

US Congressman will speak at riot

By John J. Ying

US Representative Bruce A. Morrison '65, D-Conn., and John B. Duff, chancellor of Massachusetts higher education, will speak at the "Annual Spontaneous Tuition Riot" at Kresge Auditorium this Friday.

"Students should not become scapegoats for economic difficulties, whether at the national or local level," Morrison said.

"Ronald Reagan's claim that federal aid to education must be a casualty of the war against budget deficits is shortsighted and counter-productive," Morrison continued. "We cannot run a modern economy without a population trained for its operation, development, and maintenance."

"It has been demonstrated in Massachusetts that there is a very strong link between the prosperity of the state and the strength of its higher education system," Duff said.

"The essential point is this: this is not a rally directed against MIT," commented Richard A. Cowan, president of the Class of '84 and chairman of the tuition riot committee. "We're not saying MIT is a lousy institution. Rather we're saying the primary reason for the students' distress has been the federal policies."

"If we can show to MIT that students really care about where all this money is coming from," Cowan noted, "it demonstrates the students are concerned ...

We want to have a serious rally."

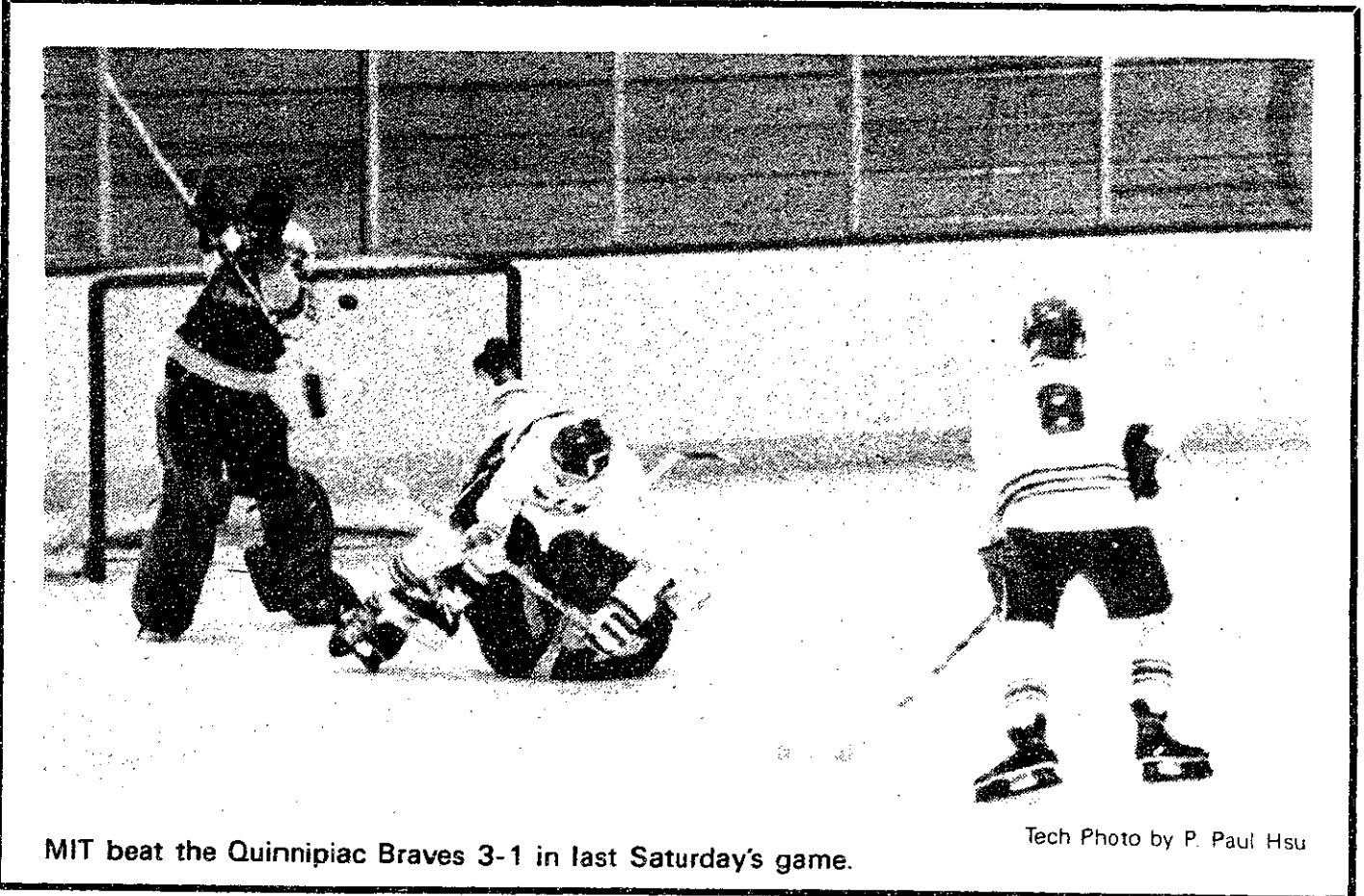
"Both public and independent higher education in the Commonwealth," Duff noted, "need strong support in order that it can continue to produce the kind of educated citizens that are required for our sophisticated economy."

"Government dollars spent on public elementary and secondary schools, vocational and technical education, and loans and grants to college and post-graduate students," Morrison agreed, "constitute investment in our economic future just as surely as does money spent on new steel plants. Both forms of investment must be encouraged or financed by government."

"Both are needed to restore health to the American economy," Morrison continued. "Protection of our student loan, work-study, and [Basic Educational Opportunity Grant] programs is critical to assure access to education for all Americans."

"Funding for such programs should at a minimum match the rate of inflation," Morrison said. "Special emphasis must be placed on assuring adequate aid for low and moderate income students."

The riot will follow a Friday Afternoon Club with music and refreshments sponsored by the Student Center Committee. The presentation of the Afternoon Club will be conditional on the weather.



MIT beat the Quinnipiac Braves 3-1 in last Saturday's game.

Tech Photo by P. Paul Hsu

IPS plans to move in May

By Gene Deune

Information Processing Services (IPS) will complete its move to the Homberg Building (Building 11) between May 20 and 23, according to Richard D. Scott '69, manager of Academic and Research Computing Services of IPS.

Scott held a user forum Thursday to inform current and future users about major changes in IPS operations and services resulting from its relocation. He announced a tentative schedule for the move at the meeting.

IPS has recently purchased a Honeywell-Multics PPS 8/70M and a IBM-VM 3033/M, Scott said. The group will test the new Multics system by mid-April, and the new system will be operational April 25, he continued.

The new IBM computer will be installed at the beginning of May

for testing, Scott added. It should be operational by May 23. An IPS user accounts office will open in Building 11 on May 24, and publication and consulting services will start at the end of the month.

IPS does not receive any sup-

(Please turn to page 14)

Fraternities must install smoke detectors by law

By Thomas Huang

MIT fraternities that lack smoke detectors in their bedrooms are violating the law, according to Assistant Fire Chief Ferazani of the Cambridge Fire Department.

"Cambridge adopted the smoke detector regulation in 1980," Ferazani said. "The regulation gave [the living groups] one year to comply."

The date by which fraternities should have complied with the regulation was Jan. 1, 1981, according to a fire prevention order sent out by the Boston Fire Department.

"Violators of the provisions of these regulations shall be subject to a fine of not more than \$50.00 for each [provision] during continuation of such violation," the order states.

The Interfraternity Conference (IFC) last summer organized a group purchase of smoke detectors at \$14.50 each for interested fraternities, according to Anthony M. Nicoli '84, purchasing officer for the IFC.

"I organized the purchase last summer, because that was the only time I could," Nicoli commented. He said he could not re-

(Please turn to page 11)

UAP voting is preferential

By Ron Norman

The Undergraduate Association President (UAP) will be elected by preferential ballot instead of the previously planned plurality vote, announced David M. Libby '85, election committee chairman.

"To change the rules in the middle of the game is unethical," said UAP candidate Shiva Ayyadurai '85. He said he objects to the ruling on the grounds the decision was made after the petitions had been submitted. The election was understood to be by plurality vote before the petition deadline, he explained.

Preferential balloting, Libby said, is an interpretation of the election code to insure "a more accurate election."

Voters may not include write-in candidates in preferential spots, Libby said, and the chance of a write-in candidate's election may be reduced. Write-in candidates did not submit petitions, he explained, and should therefore not have the same chance of election as other candidates.

UAP candidate Charles P. Brown '84 would not voice an opinion about Libby's decision, and said voting procedures

should not become a campaign issue.

Kenneth I. Freedman '84, UAP candidate, said he will neither change his campaigning style nor have trouble abiding by the election results. The procedures might be better for the student body, he continued, due to the large number of candidates.

A preferential ballot is "a pretty good idea," commented UAP candidate Mark A. Radlauer '84, because of the large number of tickets on the ballot. Radlauer said he does not object to the decision and he does not think it will change any candidate's campaign approach, despite the late decision.

The late decision was "unfortunate," said UAP candidate Sara Sprung '84, but she said it will not change candidates' strategies. The method will, however, be more accurate, she explained, since it requires the winner to receive more than one-sixth of the vote. She said she questions the accuracy of a voter's fourth, fifth and sixth choices.

"The preferential ballot would be better," commented Michael P. Witt '84, UAP candidate.



Photos courtesy MIT News Office

Dr. Ronald McNair (left) and Dr. William Lenoir (right) spoke at the NSBE banquet February 16.

First black US astronaut talks

By Arnold Contreras

"It feels good" to be an astronaut, commented Ronald McNair PhD '76 at the annual banquet of the MIT Chapter of the National Society of Black Engineers (NSBE) held Feb. 16.

McNair will fly on space shuttle flight 11. The mission will approach a "lead balloon" from 100 miles away and maneuver near it. He will conduct the on-flight scientific experiments and operate the shuttle's mechanical arm during its testing.

There will be at least two shuttle flights per month by late 1984, McNair said. "We will need all the help we can get," he said, urging interested students to apply to the National Aeronautics and Space Administration astronaut training program.

McNair spoke at an event of Black History Month, sponsored by the Alpha Kappa Alpha sorority, Black Graduate Student Association, Black Student Union, the Lecture Series Committee and the Office of Minority

Education.

Dick Gregory, a possible 1984 presidential candidate, will deliver a lecture 7pm Thursday to conclude the Black History Month events at MIT. Gregory will discuss the impact of Reaganomics in America.

Ivan Van Sertima, professor of anthropology at Rutgers University, discussed his book "They Came Before Columbus" at another event of Black History Month on Feb. 22. He said the present oppression of blacks throughout the world is largely attributed to the clever prevention of the study of African history.

There are primitive people in every culture, including Europe, Van Sertima said. A civilization's history can not be understood by only studying its isolated, rural cultures, he added.

Historians have studied only peripheral, primitive elements of African civilization, Van Sertima claimed.

Western historians rarely ac-

(Please turn to page 11)

inside

Community protests

MATEP.

Page 2.

Neil Young is computerized.

Page 9.

Eric Clapton is not.

Page 9.

Ice cream AND pizza.

Page 10.

Eric Fleming picks the high and low points of MIT basketball.

Page 15.

Harvard power plant causes carcinogen controversy

By Jake Tinio

The cancer-causing potential of Harvard University's Medical Area Total Energy Plant (MATEP) is the sole remaining issue in the university's seven-year old battle to begin full operation of the plant, according to Robert H. Scott, vice-president for administration at Harvard University.

MATEP was designed to provide electricity and steam to a dozen hospitals, medical centers and schools near the Harvard Medical School. Users would pay rates identical to those of the Boston Edison Company, Scott said.

The MATEP facility, which replaces an old plant torn down in 1976, has cost Harvard University more than \$250 million, according to Scott.

The plant produces polycyclic aromatic hydrocarbon (PAH), a known carcinogen common to all combustion methods, according to community opponent Michael Lambert. Massachusetts acted improperly when it gave Harvard permission to test for PAH, he claimed.

Brookline opponents disagreed with a state ruling but declined to challenge the decision in court due to a lack of funds, Lambert said.

The facility is located near the Mission Hill and Brookline communities. Residents of those communities have prevented Harvard from operating the six large diesel engines which provide power to MATEP's electrical generators because diesel engines may produce toxic and carcinogenic substances, Scott said.

The PAH testing program was not subjected to outside review and Harvard has not allowed community opponents to observe or participate in the design and implementation of that testing, Lambert said.

Analysts are preparing equipment which will measure the level of carcinogens emitted from the MATEP diesels. The actual testing process will take a few days, he added. The Massachusetts Department of Environmental Quality Engineering (DEQE) will conduct hearings to evaluate the test results, Scott said.

Discouraged by the lengthy court battle, most Mission Hill community opponents have become disinterested and apathetic, Lambert said.

"The activists have all seemed to have gone to sleep over this, at least for the time being," he remarked. "Unless preparation is begun now for the upcoming hearings on the carcinogen issue, Mission Hill will have little or no chance to present a substantive and technically confident case on the arguments surrounding this issue."

MATEP's first obstacle came when the plant opened in 1976, according to Scott. The levels of nitrogen dioxide pollutants produced by the diesels had to be tested to determine whether they met an acceptable level.

The DEQE evaluated the test results in a series of public hearings and ruled the plant safe for operation, Scott said.

