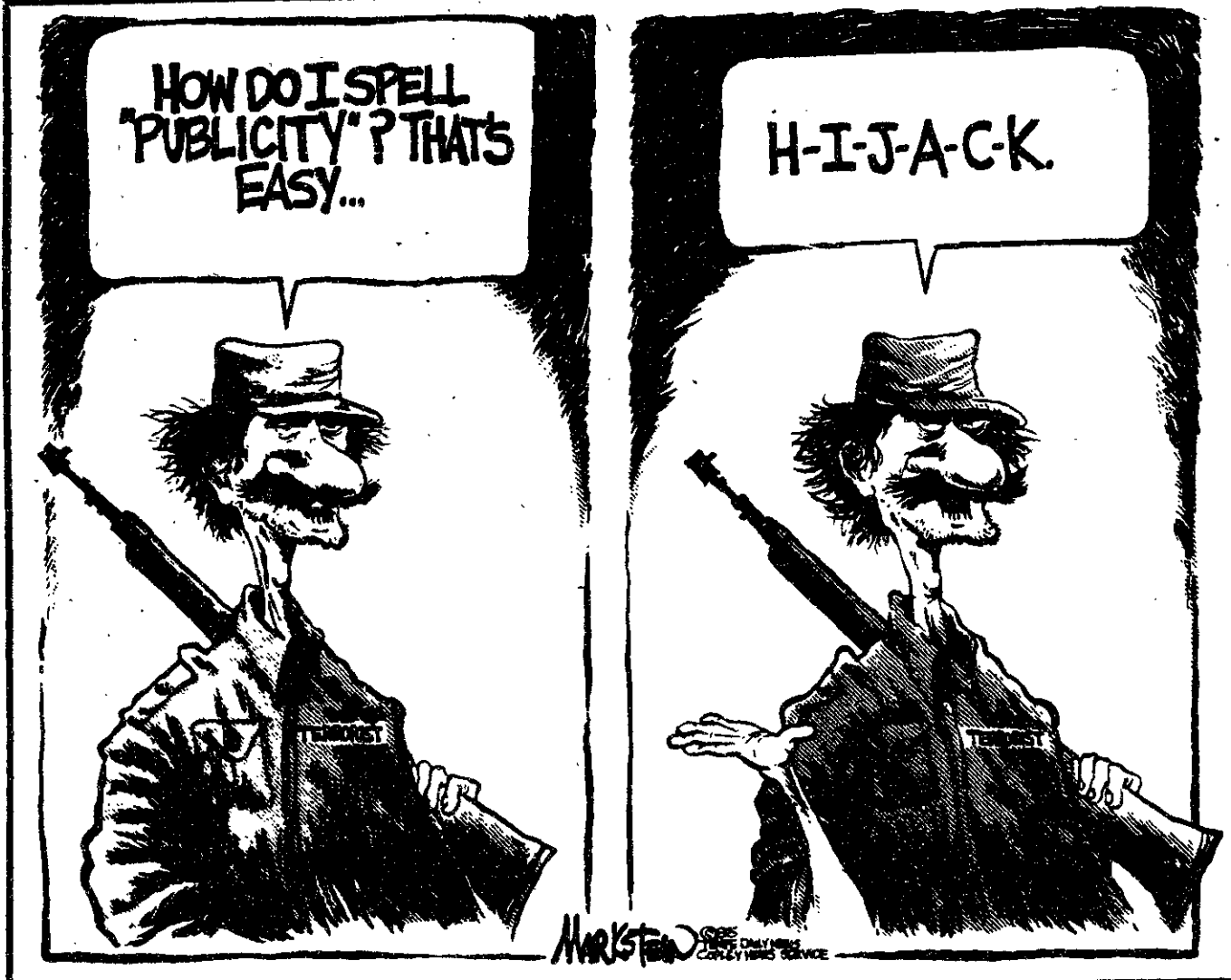
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opinion



Guest Column/Ian G. Clapp Rock music is a legitimate art form

Professor John Harbison failed to make a few distinctions in his column ["Can We, too, Be the World?" Oct. 22]. When he wrote about rock music, he fell prey to popular stereotypes of the art form, emphasizing only its commercial aspects. Rock music has many more facets: it is a legitimate form of music.

Harbison chose only to think of rock musicians as swaggering, flaunting, drug and sex pushing puppets of the mass media. He said concert music, on the other hand, "seeks transcendence, the awareness of death [and] the control of time . . ."

He implied that Madonna and similar performers can't give the moving effects that concert music can give and that they aren't really, as his otherwise well-cultured friend said, the "Mozarts and Beethovens of today." Actually, Harbison is not far off the mark.

There is, however, a difference between pop and rock music.

Pop music is to a large extent intricately woven with high visibility personalities who are often not musical virtuosos. That's why we can have a certain TV comedian put together a cute but musically bereft song and have it playing on radio stations across the nation at the flick of a switch. This is how the pop music industry works.

Pop music has existed in one form or another since music itself was invented. The point is that a pop song is not intended to have a lot of musical merit, although it certainly could. Success on the pop charts is not closely tied with musical quality.

Then what is rock music? Rock music is a legitimate form of music, as Harbison stated. As there were and are talented composers of classical music, so there are masters of rock music. We never hear about many of them, for the great mass-media machine can only promote a relatively small number at a time. I would like the professor to realize that rock musicians come from varied backgrounds and have varied intents.

Some groups, like Frankie Goes to Hollywood, are "made for MTV" and are heavily promoted to make a lot of money in a short time. This is the essence of pop music, and no one has to like the way it works. But one does have to be aware that the institution of pop music has had a lot of support from listeners and will continue to exist, purely musical considerations aside.

There are rock (and other) musicians who actually shun the promises of stardom and a quick fortune and play music solely for artistic reasons. Perhaps their records are on the same rack with Madonna's. But should they be judged the same as others?

Classical music is indeed great because it can express such a wide range of emotions. It is also great because its composers intended it to have great musical qualities. Such is the case with many rock composers. I wonder if Harbison has ever heard, for example, the guitar playing of Jimmy Page, Jimi Hendrix, Edward Van Halen, or Rik Emmett.

These individuals are among many who have written compositions that capture human emotion just as well as any piece Beethoven or Mozart ever wrote. Even vocal-oriented songs such as *Suite Madame Blue*, by Styx, *New Year's Day*, by U2, or *Mistral Wind*, by Heart can affect people, making them aware of the fragility of human existence, hopeful for the future, or doubt-

(Please turn to page 6)

The Tech

Volume 105, Number 44 Tuesday, October 25, 1985

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Column/Joseph Shipman

Globe misleads on South Africa death

"South Africa Executes Poet," shouted the *Globe* headline.

My gosh, I thought, now they're not only imprisoning dissident writers, they're executing them. What trumped-up charge did they pin on him? Espionage? Sedition? Slandering the state? This sounded bad.

The next few paragraphs seemed to confirm my impression — there were protests all over the world, and officials from a large number of governments, including the United States and the Soviet Union, condemned the South African government's denial of clemency.

At last, the article revealed that the "poet," Benjamin Moloise, had been convicted of murdering a black South African policeman. Moloise had even admitted being in on the conspiracy, although he denied pulling the trigger.

What is going on here? Moloise was a revolutionary, a member of the African National Congress (ANC), which is dedicated to the overthrow of the apartheid regime in South Africa. He had penned some verses, but that is supremely irrelevant to the issue of his trial and execution. The *Globe*, along with many other newspapers, had been irresponsible and misleading.

Although he was a revolutionary and a poet, Moloise earned

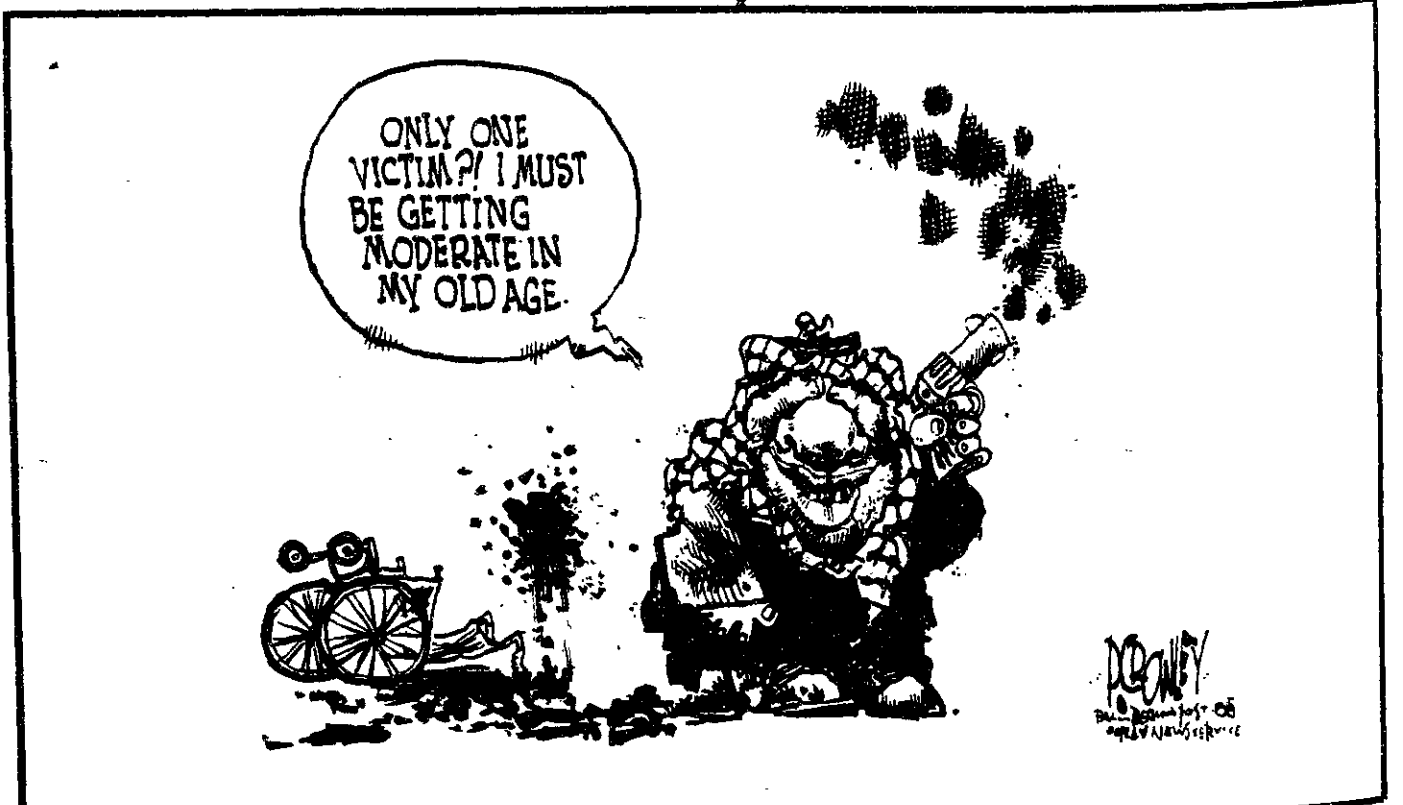
his daily bread as an upholsterer. Can you imagine a headline: "South Africa Executes Upholsterer"?

Some people have called Moloise a terrorist. I think the term "revolutionary" is more accurate. I am not passing judgment on whether the ANC should use violent measures to achieve its ends, although I do agree with those ends. But from the point of view of the South African government, Moloise was a murderer.

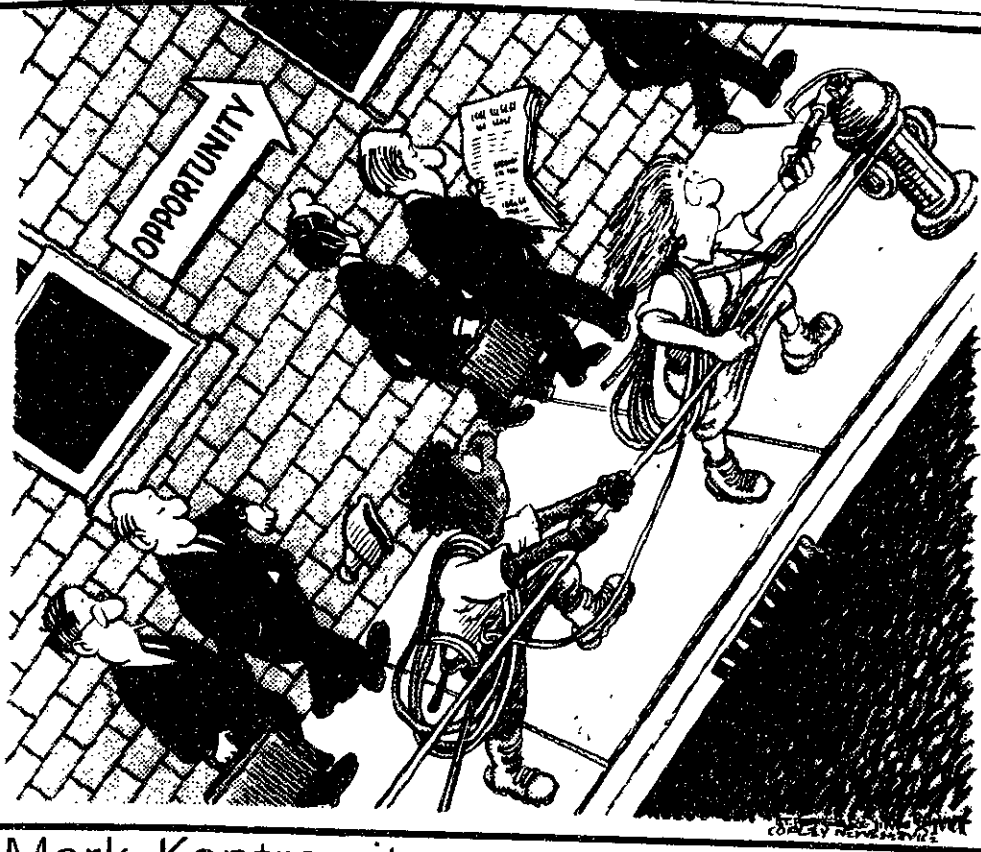
Why are we wasting our energy condemning the execution of a killer? It may be correct to view the ANC's struggle as a war, and excuse Moloise's acts as we would those of a soldier fighting for his country. But we have no business telling South Africa they can't execute a murderer. After all, many states in this country enforce the death penalty for the murder of a policeman.

Telling South Africa they should free Moloise was like telling a country at war they should not defend themselves. Even if we feel the country is in the wrong we would not do that.

There is enough to condemn in Pretoria's unjust laws. Condemning South Africa for carrying out the just ones is not going to make its government more likely to listen to us. Nor is slanting the headlines to make the regime look even worse than it is.



opinion



Column/Mark Kantrowitz

Altruism, capitalism not exclusive

Mark Hunter's letter in last Friday's *Tech* ["Morality should precede the law," Oct. 18] disappointed me; I was hoping for a more valid criticism of my column ["Our human rights have been created by society," Tues., Oct. 8]. He resorted to maligning me rather than presenting a coherent counterargument. Hunter also quoted me out of context, attributing false ideas to me.

My column attempted to describe why an individual should want to help society. I do not want, as Hunter claims I do, to make the individual a "vassal of the state;" in fact, I would strongly dislike any system in which the few make decisions for the many.

The phrase "impose an obligation" as I used it in my column is not a contradiction in terms. An obligation is a legal or moral

duty or responsibility. Obligations are not only contractual in nature, Mr. Hunter. The word obligation also means (at least according to the Random House Dictionary) a debt of gratitude.