The Massachusetts Supreme Judicial Court, pressured by community opponents, remanded the DEQE approval, declaring the agency had not considered the

diesels' production of PAH. The court ordered the DEQE to run new tests on PAH emissions of the diesels.

State and city agencies should have thoroughly assessed the health and environmental risks posed by MATEP before granting Harvard all the preliminary approvals to build the plant, Lambert declared.

"Harvard is playing a monopoly game," Lambert said. "They want to make sure they're going to win."

Community opponents tried to prevent Harvard from making PAH tests, Scott said, believing it would be hazardous to the environment. The state court gave Harvard permission to conduct the tests in Jan. 1983.

This opposition presented a "Catch-22 situation," Scott said, since actual physical data was needed to determine conclusively whether the plant was dangerous to the environment.

Community residents must now rely on Harvard's "good faith" that the tests are being properly conducted, Lambert remarked.

Lambert said he is concerned that the state Supreme Judicial

Court chose to uphold the DEQE approval of the plant on the nitrogen dioxide issue despite being fully aware of procedural irregularities.

The court, saying it lacked technical expertise, did not want to "second guess" the DEQE in matters inside the agency's "presumed expertise," Lambert said.

The MATEP facility is currently the world's largest cogeneration plant. Unlike conventional power plants, cogeneration plants produce electricity and steam simultaneously, Scott explained, and are approximately 30 percent more efficient than their conventional counterparts. The diesels' exhaust can either be piped to provide free steam or recycled through a heat recovery system to run electrical generators, he said.

The plant has never been shut down, he added, and it has provided chilled water and steam for two years using electricity from Edison.

The university announced plans last month to refinance the plant with tax-exempt bonds issued by the Massachusetts Health and Educational Facilities Authority.



Photo courtesy The Harvard Crimson/Nevin I. Shalit
MATEP, the world's largest co-generation plant has caused much controversy between Harvard and the surrounding community.

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news roundup

World

Gulf countries issue ultimatum on oil prices — The Arab Persian Gulf oil exporters issued an ultimatum to other petroleum producing nations Sunday to freeze prices within a week or risk price warfare. Ministers from the Organization of Petroleum Exporting Countries met last week to set a price standard but have been unable to agree. Officials of the five Gulf nations involved said they may cut prices by up to \$7 per barrel from the current price of \$34.

Soviet missiles in Syria are operational — Several hundred Soviet personnel are manning four batteries of SAM-5 missiles in Syria, according to Israeli military sources. Each battery contains six missiles with a range of 190 miles, the sources said. This range would cover most of Israel. The batteries are the first of its type operating outside the Soviet Union, and the first time Soviet personnel have operated weapons in Syria. Israel's new defense minister Moshe Arens accused US Defense Secretary Caspar W. Weinberger of supporting the Arabs over Israel, saying "It must not be forgotten that he had business connections with Arab countries in the past."

Nation

Governors' group calls for reduction in 1984 deficit — The leaders of the National Governors Association approved the first draft of a resolution Sunday, calling on the federal government to reduce the growth of military spending, to maintain current social welfare spending and to consider raising taxes for cutting the federal deficit. The resolution is the group's first formal statement on military spending. The Democratic majority in the association may toughen the final proposal.

Supreme Court upholds construction bill — The Supreme Court yesterday confirmed a Boston construction bill requiring at least half of workers on a construction job in the city to be Boston residents. Mayor Kevin White called the court's ruling "the biggest single decision in the history of construction in the booming city" and said it would be a valuable tool in fighting unemployment in Boston.

Local

Three die in Brockton fire — At least three people died in a fire that destroyed an 80-year-old Brockton apartment building, The Checkerton, early Sunday. The fire department is investigating the cause of the fire. Approximately 50 residents escaped from the building and more than 20 were treated for burns at nearby hospitals.

Three charged with murder of state trooper — State Police charged three Worcester men Sunday with murdering state trooper George Hanna. The men shot 36-year-old Hanna to death Saturday night after he stopped their car for what was apparently a routine check. Four other men were arrested, according to Public Safety Commissioner Frank Trabucco.

Sports

Coghlan runs sub-3:50 indoor mile — Ireland's Eamonn Coghlan set a new world record for the mile on an indoor track at the Meadowlands in New Jersey with a time of 3 minutes 49.78 seconds. "I never doubted it at all," he later commented. Coghlan set the previous world indoor record at 3:50.6 in San Diego two years ago. Six other runners finished in under 3:57, following Coghlan's kick.

Weather

Winter will return — Today will be cloudy with a chance of rain. High temperatures will be from 35 to 45 degrees. Lows tonight will range from 30 to 38, and Wednesday will be a chilly 40 degrees.

By Sam Cable



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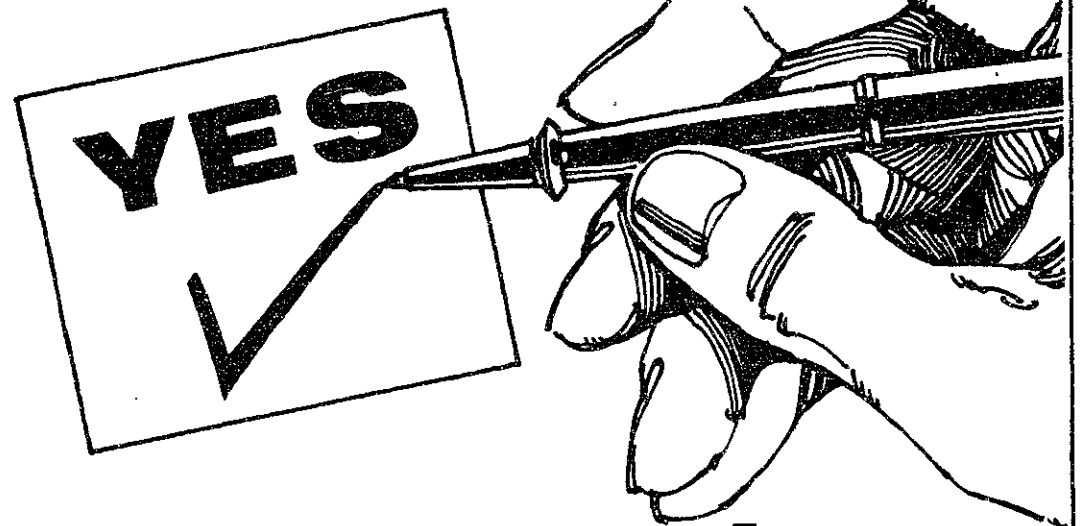
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opinion

Editorials

Non-registrant loan aid is wise

Following the lead of Yale University and other top schools, MIT President Paul E. Gray '54 wisely recommended MIT provide loans to students who are denied federal financial aid for refusing to register for the draft. Gray and the Student Financial Aid Office must now follow up the recommendation to see the plan implemented.

Providing non-registrants with loans is a better system than making grants outright. MIT can not afford to subsidize through grant money those who forfeit federal funds. Financial aid greatly strains the resources of the Institute. Providing grant money to students who are denied federal money would be unfair to other needy students.

MIT, on the other hand, can not afford to reject students who become ineligible. The Institute has made a strong commitment to meeting the full need of each student it admits. Elimination of a \$2500 Guaranteed Student Loan or a Pell Grant is a significant loss. It would be unfair to the non-registrant to end his MIT education because he is no longer able to afford it on these grounds.

It is appropriate for the Institute to provide loans to non-registrants to replace federal grant and loan money. The loan program will not place an undue burden on MIT resources. The added cost to the non-registrant due to the interest on the loan will neither prevent the non-registrant from attending MIT, nor will it encourage him to break the law. The program will permit those the federal government refuses to support to attend MIT.

Each student accepted to MIT is entitled to his education here, regardless of gender, financial status, or political opinions. The regulation requiring a statement of registration for the draft would be inconsistent with this long-standing MIT policy. The Institute should follow Gray's recommendation and insure the privilege of an MIT education is not denied its students by this regulation.

MIT community must aid WMBR

MIT's radio station, WMBR-FM (88.1 MHz), returned to the airwaves Feb. 15 after a week off the air. The resignation of the technical staff precipitated the crisis, as Federal Communications Commission regulation requires stations of WMBR's type to have a chief engineer to keep a log of transmitter readings.

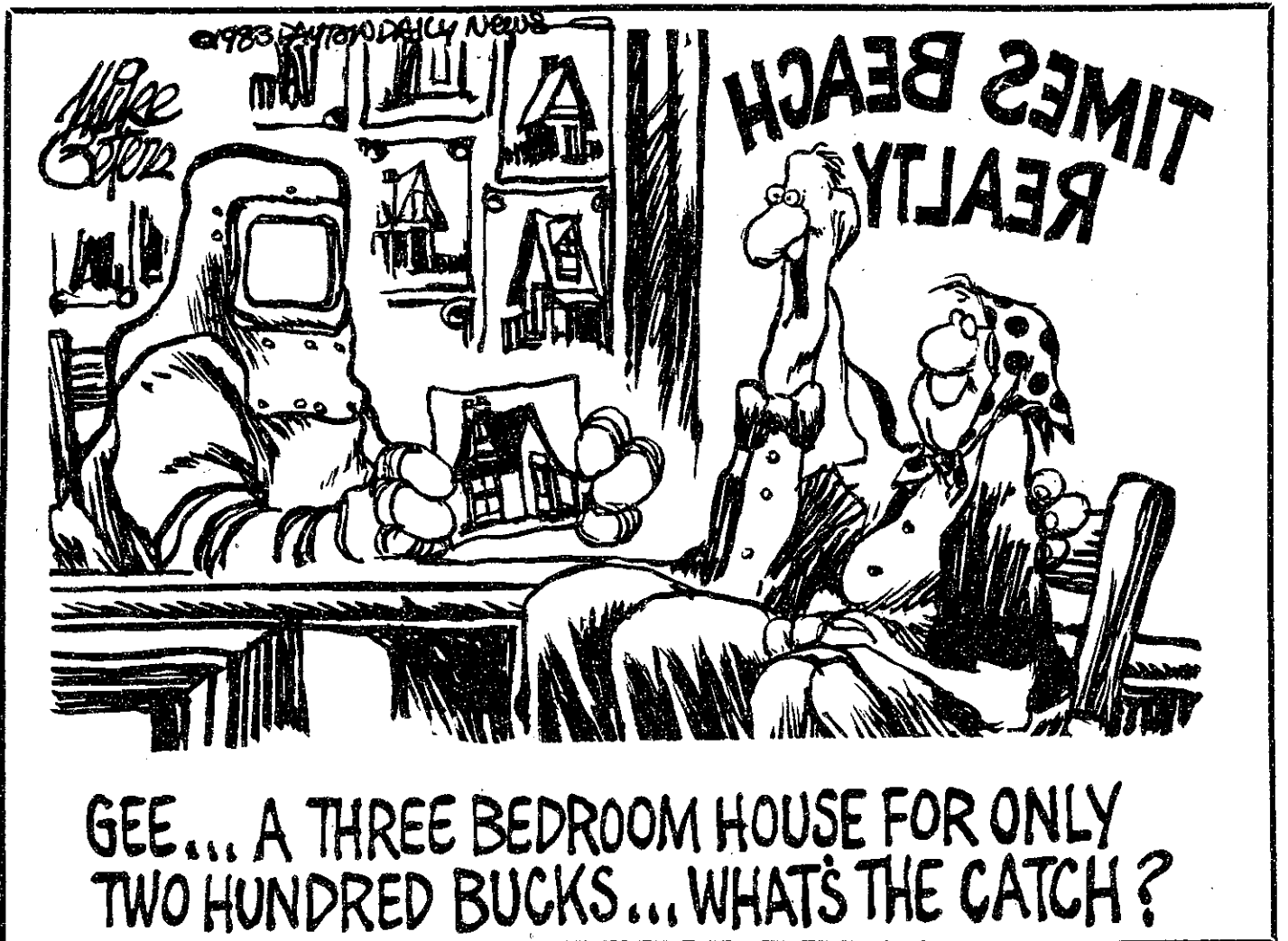
Any student activity can sympathize with WMBR's problems. The many and varied groups on campus vie among themselves — and with the Institute and world at large — for the interest and participation of MIT students. WMBR's problems are made more immediate, both to itself and to the MIT community, for two reasons.

The first reason is the regulations of the Federal Communications Commission. Most activities can continue without a key officer for a time while other members share the responsibilities; WMBR can not, by law, operate as a 200-watt radio station without a chief engineer.

The second reason is simply the nature of WMBR. As a radio station, it is a medium for the wide dissemination of entertainment and ideas, news and opinions. WMBR's demise would certainly represent a significant loss to MIT and the surrounding community.

The responsibility for sustaining WMBR lies in two quarters: Those in charge of managing the station, especially Richard B. Feldman '84, the new general manager, and Sofia Ames '85, in charge of recruitment, must excite more interest in working for the station. Before anything else they must expand the station's number of student staff members.

The MIT administration also has a responsibility to keep the station on the air, through financial assistance. The operating costs of WMBR are low, and the administration meets them. The aged equipment used by the station is in need of replacement, however. The price of new equipment lies between \$150,000 and \$200,000, according to Feldman. The Development Office should permit WMBR to seek donations to finance the purchase. The costs involved for the Institute are small in exchange for, literally, a voice of MIT.