Altruism and capitalism are not mutually exclusive concepts, despite what Hunter claims. A member of capitalistic society may be altruistic if he so wishes. In my column I was providing reasons why the individual capitalist should take the rest of the world into account when making important decisions. Important decisions are those which have a capacity to hurt or help others. This includes one's choice of profession.

Hunter's statement that self-interest is an ethical principle is incorrect. Self-interest is an example of ethos, not ethics.

Hunter also stated that moral

rights have "their source in the nature of man." What is it in "the nature of man" that gives him these rights? Hunter, like Honig, did not provide us with any reasons to believe his claim. Stating that something is so doesn't make it true.

Hunter confuses the difference between the words "society" and "State" and between the words "rights" and "power." A society is a body of individuals living as members of a community; a State is any political or governmental unit. Power is the capacity or strength to control and influence others; rights are things, powers and privileges to which one has a just claim.

Contrary to what Hunter claims, societies have the power to remove or "violate" the rights of the individual. This is a simple (Please turn to page 6)

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feedback

Respect other opinions

To the Editor:

I am dismayed by the responses I have seen in recent weeks to protests at MIT. I have seen posters asking, "Need a cause? Protest protesting at MIT." I have been assaulted by Athena system messages demanding that the US withdraw from Nebraska. I have heard entire lectures boo and hiss at students who staged dramatic takeovers and shootings during the class. And I have heard snippets of conversation — "It wouldn't be such a problem if they didn't draw so much attention to it," or "God. Not another protest!"

I address myself to those in the community who embody and spread this attitude: Have some respect.

This is an academic community, based on the supremacy of ideas, yet you are ridiculing those who express them. If someone feels strongly enough about an issue to publicly express his beliefs, you owe it to that person to listen with an open mind, and to consider carefully whether his or her beliefs have any validity in the world as you see it.

If you want to wrap yourself in apathy and shy from social conscience, that is your right, but you *must* respect the opinions of others.

David Flanagan '89

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opinion



Public trust is an informal bind

(Continued from page 5)
 observation of what actually happens in the world. US citizens who do not pay their taxes are imprisoned. Criminals are imprisoned and may even lose their lives. These are examples of human beings whose rights (to freedom, to life) have been removed. If the State has the power to violate the rights of specific members, as it apparently does, then such rights effectively do not exist except as a result of society's restraining the State.

As I said in my column, a solitary man has relatively little power over his fellow members of society. A society of a hundred million people, however, has the cumulative power of its hundred million members. A society can use this power to establish rights and responsibilities for its members. Through the State, society enforces these rights.

The public trust is an informal obligation imposed by society on its members and institutions of power. Society expects its members to act responsibly toward other members.

Hunter states that a "person has the moral right to his own life." A moral right, however, is a right which is in accordance with principles of right and wrong. But who defines these principles? God? The community? The individual? This is an undecidable issue.

Nevertheless, in voluntarily becoming a member of society, the individual agrees to abide by its rules and regulations (its definition of right and wrong) until he decides to withdraw his membership. As a member of society you share in both the benefits and obligations of the community.

The basic tenet of Ayn Rand's philosophy is that the individual is the only thing that matters. To a pure Randian, the rest of soci-

ety is of no consequence. The Randian might graciously consider the needs of society, but only if it's worth his while.

Mr. Hunter, if inalienable moral rights exist, then these rights

must apply not only to you, but to the rest of humanity as well. It would be immoral for you to think only of yourself when making decisions that affect other people.

Rock music is an expressive form of art

(Continued from page 4)
 ful of their purpose in life.

In short, rock (and other forms of music) can have the same emotional power that concert music often has. No drugs are required for the listener to hear this power. A lot of rock songs are, in a word, powerful — but only to those who appreciate and understand the rock format. As the saying goes, each to his or her own.

I certainly don't mean to belittle Harbison's musical tastes. In fact, I agree with a lot of what he said in his article and wish him success with his group. However, there are many other music groups with a wide range of styles, including rock, that are also waiting to get out of the proverbial "alley of a side-street" and be appreciated.

Attention Graduate Students!

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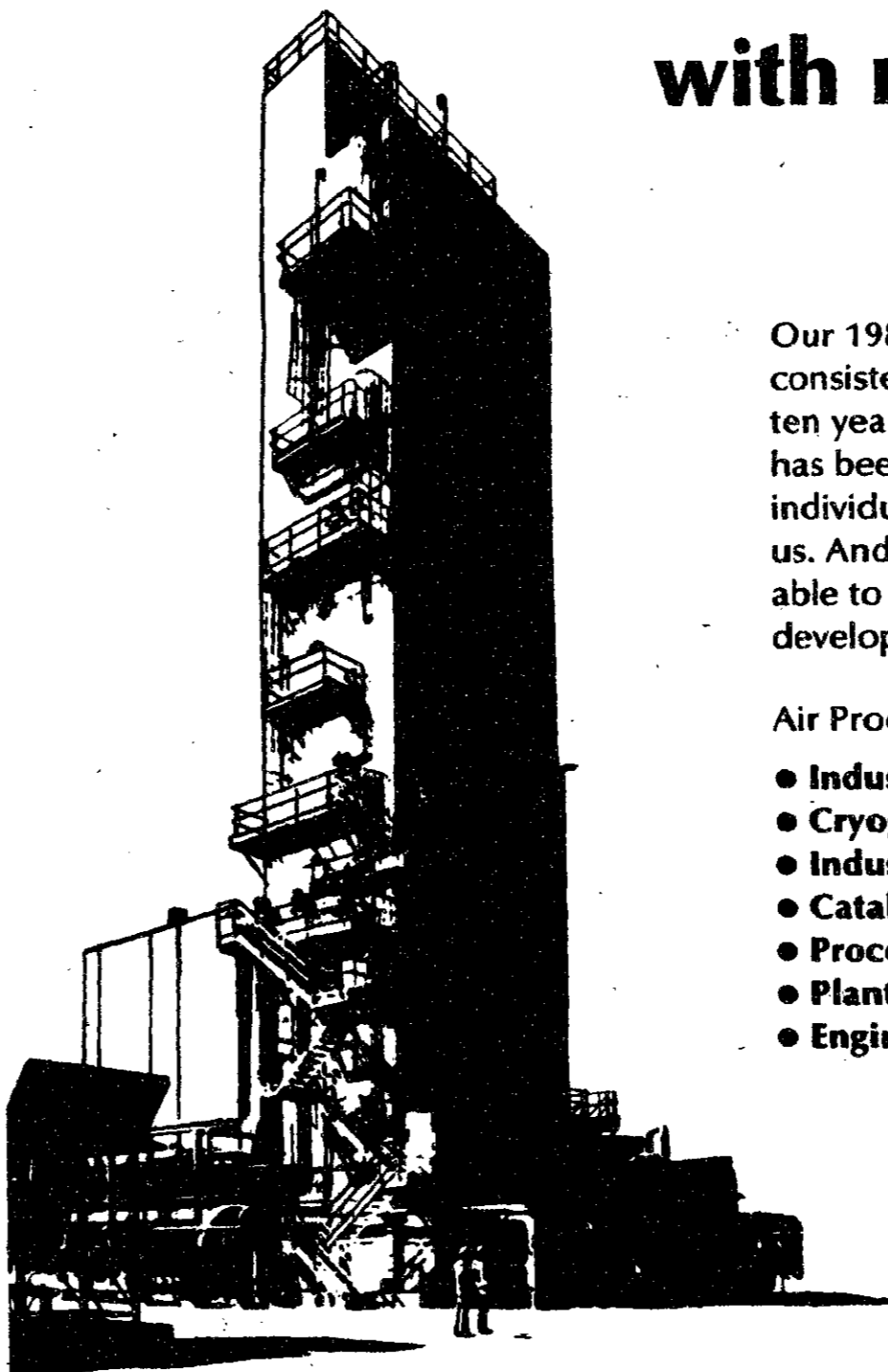
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opinion

feedback

Dissent is large part of freedom

To the Editor:

I am perplexed by the letter of Samuel Park and others ["Action opposes individual freedom," Oct. 18] responding to the campaigns against Star Wars (SDI) and the CIA. The letter claims to support freedom by opposing dissent.

Such a strange argument prompts me to ask what kind of society these people truly want. Our right of free speech was established to check the potential for tyranny by allowing people to openly criticize government. Park *et al.* seem to support freedom as long as it poses no threat to the government's agenda.

Furthermore, their fanatic determination to provoke an escalation in defensive weapons seems completely blind to the potential hazards. I believe that a new word is needed to describe people obsessed with this disturbing technological fixation. In responding to the points of the letter, I shall refer to these people as "defenseniks."

• The defenseniks first urge students and faculty not to "see themselves shackled by restrictions concocted by [groups against Star Wars or CIA recruitment]."

To what restrictions are they referring? We merely presented arguments against SDI. If people are affected by listening they aren't shackled; they are convinced.

• The defenseniks state that "research is needed because there are many problems involved in constructing a defense against nuclear weapons."

Well, there are many problems involved in developing chemicals to efficiently burn bodies in concentration camps. Should we research that too? Research must be justified by benefits that outweigh costs and risks. But SDI can be underfunded with cruise missiles, nullifying its intended benefit. If you think the statement "SDI research won't fuel the arms race" is naive, consider the statement "SDI will work."

• The defenseniks state that the SDI pledge aims to "...prohibit research to resolve these difficulties [of defense against nuclear weapons]."

Not so. Some research (perhaps \$50 million at a national level) is probably justified. What we want to prohibit is the \$2.75 billion SDI program — \$65 million at MIT alone. Such an expenditure is unconscionable when there are pressing, realistic problems that MIT professors want to work on such as acid rain. But they lack funding.

• The defenseniks claim "[SDI] research is warranted because it is the legitimate concern of government to provide for the common defense."

But SDI will not defend us. It will possibly destroy us. By wasting fiscal and human resources, thus damaging our economic competitiveness, it will certainly weaken us. It is not the legitimate concern of government to provide national impotence.

Perhaps the defenseniks are simply scared by people such as myself who are "violently" opposed to defense. Well, I have a surprise for them: I am not opposed to defense. Defense is necessary, and people working in the defense industry are probably trying to do a good job.

I am not opposed to the post office either. Most people working for the postal service are also trying to do a good job. But if the post office employed 20 million people and supported 56.5 percent of research performed at MIT, I wouldn't say the postal service as a whole was doing a good job. I would say it was bloated and inef-

ficient. (Unless, perhaps, I was a professor and for twenty years they had been giving me generous grants for "postally-oriented" basic research.)

I believe the defense industry as a whole is doing a terrible job, because it drains federal tax dollars by gearing itself toward high-profit, gold-plated weapons while hurting the private sector by employing too many high-tech people. My belief was reinforced by three summers of work at a defense contractor that is phasing out many civilian research programs, by Senator Barry Goldwater last week, by David Parnas the other night, and by James Lonson, who cited "less money to spend on real weapons like bazookas" as a reason MIT people should work on SDI.

Such a corrupt system can be reformed only if people are willing to confront the system. But there is a tendency for any individual in a large organization to resist questioning the whole organization openly.

For example, many MIT professors I talked to who receive de-

fense money privately agreed there was rampant incompetence, misdirection and waste among defense contractors. Yet they refused to admit they are part of the problem because they help sustain the illusion of credibility by accepting defense funds when they disagree with defense goals.

We should feel proud — not threatened — that some professors, like Vera Kistiakowsky and James Melcher, have stood up for their beliefs. I hope other professors will follow their example, and only work on projects in which they believe.

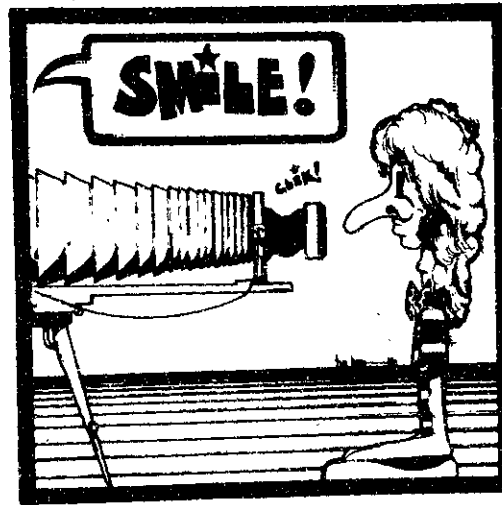
It might be easier to unquestioningly follow the priorities set by government, like sheep. But I would expect more from MIT students. We should be embarrassed by letters that tell us we have the "freedom" to do whatever the government wants us to do, regardless of the consequences of these actions.

Do Park *et al.* suggest that protesting government action denies people the freedom to be subservient?

Rich Cowan G

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Arts

Arts

On The T

Much To Do with Everything

Much Ado About Nothing, presented by *The MIT Shakespeare Ensemble*, through *Tuesday in the Sala de Puerto Rico*. Tickets \$6, \$4 students. Performances begin at 8pm.

Much Ado About Nothing is one of Shakespeare's more moving comedies. The plot takes rapid shifts from the light, to the devious, to the upsetting. It has all the elements of a good story: a romance, a villain out to ruin everyone's happiness, a lively cast of characters, a couple of unhappy (and unlikely) coincidences, but most important of all, it has a happy ending. Lively acting, excellent direction and competent technical crew made this evening's performance a very enjoyable experience.

Before I start praising the acting — and the acting was very deserving of praise — let me first compliment Stephen O'Donnell for a marvelous set design when one considers the limitations of the Sala de Puerto Rico as a performance space. The lighting design of Randy Hertzman '88 had some dramatic moments, achieving the required atmosphere when needed, subtly complementing the performance throughout.

Anyone familiar with the Ensemble's past performances doesn't need to be told that all its members are talented actors. In *Ado*, under Derek Campbell's direction,

their performances were especially powerful. Andrew Borthwick-Leslie '86, a veteran of the company, was consistent as always in his portrayal of Don Pedro. David Brackman gave an equally convincing performance as Don Pedro's misanthropic, bastard brother, Don John.

Andrea McGimsey '87 and Alexandra Dann, in their roles of Beatrice and Hero respectively, echoed the disparity of values displayed by their eventual husbands, Benedick (Brian Rague G) and Claudio (Tom



Darci '87). All four gave stirring performances, as they became entangled in Don John's diabolical scheme to prevent the marriage of Claudio and Hero.

This performance of *Much Ado About Nothing* is an engaging rendition of the famous Shakespearean play. It will be worth your while to make time to see it this weekend.

Stephen P. Berczuk

Corrado Giambalvo

Friday October

At the ICA, 955 Boylston Street, Presented by the co-directors of the Video Data Bank in Chicago, Lyn Blumenthal and Kate Hørsfeld, *The Science of Fiction/The Fiction of Science*, is a three hour presentation of vintage television, commercials, paid political announcements and contemporary video art. Program will start at 8pm. Admission is \$6 for general public, \$5 for ICA members. For more info call 266-3132.

Saturday, October

The Boston Film/Video Foundation presents the New England Premiere of Stan Brakhage's *The Egyptian Series*, and Morgan Fisher's *Standard Gauge*, plus Paul Sharits' 1982 film *3rd Degree*. Brakhage is one of the world's preeminent experimental filmmakers. His films have always included a critical visual interrogation of the nature of film perception. *Standard Gauge*, is Fisher's cinematic analysis of the difference between 35mm and 16mm. In Paul Sharits film a young woman is being aggressively questioned by an off-screen voice while the strip of film itself is being threatened by fire. Yet another instance of visual questioning of the fragility and vulnerability of the film medium. At 1126 Boylston Street. Admission is \$4 for the general public. Performance starts at 8pm.