Column/Stewart Cobb

Disputes foes of pornography

In last Friday's *The Tech* there were two letters to the editor concerning pornography. One sounded reasonable; the other attempted to bludgeon one into submission by sheer repetition. I don't know whether Geoffrey Goodman and Richard Bonugli wrote their letters [Feedback, Feb. 25] together or individually, but they are collaborators in spirit if not in fact.

Goodman's letter is almost a caricature of sweet reasonableness. Referring to a Feb. 11 column which Robert E. Malchman wrote, Goodman chides Malchman for using faulty argumentative technique. First, Malchman failed to document a statement with which Goodman disagrees. For a thesis, this would indeed be poor technique — but Malchman was writing a newspaper column,

which was long enough already; to add a reference for each point he made would have been an unreasonable waste of space. Like Goodman, I too am curious about Malchman's sources; unlike Goodman, however, I believe that Malchman's omission of a reference was motivated more by stylistic concerns than by deceit.

Goodman's second point was that Malchman used an *ad hominem* argument that had nothing to do with the issue, and he kindly provides a quotation from Malchman's column to demonstrate this error. *Webster's Unabridged Dictionary* defines an *ad hominem* attack as "attacking one's opponent rather than dealing with the subject under discussion." The quotation, however, demonstrates the opposite of what Goodman asserts. It is not

an *ad hominem* attack, and it deals specifically with the issue. Malchman does not attack "minority groups" out of "prejudice;" he attacks all groups which attempt to force their own beliefs upon him. It is not the groups that are the issue, but the use of force. Malchman makes this distinction quite clear.

Reading quickly, one finds Goodman's letter effectively communicating his own opinions. Reading closely, however, one discovers the truth contradicting Goodman's assertions. The letter is, in short, propaganda — and good propaganda, at that. It is interesting that presumably religious people tend to resort to propaganda, the tool of totalitarians across the globe and throughout history, to carry their

(Please turn to page 6)

feedback

Bonugli's reasoning was poor

To the Editor:

As a student, who agrees with Richard Bonugli's view expressed in a recent letter to *The Tech* [Feedback, Feb. 25] that "Deep Throat" should not have been shown at MIT, I am nonetheless disappointed with the reasoning Bonugli uses to justify his point of view.

Bonugli contends that "pornography is contributing to increase sexual promiscuity and thereby contributing to the epidemic rage of venereal (*sic*) diseases." He argues that since pornography leads to herpes, a ban on pornography should facilitate a cure for the epidemic.

Whether such a ban will eliminate herpes is not the pertinent question to be raised. Instead, we should ask ourselves whether the abolition of pornographic materials is the best medicine against herpes. Is the abolition of automobiles a suitable medicine for preventing the 50,000 automobile-related deaths each year? Of course not. Instead, we should seek ways to make driving safer. Similarly, the banning of sex-related material is not a satisfactory alternative against venereal disease.

Yet, it appears that Bonugli is not altogether against sex. "Pornography is destroying the privacy of sex," he proclaims. "It is

abusing sex in taking away intimacy and personal relationships by putting sex in a public area for all to see."

As it is, Bonugli confuses Sex as a *topic*, with sex as an *act of relationship* between two partners. Yes, "Deep Throat" presents flagrant sexual behavior on the big screen for all to review, contemplate, enjoy or critique. Undoubtedly, Sex as a *topic* for entertainment is foremost in the minds of many, who attend the movie. But how does the proliferation of Sex as a *topic* prevent intimacy between private partners in their sex as an *act of relationship*?

Next, Bonugli quotes from the Bible. "Living by God's principles promotes a nation to greatness; violating God's principles brings a nation to shame (Proverbs 14:34)."

Unfortunately, the views expounded by the Bible were written as assertions founded upon belief. Any *interpretation* of those views is even more subject to debate than are those original assertions. Thus, Bonugli's method of using other opinions to justify his own appears futile.

Finally, Bonugli denies that freedom of speech is an important issue whenever one considers banning pornographic media. Instead, he attempts to divert atten-

tion from freedom of speech, and writes, "Pornography is enslaving us. It is enslaving us to lust and evil. We are losing our basic American freedoms."

The reconciliation of pornography banning to freedom of speech is a tricky problem. However, Bonugli's tricky solution will not work here. Again, he fails to distinguish between two distinct concepts, freedom *political* and freedom *psychological*. Our concern pertains to the action of a community as it bans a pornographic movie. Therefore, the pertinent issue is political, and Bonugli's polemics correlating psychological "lust" to the political "basic American freedoms" fail to address the nature of the problem.

Sadly, the popularity of Bonugli-type tactics serve more to dilute than assist the honest efforts of those seriously thinking about the pornography issue.

I agree with Bonugli that "we stop showing pornographic movies at MIT." Unlike Bonugli, I admit that at present not much good-faith evidence exist to confirm the validity of my prejudice. Unlike Bonugli, I recognize that weak and curious arguments can only hinder the emergence of a strong formulation — should one possibly exist — of a solution to pornography banning.

Kenton K. Yee '84

The Tech

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PRODUCTION STAFF FOR THIS ISSUE

Night Editor Bill Spitzak '83
Robert E. Malchman '85, Charles P. Brown '84, Stewart Cobb '85, and everybody else was watching MASH.

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Opinion

feedback

Candidates propose parliamentary form

To the Editor:

As students sincerely concerned about centralizing the powers available in the hands of the entire student body, we both hold definite views on the direction that the Undergraduate Association (UA) should be headed. What is now necessary is a sweeping overhaul of the structure of MIT's student government. The current format of the General Assembly vainly attempting to coordinate student activities clearly does not work to the benefit of the typical MIT undergraduate. Many of us who have worked in the UA General Assembly have come to realize that this organization does not represent the highest authority within student government in reality.

The reform needed to make "student government important" is a parliamentary form of government. The present structure is plagued by extreme apathy and absence of duty on the part of the UA reps; meaningless positions of leadership that wield little, if any, control; excessive number of UA representatives who bear inconsequential impact on Undergraduate Association proceedings; and, finally, the unrestrained adventures of certain activity committees concerned more about profiteering than serving the undergraduate population.

We call for the creation of the MIT Undergraduate Students Association, and we stress the need for a senate with approximately 40 representatives (each rep. would be elected from a district, i.e. living groups containing roughly 110 undergraduate students) serving in a centralized legislative body named the Senate. The Senators would select one member of the Senate to become Secretary-General who would perform executive functions in addition to serving as the "voice" of students dealing with the MIT Administration.

Executive privileges of the Secretary-General would include appointing a Chairman of the Senate (who would conduct the meetings of the Senate after receiving approval from a majority of the Senators) and distributing committee assignments. To steer the semi-autonomous groups like Student Center Committee, Association of Student Activities, and Student Information Processing Board, toward accountability to the students, these organizations would evolve into committees under the auspices of the Senators. The interests of the over 100 clubs and organizations certified by the Association of Student Activities would be more prominent as each Senator would be responsible for representing three or four of the activities.

A judicial unit should be established to evaluate appeals from Intra-Fraternity Council Judicial Committee decisions, Finance Board finance decisions, Association of Student Activities room allocation decisions and so on. To check the Secretary-General from abusing his power and privileges, a no-confidence vote can be brought before the Senate. When a majority of the Senators vote "no confidence," a new Secretary-General would have to be elected.

We are aware that numerous challenges lie ahead in implementing the parliamentary form of government outlined above. But by replacing the present election arrangement with formalized elections for Senators, true representation of student sentiments may become a reality. Thereupon, students' respect for the role of student government representative would rise and would accommodate the screening of unqualified, unmotivated candidates.

Discussion and debate of the points of the proposal for the parliamentary form of student government is welcomed.

Shiva Ayyadurai '85
Kyung Koh '85

Editor's note: Ayyadurai and Koh are running together for the offices of Undergraduate Association President and Vice President.

"Tuition Riot" not a farce to organizers

To the Editor:

As members of the Tuition Riot Committee, we feel that the Friday [Feb. 25] issue of *The Tech* made our March 4 Rally for increased federal support of education seem to be somewhat of a farce. While the term "Annual Spontaneous Tuition Riot" was used in our satiric invitation to Reagan, it certainly was not used in the invitation to presidential hopeful Gary Hart, as was implied in the *Tech* article.

We decided to have a rally directed toward the federal government to attract national attention to the plight of students who must bear the burden of decreased financial aid and near-five-figure tuition. Though the *New York Times* article about the Reagan invitation scared off Gary Hart, we were successful in attracting several well-known speakers, including MIT graduate Bruce Morrison '65, Chairman of



feedback

Hunger is world-wide problem

To the MIT Community:

On Sunday Jan. 9 an IAP program entitled an "Ending Hunger Briefing" was held. This 6 hour presentation was led by Professor Danella Meadow of Dartmouth College; 36 MIT students and staff representing 10 countries were present. One result of that briefing was the formation of a group which is addressing the question of what the MIT community can do to help end hunger on the planet.

Right now, every day about

41,000 people die of hunger related causes, 28 every minute, 21 of whom are children. Occasionally we read of a famine somewhere and perhaps have contributed to aid in such a crisis, but it's a fact that only 10% of hunger related deaths are attributable to famine. Most children die from simple childhood illnesses; they are chronically undernourished and have lost most immunity to disease. Malabsorptive hunger caused by parasites and malnutrition add to these numbers.

About half of the world's hungry live on the Indian subcontinent, another 40% are in Africa and the rest of Asia. Of the remaining hungry, most live in Latin America. There are, in addition, serious pockets of hunger in our own country. In New York City's Harlem section the infant mortality rate is at least 10 times the national average. The infant mortality rate is recognized as a sensitive indicator of the state of hunger a regions people suffer from.

Although these statistics are depressing, one needn't search long for signs of hope. Since World War II, 35 nations have made significant progress toward eliminating hunger as a basic issue for their peoples. Their solutions are as diverse as the cultures they represent. South Korea's solution emphasized agriculture and Hong Kong lowered it's infant mortality rate with practically no agriculture at all. Japan, however, has lowered its infant mortality rate greatly with government support, while Spain did so with no such supports. China found its solution through collective farming; in contrast, Taiwan accomplished the same end with

the family farm. Among these countries both rich and poor nations have managed their successes. Sri Lanka solved its hunger problem while remaining poor; Kuwait has done so while becoming rich. Unfortunately, Saudia Arabia has a seriously high infant mortality rate while its Gross National Product per capita is comparable to that of the United States.

In recent years experts have shifted in their positions on this age old problem. Studies commissioned by the National Academy of Sciences, The Presidents Commission on World Hunger, The Brandt Commission (North/South), The United Nations, and The Heritage Foundation all have come to similar conclusions: We now possess the resources and technology to eliminate world wide hunger and replace it with a sustainable food production and distribution system that can work for all people. One of the most essential elements required to implement the solutions is the political will to create a world free of mans greatest and oldest problem.

We are in a group of MIT students who are dedicated to learning, to creating this will and to educating our friends and colleagues on the issues at hand. We will contribute to ending world hunger; we want your support, your energy, and your ideas. Please join us in this effort. Our next meeting is Thursday March 10, at 7pm in room 400, fourth floor of the Student Center. For further information please call 491-2688 or 225-6318 any evening.

Ken Finkelstein G
Susan Best G

Corrects the error about name, year

To the Editor:

My name is Kenneth I. Freedman '84, not Kenneth J. Freedman '85.

Kenneth I. Freedman '84
Editor's note: Freedman is a candidate for the office of Undergraduate Association President. The Tech regrets its error.

Reading Room administrator thanks users

To the Editor:

In *The Tech* of February 18, in the writeup on the Information Processing Services and Joint Computer Facility move to Building 11, Wes Burner is quoted as saying that "Almost all user services ... will move to Building 11." Not mentioned was the fact that the Reading Room will not be going to Building 11, as it is being eliminated in the move.

For newcomers, a little history of the Reading Room may be of interest.

In 1956, at the inception of the brand new Computation Center in Building 26, Professor Philip Morse, the director, gave me the

opportunity to set up and administer the Reading Room, which became, in fact, a circulating and reference library. I assiduously built up a collection on a wide variety of subjects including descriptions of computers, programming, systems and languages, applications of computers to scientific and engineering problems, related mathematics, artificial intelligence, graphics, computer-assisted instruction, networks, the state of the art of computing, new trends as they developed, etc. The collection reached approximately 6,000 volumes and 75 serials and journals.

In the early years, the Reading

Room served the New England colleges which used our computer facilities, in addition to the entire MIT community. The Computation Center moved to Building 39 and became Information Processing Center (later Services). The Reading Room flowered in Room 39-430 and provided the best in computing literature and served as a reference source for many MIT courses and researchers, in a rapidly changing field. The Reading Room also provided borrowing copies of manuals for everything on our systems, an enormous advantage to users. "Computer nuts" who stumbled upon our collection would light

up as a child in candyland, to see so many "goodies" in one place.

However, a few years ago, budgetary restraints put rigid limitations on the acquisition of new materials. Theft, which is plaguing all libraries, and lack of space also had to be considered. With the rationale that it did not want to pass on to users the cost of maintaining the diverse library we had had, the IPS management decided to change the mission of the Reading Room and limit its collection in general to materials which directly apply to the use of our own machines and systems. Therefore, most of the material

(Please turn to page 7)

Opinion

Letters are force tools

(Continued from page 4) message.

Bonugli's letter is propaganda, too, but of a much more blatant sort. I could display most of the ironies in Bonugli's letter here, but I urge you to discover them for yourself. I will, however, take the liberty of pointing out just one.

In the sixth paragraph of Bonugli's letter, he writes, "Pornography is enslaving us . . . We are losing our basic American freedoms." Five paragraphs later comes the sentence, "Freedom of the media ends where the welfare . . . of the country begins." There is an inherent contradiction here. The freedom of the press guaranteed by the First Amendment is one of our most important "basic American freedoms." That second sentence could have been uttered by a dictator of a totalitarian regime.

With one direct and one indirect quotation from the Bible, Bonugli seems to be offering it as the final authority, the guide for one's life. There is nothing wrong with that in itself. One is free to live by whatever book one chooses — the Bible, *Grimm's Fairy Tales*, *Atlas Shrugged*, or a cheap detective novel — just don't force me to do the same. So long as we are not invading another person's rights, each of us is free to do as he damn well pleases. Bonugli's traffic examples to the contrary are fallacious, as a moment's thought will show.

This freedom includes watching pornographic movies, producing pornography movies, and agitating against pornography movies. It is wrong, however, to force me physically to do anything — that's an invasion of my personal rights. That includes forcing me to stop watching pornographic movies. Note well that an event such as the showing of a pornographic movie on campus is not inherently an invasion of anyone's rights — no one is forcing you to attend. Whether or not Linda Lovelace was forced to participate in the filming of "Deep Throat" is a matter which will soon be decided in a court of law — where all questions of force should be settled. The court will decide whether to award damages to Lovelace and whether to restrict the showing of the film.

The paragraphs above represent, more or less, my own personal philosophy: live and let live, essentially. I commend it to anyone who's interested. Self-reliance may be a poor substitute for Divine Inspiration, but at least you don't have to go around beating people over the head until they see things God's way.

Editorials, marked as such and printed in a distinctive format, represent the official opinion of *The Tech*. They are written by the Editorial Board, which consists of the chairman, editor-in-chief, managing editor, executive editor, and news editors.

Columns are usually written by members of *The Tech* staff and represent the opinion of the author, and not necessarily that of the rest of the staff.

Letters to the Editor are written by members of the MIT community and represent the opinion of the writer.

feedback

Define policies for content more clearly

To the Editor:

Although I, like Heather Blair, [Feedback, Feb. 25] questioned the appropriateness of the Maxell Tape ad, I assumed that it was found acceptable under *The Tech's* advertising policy. I was therefore very surprised to read that what I assumed were guidelines governing what advertising *The Tech* considered "fit to print" was really a blanket non-policy.

Learning of *The Tech's* policy not to censor advertising submitted for publication leads me to question other *Tech* policies, including what *The Tech* considers its purpose and responsibilities to be. This definition of purpose must go beyond just informing readers to include how selections are made about which part of a multitude of information is published. Do other readers or even members of *The Tech's* staff know?

I ask *The Tech* staff to re-ex-

amine the purpose of the paper and the relation between it and the MIT community. Guidelines on selecting content in the interests of both the paper and its readers should be either made or revised, and these guidelines should be published. Although the Maxell Tape ad may still be run under new guidelines, at least *The Tech* will have a policy better than a risky decision not to edit possibly offensive advertising. More importantly, clear policies on the editing of other copy will be available to staff members and will be known by readers. With these policies, *The Tech* staff will be able to responsibly defend what it publishes.

Suzanne L. Horine '86

Editor's note: The Tech's aim has been and remains to report fairly and accurately events and issues relevant to the Institute community.

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For more information, see your Placement Counselor.

WE MEASURE UP.

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feedback

Reading Room had rich history

(Continued from page 6)
which did not fit this criterion was eliminated from the collection, as were past issues of periodicals, as the decision had also been made to keep most journals and serials for only one or two years.

In January 1980, in order to facilitate various user services, the Reading Room was moved from its fourth floor location to the second floor (Room 39-233) where it shares a common area with the Publications Office and Programming Assistance and Information.

Now, in the spring, the Reading Room is going away, and, as its creator and administrator for so many years, I would reach out in spirit to all who have loved it and benefitted from it through the years. I know from comments of countless people through the years that our Reading Room advanced the state of the art of computing, as well as advancing the careers of many individuals, and that it was one thing that made out MIT computer facility outstanding, and unique among university computing centers.

For my part, I am thankful for the opportunity I have had to serve the computing community, will of course miss it, and wish to thank all users of the Reading Room who have in any way — by patience, kindness, helpfulness, humor, appreciation — enriched my days.

Thanks, and thanks, and ever thanks.

Georgia M. Nagle
Reading Room Administrator

SPACE FAIR '83

BOSTON-WIDE SPACE CONFERENCE

will be held the week of April 12 beginning at the Boston Museum of Science, culminating at MIT.

Films, lectures, and presentation by industry. For anyone interested in helping out, we will meet Thurs., March 3rd, in the Student Center, Room 445.

The Responsibility of Popular Writers

June Goodfield

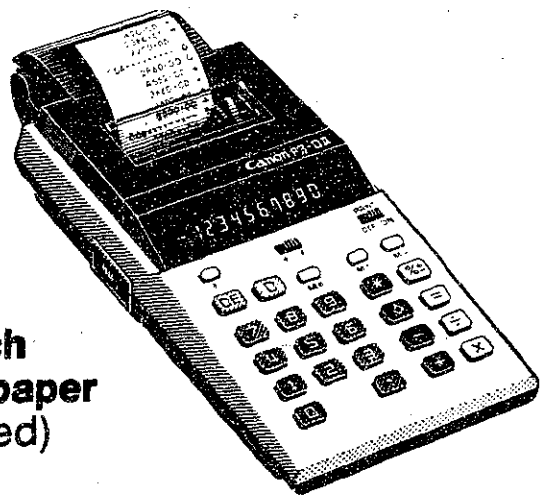
Speaking the Truth in Love:
What Role of Science Critics?

Thursday, March 3
Mezzanine Lounge

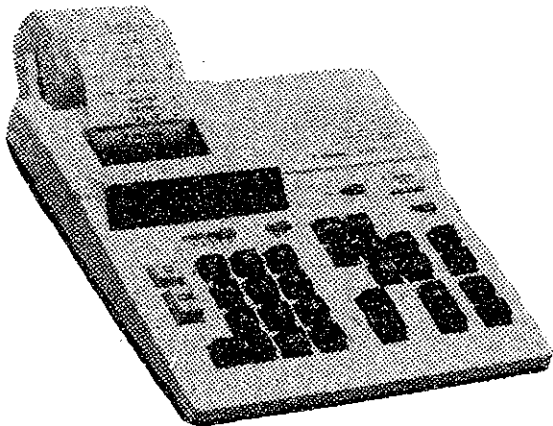
4:30 P.M.
Student Center

Tax Time Tools —

Canon P3-DII Handheld Printing and Display Calculator



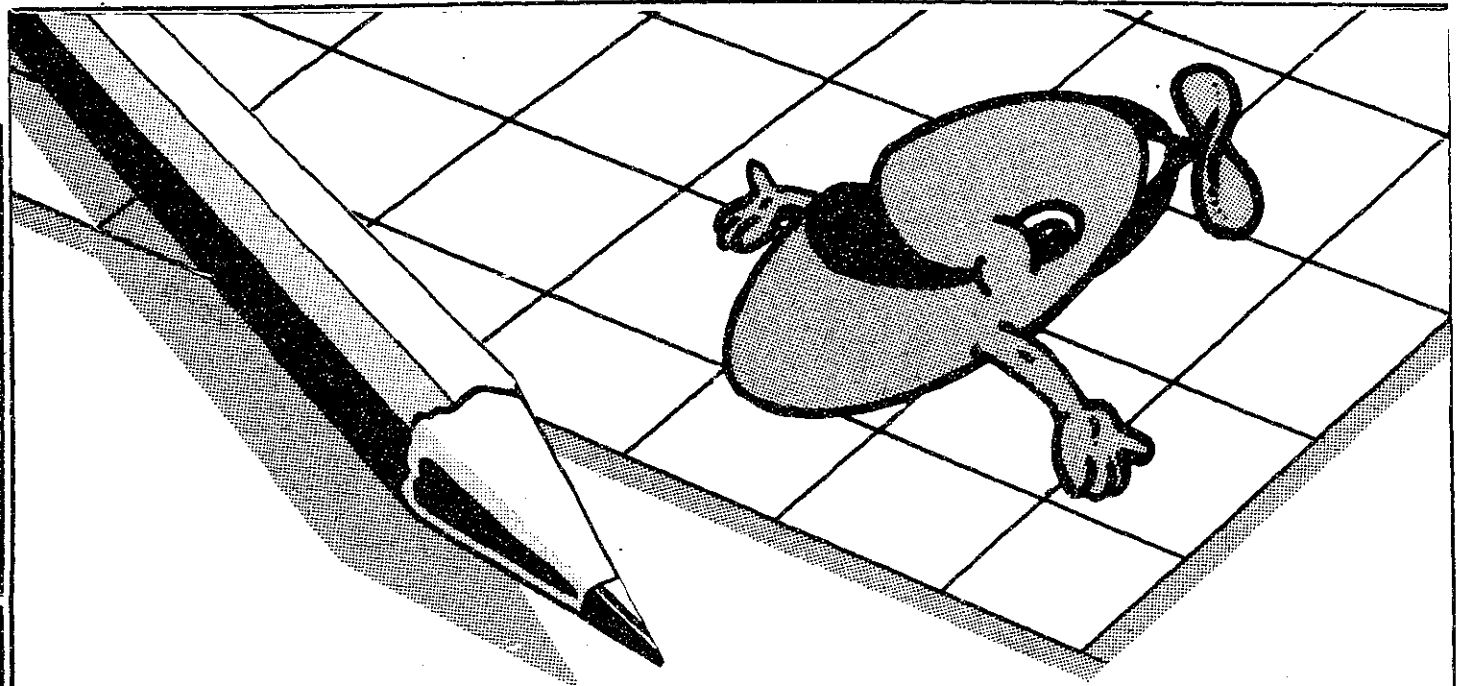
- * 10 Digits
 - * Single memory
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(3 rolls included)
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4 penlight batteries (included)
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- VLSI custom circuit design
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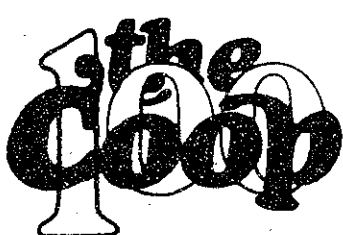
General Computer is located in Cambridge, Massachusetts. Our engineers have the unique satisfaction of seeing products they created in a market which has become part of American popular culture. Employees benefit from working with well-qualified associates in a flexible and productive environment.