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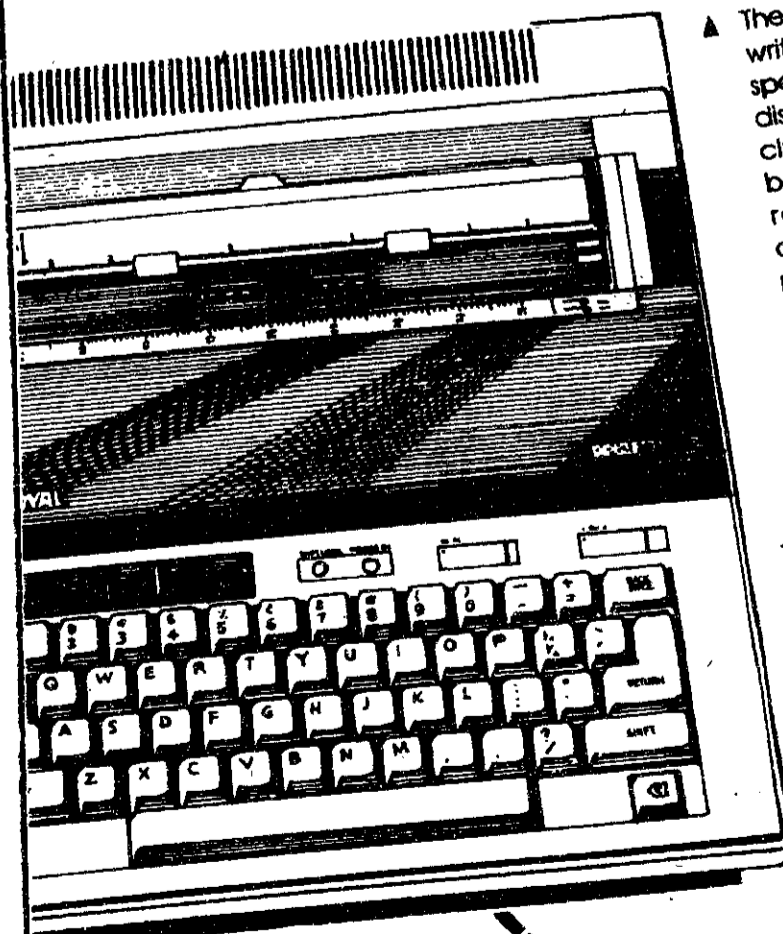
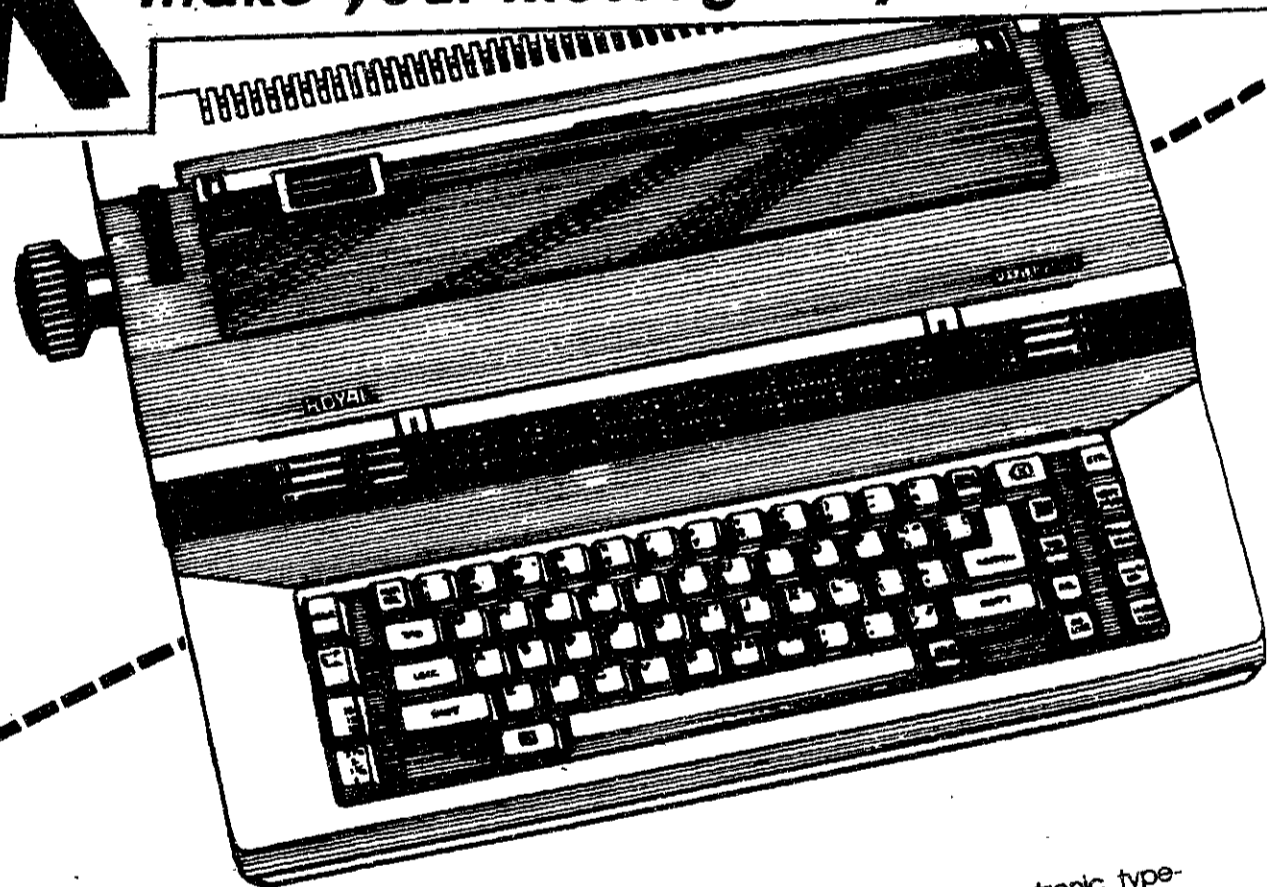
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arts

Arts

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La Voix Humaine, Poulenc's tale of a woman who cannot face the end of an affair is paired with Walton's *Façade*.
Northeastern University, Alumni Auditorium.

October 25 at 8pm. MIT price: \$6.

ANNA RUSSELL

Farewell Boston appearance

Musical Parody, Anna Russell style.

Symphony Hall, October 25 at 8pm. MIT price: \$6

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Members of the Chamber Music Society of Lincoln Center will join the Boston Chamber Music Society for a special gala concert of works by Doppler, Dvorak and Mendelssohn.

Sanders Theatre, October 27, 8pm.

Tickets normally \$35 or \$12.50. MIT price: \$8 or \$5.

COLLAGE

MIT goes contemporary

MIT Professor John Harbison conducts Collage, the contemporary music ensemble, in 1985 Pulitzer Prize winner Stephen Albert's *Into Eclipse* and works by Christopher Rouse, Robert Selig and MIT senior lecturer Edward Cohen. Edward Pickman Hall, Longy School of Music, November 4, 8pm. MIT price: \$4.

Tickets for all four events are on sale courtesy of the Technology Community Association.
Drop by Room W20-450 in the Student Center, or call 253-4885 to check on availability.

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Brigadoon, presented by The Musical Theatre Guild, October 24 - 27, in Kresge Little Theatre. \$3 with MIT ID.

Brigadoon is a musical about two men from New York who travel to Scotland and find themselves in unusual circumstances. They lose their way and end up in a town, where a miracle had occurred 200 years earlier. The story of *Brigadoon* tells how these two men relate this miracle to their own lives.

The Musical Theatre Guild reaffirmed the "Theatre" aspect of their name with highly commendable acting. Jeff Douglas, (played by Jonathan Glickman G) performed extraordinarily well. His character is a man who only believes in what he sees, feels and drinks. The sarcastic wit of Douglas provides much of the humor throughout the play.

Another fine performance was given by Mr. Lundie, (played by Ned Heard) the scholar of the town. Heard magnificently portrayed the sage-like demeanor of his character. At the turning point of the play, Mr. Lundie reveals the secret of *Brigadoon* and thereafter provides a father-like, guiding authority for the characters in the second act.

The dramatic element of the show was equalled by the musical talent of the actors, as well as that of the orchestra. The lead characters had consistently strong

voices; only a couple seemed to have trouble at the extreme edges of their ranges.

Wendy Hunter who played Fiona MacLaren, had a wonderful voice that carried well and blended with the chorus of her supporting singers. In her duet with Richard French, (who plays Tommy Albright) *The Heather on the Hill*, their voices swelled together harmoniously, pleasing the audience's ear. Another strong singer was Robyn Allyson Bradford (W '86) who played Meg Brockie. In her songs, *The Love of my Life* and *My Mother's Wedding Day*, Ms. Bradford's voice radiated the bawdiness that was crucial to her gypsy character.

The orchestra added a very professional touch to the production. It was never too powerful to drown out the performers yet was sufficiently assertive when the curtain was closed. The sets were simple but effective. They were especially well executed considering that the size of the stage was so restricting. The choreography was also impressive considering that Kresge Little Theatre stage is only slightly larger than a Baker quad.

Brigadoon is an amusing musical. It is full of humor, romance, and entertainment. Should you have not seen this play, I urge you to attend, before it disappears, like *Brigadoon*.

Ezra Peisach

Galileo still moves

Galileo The MIT Community Players, October 19, 1985

This reviewer is sorry that he did not get to his job sooner: Had he done so, he could have told you to go see an excellent performance by the MIT Community players.

Galileo is Bertolt Brecht's recounting of Galileo's confrontation with the Catholic church. His play conjures up the ignorance that ruled Galileo's era in the guise of learned thought.

The control exerted by the church in the 1600's was based on the belief that the church was the sole judge of the truth. Brecht's Galileo runs afoul of the church when he decides that it is the human mind that is the sole judge.

As the play opens, we see the interaction between Galileo and one of his students. Michael Goodson is stern yet not pedantic in the part of Galileo. He conveys Galileo's desire to know and to make known.

The play starts on a momentous day in history, the day Galileo learns of the telescope. From there we follow through nearly twenty years of astronomical discovery and ecclesiastical turmoil. William Saunders and Jomo deserve note for their

supporting performances. Saunders plays several parts, the most notable of which is that of the jovial prelate (and later pope) who confronts Galileo and later breaks his will. Jomo does well both as a friend who tries to caution Galileo and later as a monk who decides to deny the church and study astronomy with Galileo.

The play was not without its faults: Spreading ten actors over forty-one parts can lead to confusion which was made worse because part changes were often done without any significant change in costume. While many of these were only incidental parts, the presence of a brightly colored sash for a man or shawl for a woman would have made a world of difference.

Tony Butler's Prince and Jeannie Collins' Virginia — Galileo's daughter — suffered for a failure to distinguish portraying a dull character and portraying a character dully.

Galileo exposes the relationship between power and ideas. This play shows us the struggle of free inquiry with blind faith. The MIT Community Players have done a wonderful job of bringing it to life.

James F. Kirk

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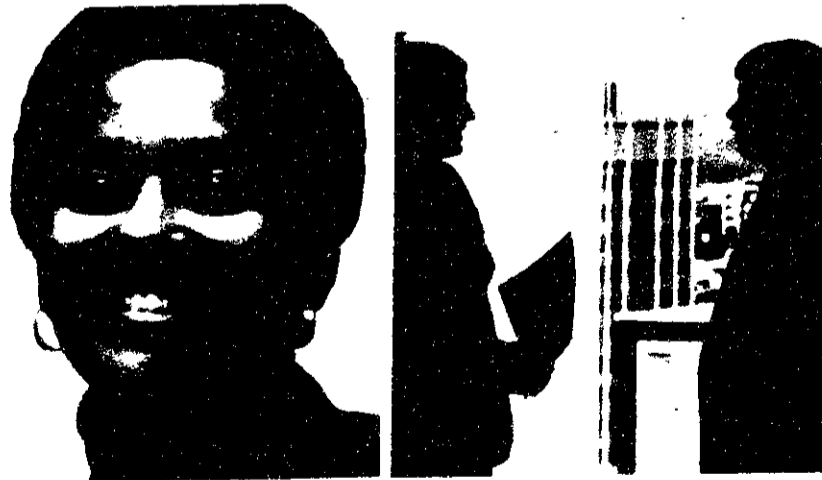
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Schools limit student drinking in response to new state law

(Continued from page 1)
possess alcohol. Anyone under 21 founding transporting, possessing or consuming alcohol is subject to judicial action.

Lou Mastriano, the Mods Area coordinator, told *The Heights* that the revised alcohol policy is "in the best interest of the students. . . . [I] saw alcohol abused by a few students, which ruins it for the responsible drinkers."

BC Dean of Students Edward J. Hanrahan, defended the policy, saying that it reflected the law. "The university has been extremely consistent in stressing the responsible element in drinking. Alcohol abuse creates a big problem in American society and abuse hurts the university," he stated in *The Heights*.

BU, unlike MIT, accepts only a Massachusetts driver's license or Liquor Identification Card from the Registry of Motor Vehicles as identification for drinking at parties, according to BU Assistant Dean Christopher Queen.

BU does not allow alcohol at undergraduate parties, Queen said. Three warnings for attempting to use false identification result in a loss of housing for the student in question. One BU fraternity was disbarred under a deferred suspension during the school's dry rush this year, Queen continued.

BU is currently sponsoring an Alcohol Education Week this week to draw attention to the issue of alcohol, Queen said. "BU wants to be drug-free and alcohol-free."

Tufts University permits alcohol to be served at university-sponsored parties, according to Kathy Baker, Tufts director of student affairs. The university changed two elements of its alcohol policy this year: a separate drinking room must exist at parties with alcohol, and food is required where alcohol is being served.

Alcohol education has been getting attention at Tufts, Baker continued. Ten students sit on the *ad hoc* Committee for Alcohol Education formed to address the alcohol issue on campus. The school is sponsoring Health Week in conjunction with Alcohol Awareness Week beginning Thursday, she said.

Wellesley College's Alcohol Policy Committee (APC) altered the school's alcohol policy this year, according to *The Wellesley News*. Students are no longer required to report drinking by underage students, the article reported.

Dean of Students Molly Campbell, founder of the APC, said that students are responsible for their own drinking behavior under the new policy, according to *The Wellesley News*.

Wellesley parties have separate drinking rooms, and campus police monitor parties. Similar policies exist at MIT and Tufts parties.

Harvard University has made the fewest modifications. No major changes have been planned yet, although tentative policies have been discussed.

Liquor may be served only at in-house parties and is banned at university-wide parties, according to *The Harvard Crimson*. Harvard students also must purchase a Massachusetts Liquor Identification Card from the Registry of Motor Vehicles.

Freshmen are still served liquor even with these restrictions.

"Many masters' open houses still serve liquor under the legal theory of *in loco parentis*, which holds that the house master or freshman dorm proctor is acting in place of a student's parents," reported the *Crimson*.

Dormitory events that are sponsored by house committees where alcohol is served are losing money, stated the *Crimson*.

Harvard's new drinking policy "has destroyed the houses' ability to make money," said Quincy House Committee Chairman Jonathan M. Askin in the article. "It's very difficult to throw a successful dance because people don't want to go to a dance without alcohol."