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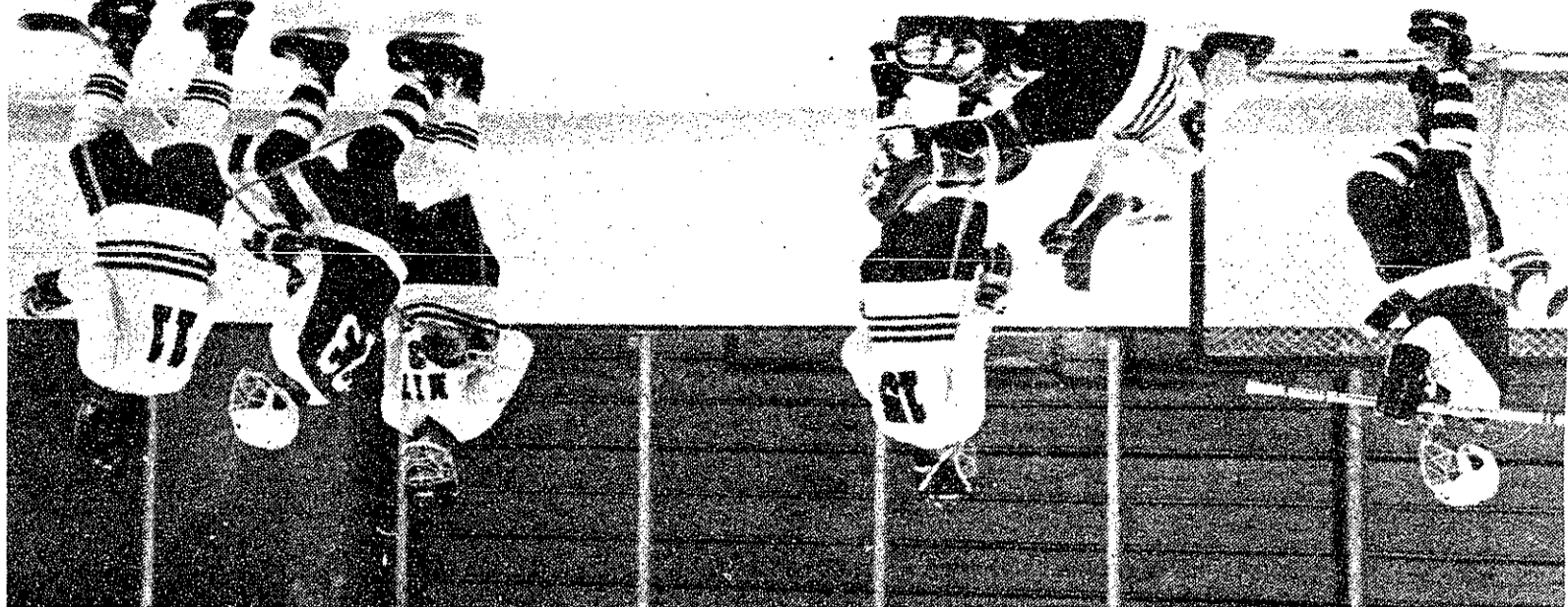
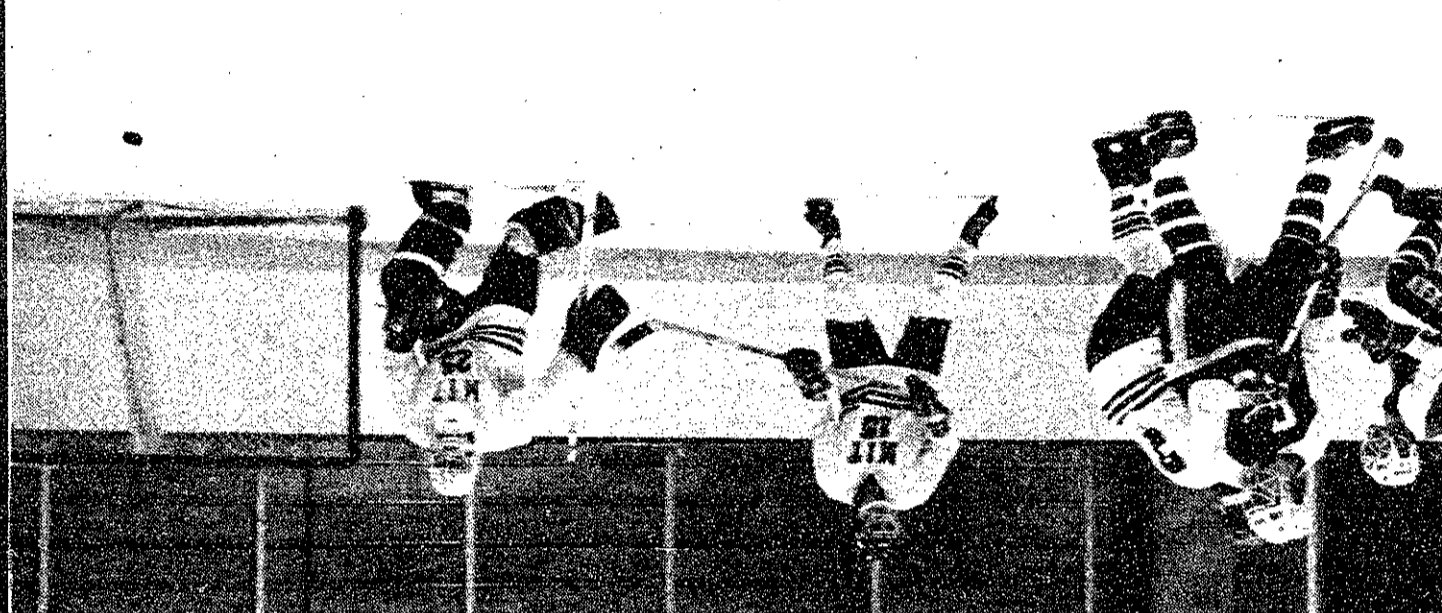
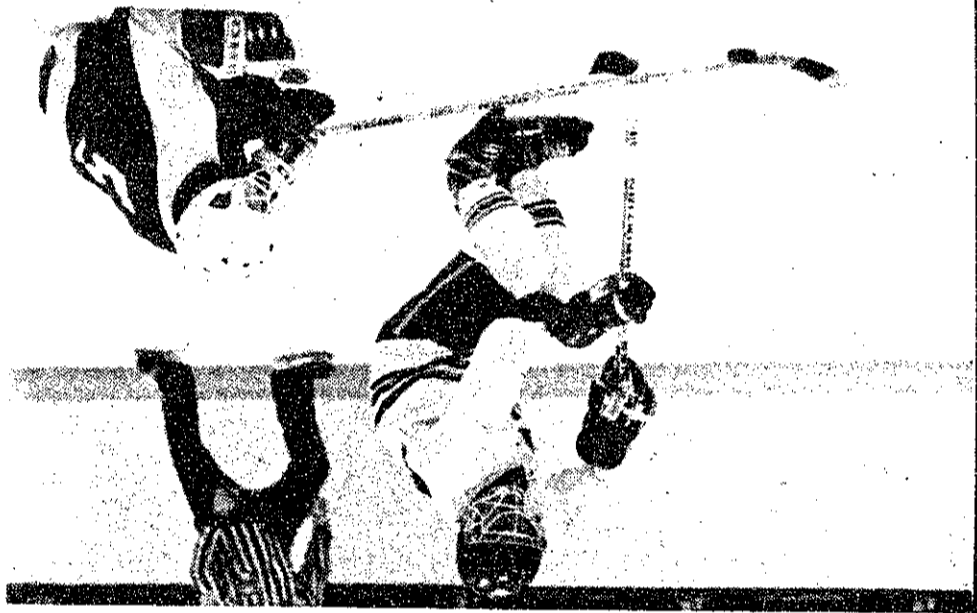
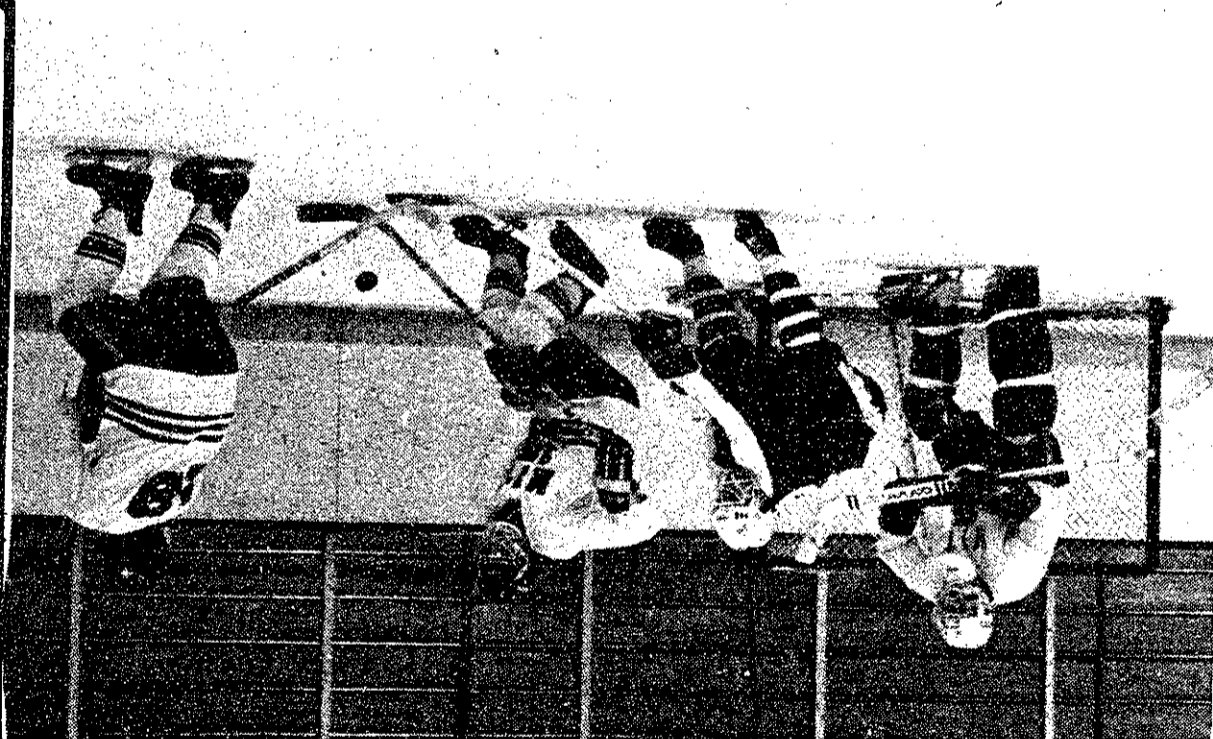
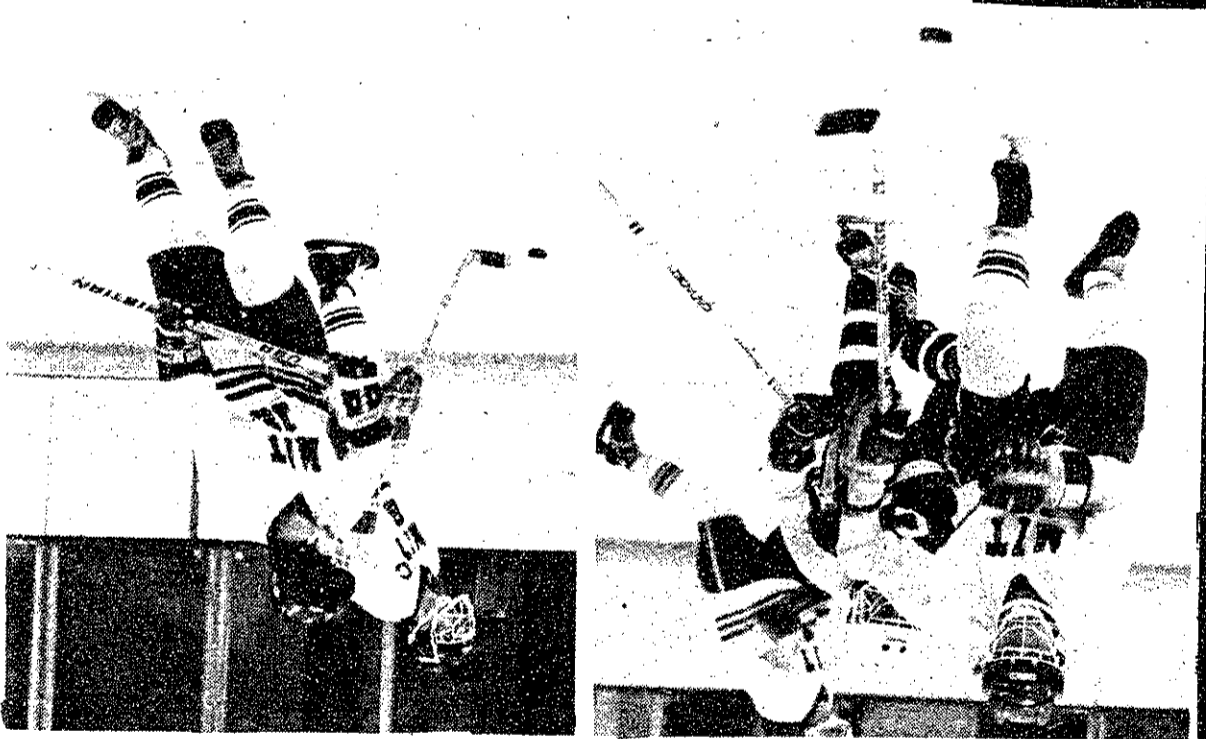
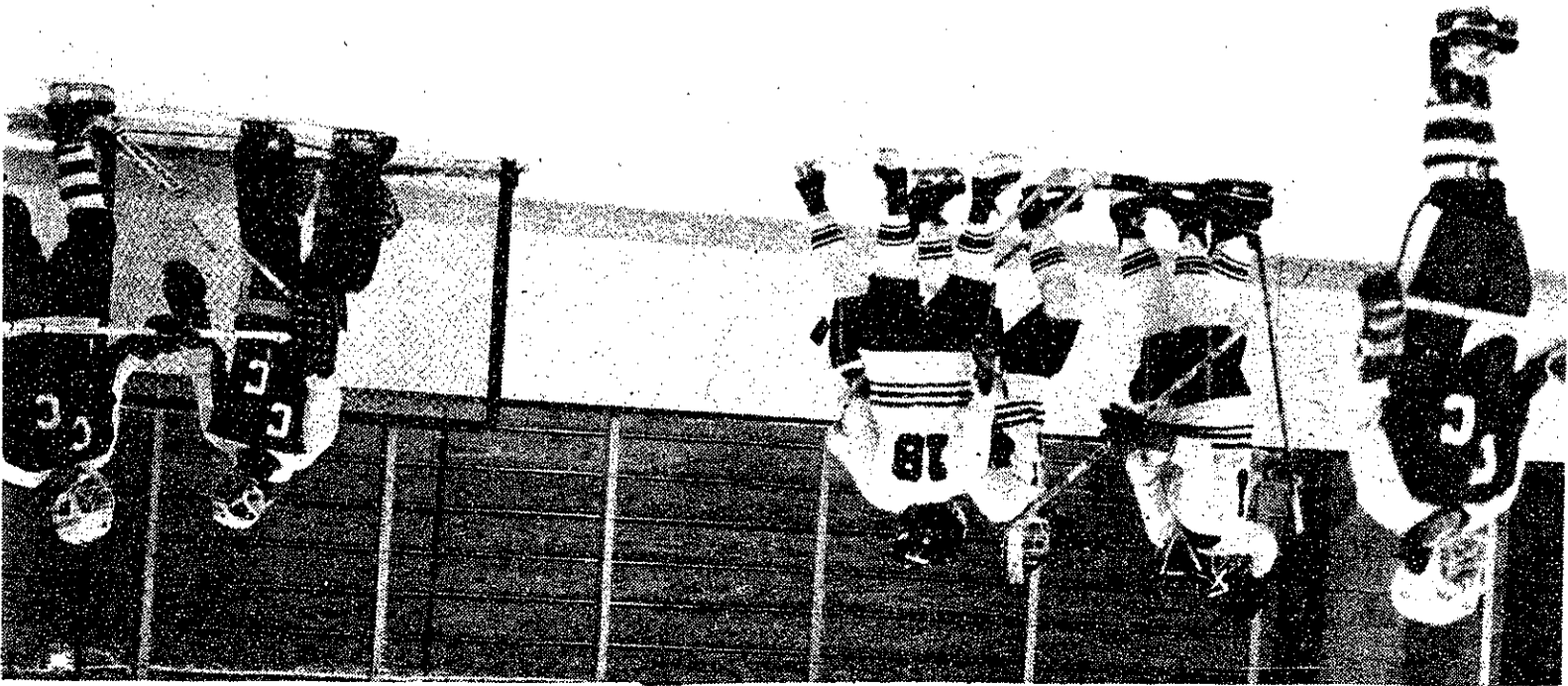


photo

Defense

Winston J. Smith

Defense



MIT's Varsity hockey offense was hot in the second period of the game vs. Connecticut College last week (above).