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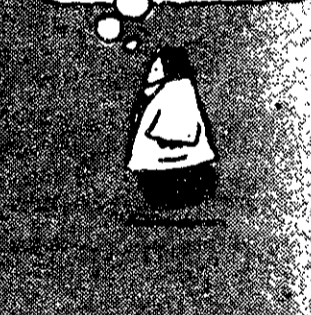
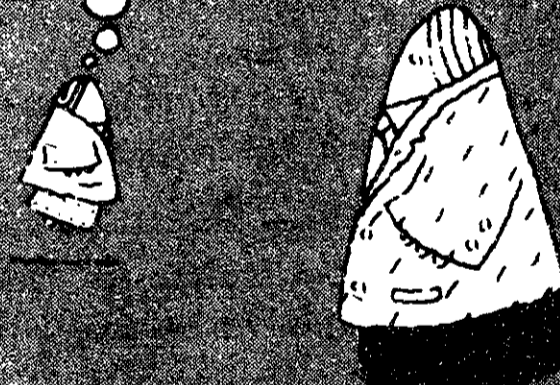
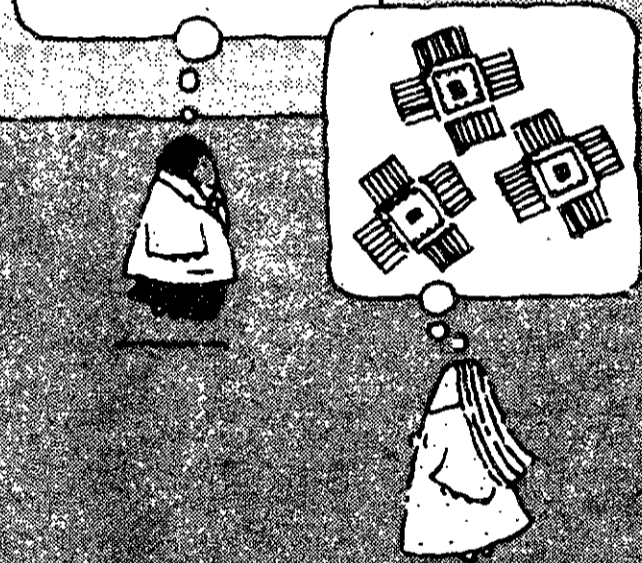
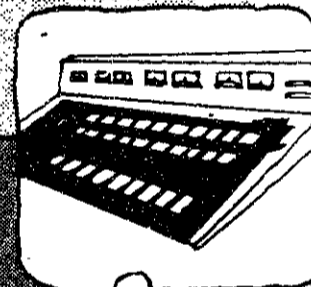
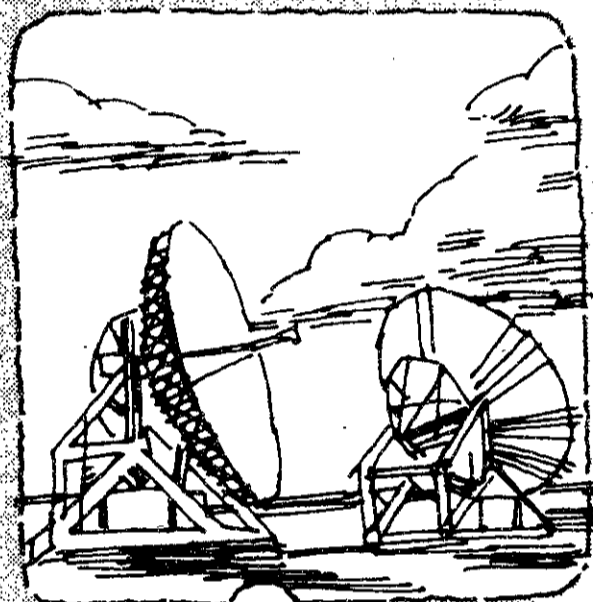
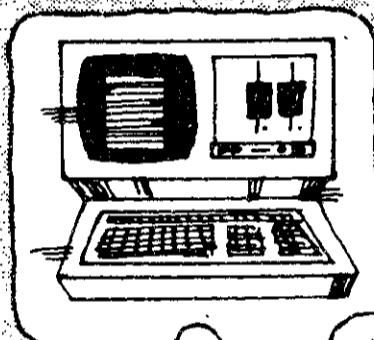
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Women question proposal

(Continued from page 1)
and men are dangerous." This lesson, she continued, is "imbedded at the core of women's emotions."

Rape and violence are the problem — not sex, Pally asserted. Pornographic images come from society, family, and politics, she said. "Women were strung up in the 16th century."

"Saudi Arabia and Iran have no pornography," said Carol Vance, a social scientist at Columbia University and member of the Feminist Anti-Censorship Task Force. These two societies are characterized by extreme sexism, discrimination and violence towards women.

"This is not the law people think that they are voting for," Vance said. The definitions of pornography include several clauses which refer to objectification, but not violence. Although they may be offensive to women, they should not be outlawed, she said.

"The targeting of sex by itself is wrong," Vance said. Feminists are focusing on the anti-pornography struggle, while services that protect women, such as shelters for victims of violence, are cut back due to a lack of funding.

Anne Snitow, a member of Women against Censorship, warned that in the minds of many feminists, "rape and violence are the central metaphors for women's existence." Snitow warned against stereotyping males and viewing anything that is explicit as bad.

Abuse inevitable

Speakers throughout the day voiced concern over the potential harm that the measure could bring to the feminist movement. These fears centered on the usage of the referendum as a means to oppress women who are working as prostitutes or as actresses in sexually explicit magazines and films.

Leland Pierce, former member of the Prostitutes' Union of Massachusetts, worried about the effects of the measure upon women who voluntarily work in the sex industry. She accused the anti-pornography faction of minimizing the economic pressures behind the choice of employment.

The feminists supporting the measure, according to Pierce, have never performed an analysis of why women turn to the sex industry for employment. Pierce called it "a place for women to turn," and wondered "where will they find jobs if this legislation is enacted?" Over half are mothers, Pierce claimed.

Many women working in the sex industry are indeed hurt by the manufacture of pornography, she said. But, Pierce added, "what we have here [in pornography] is the culmination of a sexist society — not the whole of the issue."

Molly Ladd-Taylor, member of "No Bad Women — Just Bad Laws" and the US Prostitutes' Collective, denounced the referendum. Passage of the measure, which is concerned solely with "pictures and words," will force many prostitutes and actresses in sexually explicit movies underground.

Vance agreed that the referendum will be used against women working in the sex industry. In addition, the measure would further hurt these women by inciting an increase in incidents of sexual violence, she said. This was the situation in Los Angeles, where similar legislation became law.

The other potential source of abuse will occur if right-wing elements use the referendum as a means to suppress all sexually explicit — not just pornographic — materials. "Feminists are not going to interpret law; men will," warned Vance.

A move of the law towards first

applying to sexist, and eventually to sexually explicit, material is inevitable, Vance predicted, along with the view that "sex itself is degrading to women."

The third potential source of abuse centers around that section of the referendum which concerns itself with trafficking. That section is "the heart of the ordin-

ance," claimed Vance. She said a person can be convicted of trafficking without harming anyone. The referendum does not require that any harm be caused for an individual to be found guilty, she explained. One needs only prove that material meeting the definition was distributed by that person.

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Hillel, Lower Level
- 5:45 pm Orthodox Services
Walker Hall, Room 010
- 6:45 pm Shabbat Dinner
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Abrahamson delivers his own view of SDI

(Continued from page 1)

"They modernize and we feel we have to modernize."

Reagan's announcement of the SDI plan in March, 1983, included a proposal that the United States would share the "Star Wars" technology with the Soviet Union. After it is designed, the technology may actually be shared with the Soviets as a bargaining measure at the negotiation table, Abrahamson said. In the meantime, "A very large amount of this effort is indeed available [to the public]."

Abrahamson said an umbrella defense is impossible, but the SDI system "doesn't have to be perfect." He discussed the concept of a "layer defense," which will theoretically make the "Star Wars" technology effective.

The first layer of defense will destroy missiles shortly after they are launched. The second layer will destroy missiles which have gone far above the ground, but which are still nested (not separated). The third and fourth layers will pick off separated warheads and stragglers respectively. Abrahamson said each layer would be 60 to 70 percent effective, making the entire system approximately 99 percent effective.

Abrahamson responded to questions about the inability to test the system before it is put into use. Again he made an analogy with the Space Shuttle. Components of the Shuttle were tested separately in simulators, although no complete test of the Shuttle was made prior to its launch.