But, the defense could not hold back against the strong last minute attack, despite heroic play by the MIT goalie (left). MIT lost 6-5.

Transformed Young

Trans, Neil Young on Geffen Records.

If you go into a record store and look for *Trans*, the new Neil Young album, you will probably find a sticker on the shrink wrap which denotes a typographical error: the album cover and inner sleeve list a song called "If You Got Love" which, in fact, does not appear on the album. One may surmise that another stupid computer screwed up, and this forbodes of the contents of the album.

Trans, which most likely stands for "transition," has brought Neil Young into the electronic eighties. The album cover and lyrics are overflowing with computer references: a heart, which normally represents love or other gushy emotions, is drawn automatically on the back cover, and further electrical engineering junk is found within (transistors, etc.).

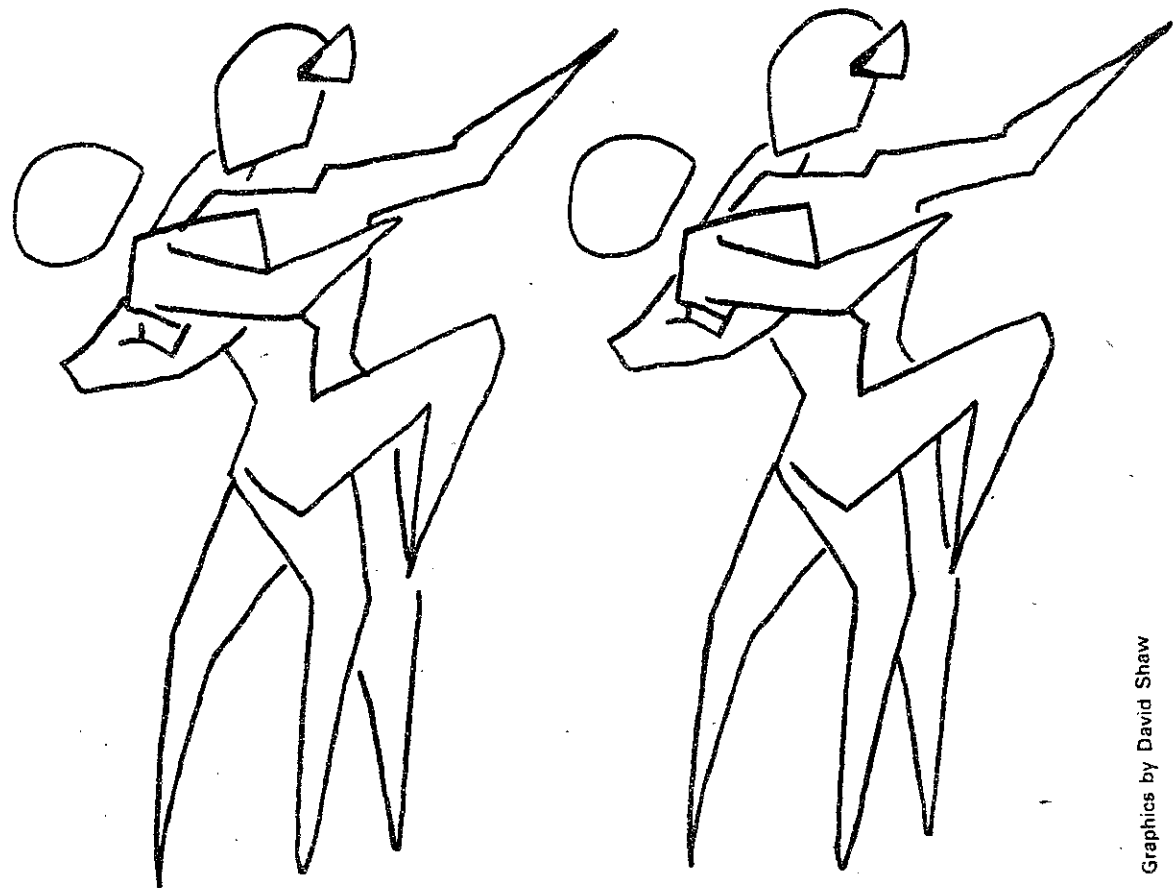
Five of the nine songs are explicitly about computers: "Computer Age," "Transformer Man," "We R In Control," "Computer Cowboy," and "Sample and Hold." These songs are also the ones in which the electronic instrument revolution makes itself obnoxiously obvious. All the voices are electronically processed, which can be quite effective and even beautiful if it smooths out the voice (a trick often used by Alan Parsons), but when it turns a distinctive voice into a bland, grating, or microprocessed imitation the musical benefit is questionable. It is hard to imagine why Young, whose voice is one of his greatest assets, would want it to be emasculated by electronic processing. Perhaps he is satirizing the overuse of the new techniques, but a satirical comment need only compromise one song rather than the better part of an album.

Only "Computer Cowboy" seems to be entirely without merit; even when bare of the pinball machine voice it remains an embarrassing country song. "Come a ky ky yipee yi yipee yi ay" sung by a computer is less tolerable than chalk screeching on a blackboard. The vocoder treatments do work well in several other songs, particularly "Transformer Man," a mellifluous Alan Parsons-esque special, and "Mr. Soul." Once these tunes grow on you (and they do, like a fungus) they become rather enjoyable.

Trans, though not standard Neil Young, is not substandard Young, and marks a crucial change in his methodology. Somehow his trademark style still shines through, and his brilliant guitar work remains audible over all the beeps, whirrs, and hums. The disc's three "Normal" tunes are classic Young: "A Little Thing Called Love" will probably be remembered long after Young's "trans" music fades away. "Like An Inca" is also of merit both musically and lyrically. The simple, traditional Young style and beautiful natural (unprocessed) voices close the album in a satisfying manner: it is a relief to hear normal voices again.

Neil Young fans will almost certainly be disappointed by his transformation. New music fans will also be disappointed; Young is not a pioneer of this genre. Although every artist should grow and change in order to remain fresh and vital, changes toward current trends seem more commercial than artistic. One can only hope that Neil Young will return to his own path, the one that made him a legend.

John Stein



Graphics by David Shaw

Writhing by the stereo

Twisting by the Pool, Dire Straits EP on Warner Brothers Records.

When I put Dire Straits's new *Twisting by the Pool* EP on my turntable, I had absolutely no idea what to expect. The album cover is interesting enough — two figures poised, ready to dance — so I figured the tracks would be energetic songs even a zombie could dance to. I mean, after all, this was supposed to be a dance EP. Well, the album certainly lives up to its name. You could dance until your feet fell off, in fact, I had trouble sitting still enough to write this review. The album has only four songs, but the names seemed promising.

"Twisting By The Pool" could easily be inserted on any random Beach Boys's album and not be distinguishable stylistically. If you put aside the fact the lyrics are more or less meaningless ("Twisting by the pool, twisting by the pool, twisting by the pool" etc.), and the beat was designed for

dancing, the childish repetition will still get on your nerves.

The rest of the album, unfortunately, is not much better. "Badges, Posters, Stickers and T-Shirts," with its jazzy beat and great instrumentals, almost makes up for the other three songs, but the track is tarnished at the end by a bad Ella Fitzgerald imitation by lead singer Mark Knopfler.

The record is catchy and fast, but I'm afraid repetitions slow down even the fastest tracks. "Two Young Lovers" and "If I Had You" (the cuts which constitute the second side), despite their fast pace, somehow manage to remain boring. They start off well, but too much of a good thing will ruin a record every time.

Twisting by the Pool is recognizably Mark Knopfler, and it is much faster than traditional Dire Straits, but the repetition and ridiculous lyrics will put you asleep on your feet. Yawn, yawn, yawn.

Carl Bauer

Guitars and women,

Money and Cigarettes, Eric Clapton on Warner Brothers Records.

In an age when you almost have to be an electrical engineer to cut an album — when you can become lost in a sea of synthesizers, voice processors, electronic drums, and random noise generators — it's refreshing to hear a solid rock and roll album laced with excellent guitar playing by one of the instrument's legendary practitioners, Eric Clapton.

Clapton's new album, *Money and Cigarettes*, offers both the simplicity of basic rock and roll tunes and standard country ballads, tied together with a blues base. The result is vintage Clapton.

Money and Cigarettes seems to suggest Clapton has changed a little from his earlier days with The Yardbirds, Cream, and Derek and the Dominoes. The album is the first major work Clapton has produced since he suffered a stroke a few years ago, and his heightened awareness of life is evident throughout.

"Slow Down Linda" and "The Shape You're In" are two songs in which Clapton offers some advice to friends whose lifestyles are as fast-paced as his once was. "Man Overboard" and "Man in Love" are

basically interchangeable romantic ramblings that offer little to the album. "Crosscut Saw" (one of the four tracks not written by Clapton) also falls into this category, offering the ridiculous lyrics:

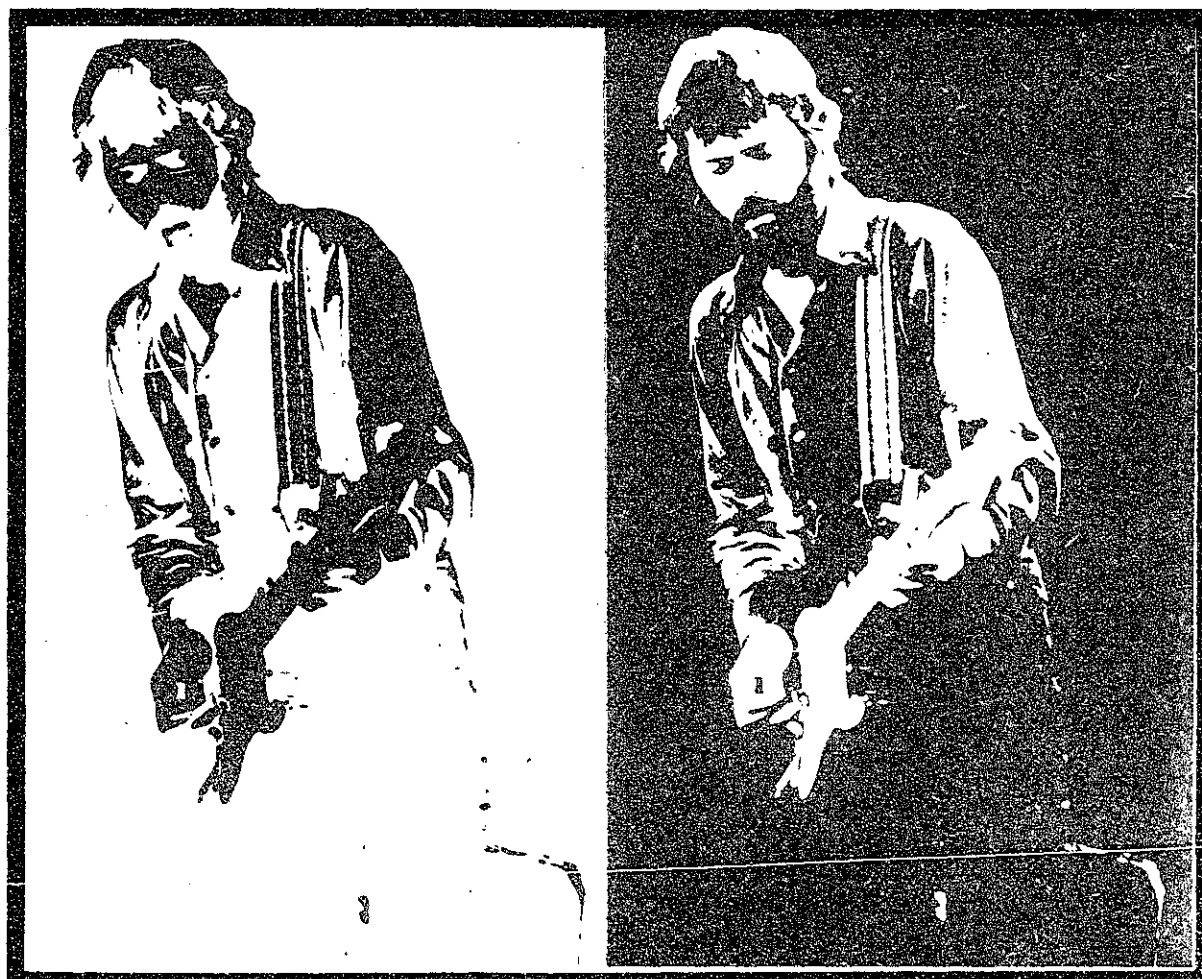
*Well I'm a crosscut saw,
Ah baby draggin' across your leg,
Yes, I cut your wood so easy for you baby,
That you can't help but say, "Hot Dog!"*

"I've Got A Rock N' Roll Heart" is a boring throwaway, made tolerable only by Clapton's solos, while "Crazy Country Hop" is a jazzy rock and roll number that ends the album on a fast note. "Everybody Oughta Make A Change" and "Ain't Going Down" are more evidence Clapton has decided to slow down a bit. Clapton's understandably recent concern with death also surfaces in these two songs:

*'Cause everybody, they oughta
Make a change sometime
Sonner or later we got to go down
In that lonesome ground.*

Although every track on the album is highlighted and made eminently listenable by Clapton's unique guitar work, *Money and Cigarettes* is not Clapton's best. It is, however, classic Clapton. Recycled rock and roll rarely sounds this good.

Carl Bauer



money & cigarettes

ARTSARTSARTSARTSARTSARTSARTS

Pizza, too

The cost of an MIT education keeps climbing. Guess how much it will cost next year, and you could win a \$5 gift certificate for Toscanini's Ice Cream and \$5 in gift certificates from Joe's Pizza Oven. The closest entry in each of three categories — tuition, equity level, and total budget — wins the ice cream. Send your prediction for next year's tuition, equity level, and total budget, along with your name, address, and telephone number to Ice Cream Contest, *The Tech*, MIT Room W20-483.

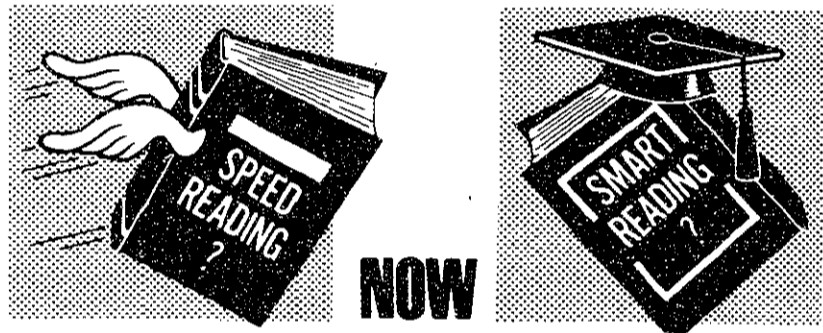
Limit one entry per person; members of *The Tech* staff, the Academic Council, and their immediate families are not eligible. Ties will be broken by random drawing. *The Tech* reserves the right to publish contest entrants' names and predictions.

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PILLAR POSTER QUESTION OF THE WEEK

(will appear on WEDNESDAY, MARCH 3)

"What is your opinion on MERIT-BASED Financial Aid during the upperclass years?"

(merit-based: financial aid would be based on a combination of need and academic performance)

Sponsored by the Academic Council
 Task Force on Financial Aid

The Everett Moore Baker Memorial Foundation
 is now accepting nominations for

The Everett Moore Baker Memorial Award for Excellence in Undergraduate Teaching

The Everett Moore Baker Memorial Award for Excellence in Undergraduate Teaching was first presented twenty years ago, to recognize and encourage exceptional interest and ability in the instruction of undergraduates. The award is given to young faculty members, below the rank of full professor, who have demonstrated that they are truly interested in undergraduates, both in and out of the classroom. Past winners of the Baker Award include Frank Morgan, Alan J. Lazarus, Amar G. Bose, Charles E. Holt III, Daniel S. Kemp, Albert R. Gurney, Jr., William G. Thilly, Murray J. K. Biggs, and Woodie C. Flowers. This year's award, consisting of a \$1000 honorarium and a bronze medal, will be presented at the awards convocation May 4.

Our colleges have placed too much emphasis on the imparting and gaining of knowledge and too little on developing opportunities for the acquisition of wisdom and understanding.
 —Everett Moore Baker, 1950

MIT faculty members from both fall and spring semesters below the rank of full professor are eligible to receive the award. All MIT undergraduate students are invited to submit letters of nomination to the Baker Foundation Committee, Room 3-234.

Recommendations must be received by March 17, 1983.

COMPUTER SCIENCE AND ELECTRICAL ENGINEERING MAJORS

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ON-CAMPUS INTERVIEWS

Thursday, March 3

Contact your Placement Center for an appointment and literature.

If unable to attend our interview session, please forward your resume to Shirley McDonnell, M/S450, ROLM Corporation, 4900 Old Ironsides Drive, Santa Clara, CA 95050. We are an equal opportunity/affirmative action employer.

ROLM
 CORPORATION

State to fraternities: use smoke detectors

(Continued from page 1)

member the exact date the IFC was notified about the regulation.

The IFC bought the smoke detectors from Gem Peerless Electric, Inc., according to Nicoli. "Roughly 20 fraternities were involved," he said. "Most of those not involved already had detectors."

All Cambridge fraternities, Nicoli said, have met the requirement. The Boston Fire Department may not have checked MIT fraternities in the Back Bay area, he added.

Some fraternities still have not installed smoke detectors, Ferzani claimed. "They have been working on it for a rather long time. If they refuse to comply with the law," he continued, the fire department will take legal action.

"In any city or town which accepts this section, hotels, boarding or lodging houses, or family hotels . . . shall be equipped with an automatic smoke or heat detector in each dwelling unit and each hallway floor," according to Massachusetts General Law, Chapter 148, Section 26C. One approved smoke detector must be installed in each sleeping area, the regulation states.

"The law is a matter of interpretation," Diaz explained. He said he is fairly certain both Boston and Cambridge laws consider fraternities to be boarding houses.

"The law includes fraternities in its definitions of housing," Ferzani confirmed.

First black astronaut talks at MIT

(Continued from page 1)

knowledge African scientific achievements, he said. The mapping during the 13th century of the orbit of the star Sirius B — invisible to the naked eye — and the building of the Egyptian civilization are specific achievements, he continued.

Africans visited the western hemisphere before Christopher Columbus, Van Sertima claimed. There are plants in South America identical to those in Africa, he said. It is only possible that Africans brought the plants from one continent to another, he concluded. Certain Mayan statues in South America have negroid features, he pointed out.

The study of ancient African civilizations is not "entering the educational system" because educators study only the "primitive" Africans and not their civilization centers, Van Sertima said.

The Office of the Dean for Student Affairs notified the fraternities of the regulation, confirmed Walter G. Diaz, safety assistant of the MIT Safety Office. "Many have complied, but some have not," he said. "The Cambridge Fire Department will continue to check on the fraternities."

The Cambridge Fire Department checked every building in the city, including the fraternities on Memorial Drive, for possible violations of the regulation, according to Ferzani.

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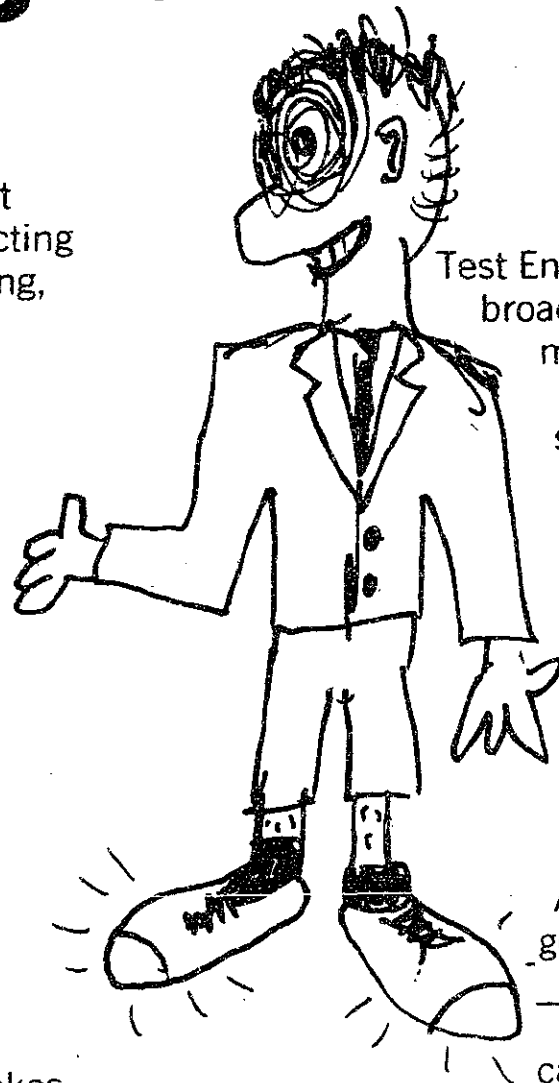
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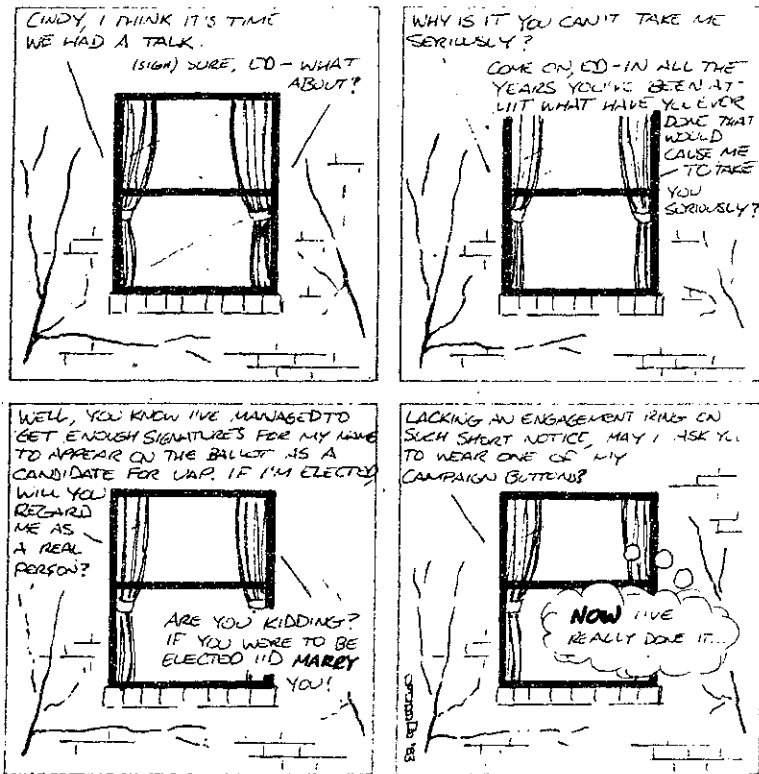
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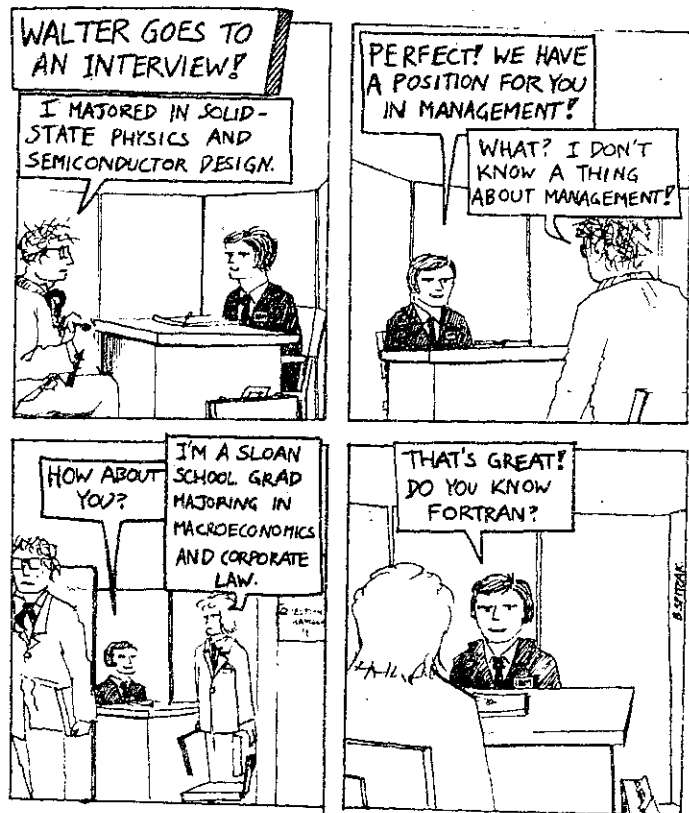
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UA News

The Greasiness of the Undergraduate Runner

It may be too late to hand in nomination petitions for UAP/UAVP or class office, but there is still time to attain heights of power and involvement that most mortals only dream of. All you have to do to run for one of these astonishing offices is attend the right meeting:

Tonight there'll be the **Dormitory Council Elections**. To run for Chairman, Vice-Chairman, Parking Chairman, Secretary-Treasurer, Social or Jud-Comm Chairman, you only need to be a resident of an undergraduate dormitory. Call John Smith at 5-7224 for information. DormCon elections meeting: 7:30pm, tonight, Tuesday, March 1st, 1983 in room 413 of the student center.