The five million lines of code in the Space Shuttle software was error tolerant, allowing small errors in the program to go by, he said. The SDI system will be fault tolerant in both hardware and software.

"We don't test our offensive systems today," Abrahamson added.

Abrahamson said that the economic tradeoff of developing such a system would be a Congressional decision. It's a lot of money, but it is a good investment if it works out, he said.

MIT protestors present

Approximately 20 protestors from the MIT Students Against the Strategic Defense Initiative demonstrated in front of Faneuil Hall before the discussion. Ron Newman '79 expressed concern that certain projects at MIT will become classified.

A pamphlet distributed by the demonstrators stated, "As MIT students and alumni, we are embarrassed that the head of the Strategic Defense Initiative Organization . . . is a fellow alumnus."

The pamphlet also stated that 57.6 percent of all research dollars going to MIT research come from the Department of Defense.

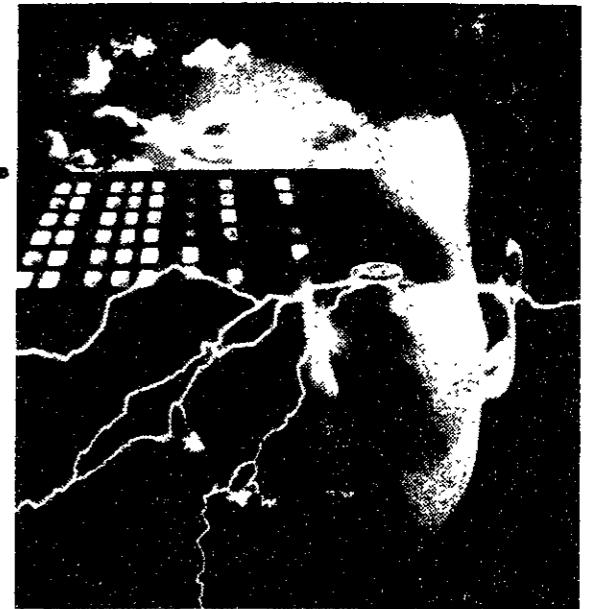
Abrahamson expressed his pleasure at the debate process going on in the United States. He addressed the students directly during his talk saying, "I am not ashamed of you."

Abrahamson's talk was sponsored by the Ford Hall Forum and was moderated by Steven Curwood, Special Education editor for *The Boston Globe*.

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Listings

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

Saturday, October 26, 1985

Course XXI's 30th anniversary convocation events: 9-10:15 am, Mezzanine Lounge, Student Center. Topic: "How the Middle East sees America: An historical overview"

Also, at same location at 10:45 am, "Is the theatre dead — again?"

At Room 9-150, 2-3:30 pm, "How many cultures now? — What an educated person should know"

At Old Hayden Gallery, Building 14, 3:30-4:30 "Music, wine & retrospect"

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sports

Column/Andrew Bein

Come on out to the Homecoming game!

When the MIT football team takes the field against their league archrivals this homecoming Saturday, will you be in the stands?

As head coach Peter Yetten of the Bentley Falcons looks for his 50th career win at Steinbrenner Stadium tomorrow, will you be there rooting that he won't find it?

Tomorrow will mark the biggest day of the MIT football season. The game will decide whether the 2-3 Beavers will have another winning campaign, after last year's march to the playoffs. The biggest MIT crowd of the fall will be cheering them on. Maybe this year the fans will even succeed in making The Wave.

The stage is set. MIT won their game against Southeastern Massachusetts University last week 3-0, while Bentley lost to UMass/Boston, one of the worst teams in the league.

The Falcons are now 3-3. Bentley has not lost four contests in one regular season since 1977. Will it happen again this year? "Our chances are good, but cautiously so," says MIT head coach Dwight Smith.



Bentley has a strong defense, and has been averaging 18 points per game on offense. MIT has averaged only 12 points per game. The Beavers will stress the rushing game.

"We'll be running — that's what we do best," Smith says.

"I see our team grinding out a couple of touchdowns on the ground," Monroe anticipates.

A more lofty attack is expected from the Falcons. "They'll be going to the air," says Monroe. "But don't expect them to be very successful."

"The defense will hold them to

few points, I know that much," Ekberg says.

The Beaver passing game, a weak link early in the season, is led by quarterback Pete Gasparini. It could make the difference in the game. "Pete's passing is picking up," says Ekberg.

MIT will also be suffering injuries this week to many players, including key members of the offensive line. Kevin Moschetti, David Weissbein, Shane Arnold, John Dawley, and Chris Moreno are all hurting. Offensive lineman John Ryan will be away at a wedding. Ekberg has a sore neck.

Ekberg: "We don't like each other."

"We've always had good games against them," defensive stalwart Larry Monroe adds. The rivalry is one of the league's hottest. Two years ago, Bentley, the defending national champion, strutted onto Steinbrenner field with a 16-game winning streak. The string was broken with an 18-13 loss to the Beavers.

This year MIT beat Bentley 14-0 in a scrimmage game. A fight broke out between MIT lineman Dave Addison and a Bentley player. It is said that Bentley Coach Yetten ordered three offensive linemen to attack Addison on the next play in that scrimmage.

"We don't like each other," says Hugh Ekberg, MIT's top rusher.

Monroe predicts "they'll be coming in here really trying to put one over on us. Since we played Bentley in the scrimmage they've gotten a lot better. Normally a team is a little tentative early in the season. We're looking forward to a physical contest."

Monroe: "We can hear the hollering"

For MIT to beat Bentley, a lot of things will have to go just right. That will start with the Homecoming Day fans. The team needs a big turnout from the entire MIT community.

"We can hear the hollering in the stands," Monroe says.

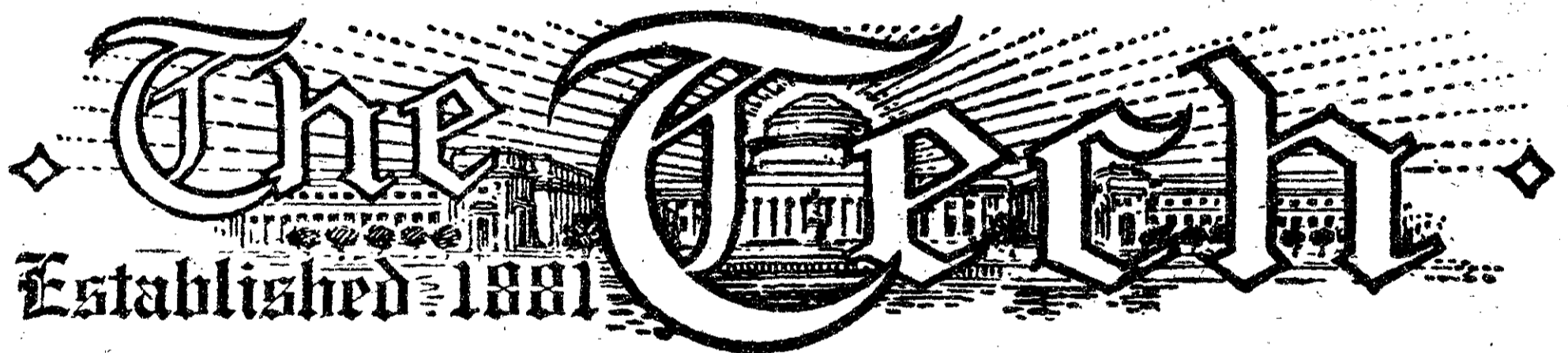
"There's nothing better than to have support for what they're doing. It gets the team psyched up. I look forward to a good game, and hope it will be a nice day," says Smith. The crowd "gets the players excited." It is "really nice to see that spirit."

"We'd love to see a lot of fans. A lot of people are psyched to go to the game," says Ekberg. "The crowd helps a lot. We hope to beat them really nice for a good homecoming."

Game time is 2 pm. Show a little pride in your school and show up tomorrow.

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