Your other big chance comes tomorrow night at the **Association for Student Activities (ASA) General Committee Meeting**. Once again there are six exciting offices to run for. You only have to be a member of an ASA recognized activity to be eligible. The positions are President, Treasurer, Secretary and three members at large who sit on the UA Fi-

nance Board. Pretty exciting, huh? For more information call x3-2696. ASA General Committee Election Meeting: 7:30pm, tomorrow, Wednesday, March 7th in room 400 of the Student Center.

Endless Fun

Yes, sometimes it seems like the fun never ends. If you're thinking you want some of that endless fun stop by the **General Assembly (GA) meeting** this Thursday. People will talk, people will listen, and you'll get your chance to hear from all of the UAP and UAVP candidates. The meeting starts at 7:30pm in room 1-190 this Thursday March 3rd. We'll bring the candidates out at 8pm. The forum will end at 9:30 when we'll serve light refreshments and you can speak informally with the candidates.

Above Board

The **Association for Women Students (AWS)** is hosting a discussion series called *Above Board* this semester. This week's topic is "Social Life." *Above Board* will happen on the first and third Tuesday of every month at 7:15pm. This week it will be held in room 447 of the Student Center. Refreshments will be served and at 9pm after the discussion you

can stick around for the AWS general meeting. Just to summarize: *Above Board*: "Social Life" Tuesday March 1 room 447 of the Student Center. Refreshments served and general meeting follows at 9pm. If you have questions (like "what will the refreshments be?") call AWS at x3-8898 or Betsy Sal-kind at 876-2518

It Only Hurts a Little

You've given your time, sleep and money to the Institute. Finally, you've got a chance to keep a valuable part of yourself out of MIT's clutches. By donating a pint of your blood to the Red Cross at this week's **TCA Blood Drive** you'll make it one less pint of blood that this school can sweat out of you. Don't forget those free jelly beans.

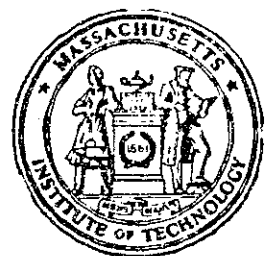
End to Boredom

Are you tired of lazing around wishing you had something to do with all those hours and hours of free time you have because you're and MIT student? **HoToGAMIT XV** needs people to be section editors and subsection editors. This is your chance to help make an MIT publication that people actually read. Call or stop by the TCA Office WW20-450 x3-4885.

Still More Fun

If you miss the GA UAP/UAVP Forum or if you still want to hear more you can go to the **UAP/UAVP Open Forum** Monday, March 7th at 7:30pm. The

candidates will all make opening statements and then they'll answer your questions.



Who are those two guys, anyway?

You know, those two guys on the MIT seal. One looks like a blacksmith and the other like some bookworm who walks around reading a book or else he's some tourist looking up a word in his French/English dictionary. Just who are they? Don't they have names? Darn it, it's time we got answers to questions like this! If you've got an answer or a question of your own give it to your representatives to the people in high places. Your UAP and UAVP and other greasy types are here to deal with this kind of stuff. We'll let you know what we learn about the two guys next week.

UA News

is here to serve you. Get those submissions in. UA News W20-401. If you have questions contact David Scrimshaw x3-2696.

(Paid Advertisement)

IPS makes schedule for Building 11 move

(Continued from page 1)

port from MIT, Scott continued, and it must provide operational costs from user fees. Although the new systems will be slightly less expensive to run, Scott explained, total finances for all of IPS' operations will not change because it will be more expensive to maintain the new locations and services between them.

The Department of Electrical Engineering and Computer Science needs IPS' present location in Building 39 for Very Large Scale Integration (VLSI) research, Scott said.

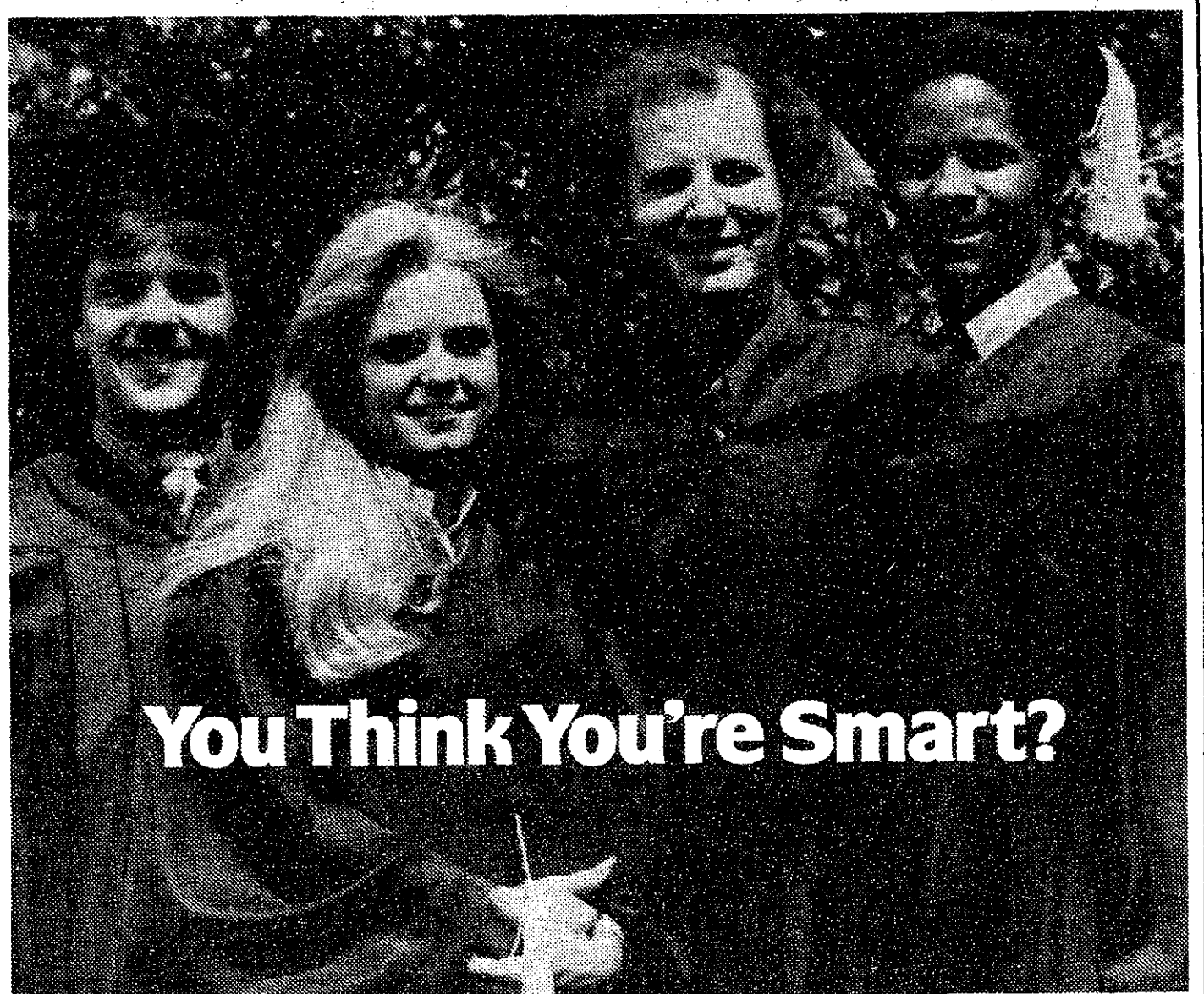
The entire IPS operation will move, with the exception of its computing facility in the Sloan Building (Building E52), Scott said. Customer services will relocate to Building 11, which formerly housed the Medical Department and which is currently under reconstruction. System operations will move into the former Aerophysics Laboratory (Building W91). The building will contain all the computer hardware. IPS will relocate its executive offices to Building 4 and will use Room 1-390, Scott added.

The group will share Building 11 with the Joint Computer Fa-

cility (JCF). Most of IPS customer services will be located on the second floor, including consulting services, terminals, reference, documentation, printers, and a plotter. The publication and sales office and the Student Information Processing Board (SIPB) will also be located on the second floor. The third floor will house the offices of Scott and his staff, who will handle special consulting jobs. IPS will maintain an User Account Office on the first floor.

There will be no facilities for reading tapes or cards in Building 11, Scott noted. "These will have to be shuttled to [Building] W91 and we expect the shuttles to be running into the evening," he said. Users will probably not be able to submit the tapes and cards themselves. "We have no current plans for access to [Building] W91 by our customers," he added.

"We will also be constantly reminding our users through newsletters and bulletins of our schedules so they'll be aware of what's going on. By the end of May, we should see the whole 'shabang' down in Building 11 and in W91."



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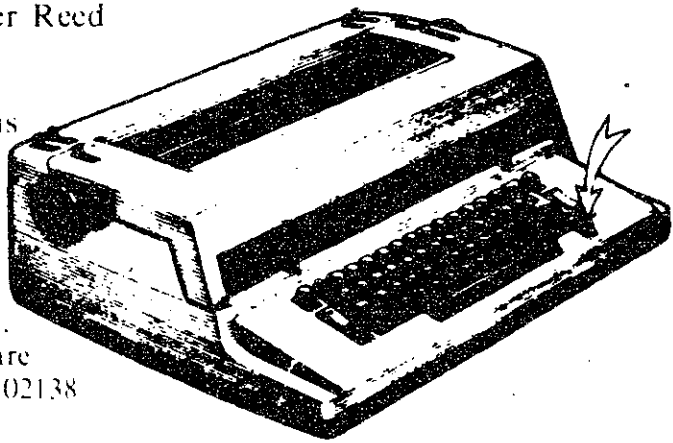
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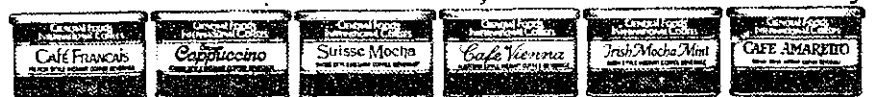


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sports

Eric R. Fleming

Considering the best parts of Men's Basketball this past year

Now that the hoop season is over, it's time for my annual column devoted to reflecting on the past five months. But since this is my last season, 'tis appropriate to look back on the last four years of MIT men's basketball, and pick out some of the best (and worst) experiences.

Before beginning, I should caution that the views expressed here necessarily reflect those of Eric R. Fleming, MIT men's basketball manager, and opposing views are quite unimportant. Anyway, here they are:

Best guards: Dan Trant, Clark; Mark Branch, MIT. Branch's accomplishments have been well heralded in these pages, nothing more needs to be said. Trant has improved each year, and is one of the best all-around guards in New England.

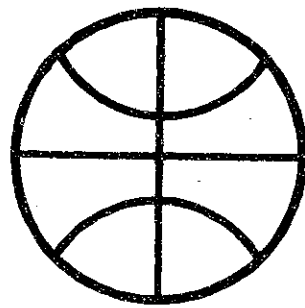
Best forwards: Ray Nagem, MIT; Chris Jerome, Bowdoin; Kevin Clark, Clark. Though I saw Nagem for just one year, he impressed me with some great low post moves, often against opponents two or three inches taller. Jerome has been a thorn in our side every year, with solid play at both ends of the floor. Clark was only 6-4, but played at least two inches taller; virtually unstoppable inside.

Best centers: Peter Dorfman, Connecticut College. A tough category, because forwards often play the post spot. Dorfman made the Camels during the last two years; without him, they aren't a very good team.

Favorite gyms: WPI, Amherst, Briggs Cage, Harvard. WPI has a great facility: a good wood floor, well-lit, and plenty of seats. Amherst's gym is an architectural wonder, and when it's filled, "pit" is the best way to describe

it. Anything over the Indoor Athletic Building (in which the court was on the fourth floor) is an improvement for our friends up Mass. Ave.

Worst gym: Cambridge YMCA. This dump is the home of Suffolk. Two years ago, we slipped and slid to victory. I'd just as soon have them play all their games here.



Best games: Bates, January 1981; Tufts, December 1982; Bowdoin, January 1982. We came back from a 19 point deficit to win the Bates game in OT, before a large and enthusiastic crowd in the Cage. Although we lost to Tufts on a last-second bucket, the intensity and fine play of both teams was pure Final Four material. The win over Bowdoin broke a six-game losing streak for us, and we played intelligently to do it.

Most obnoxious crowd: Amherst. Talk about some stuck-up people. They booed our cheerleaders, our players, and if Paul Gray had been there, they'd have razed him too.

Worst road trip: Maine, January 1982. As so chronicled in this space, it was a disaster. A poorly-played game against Thomas Friday, a tough loss to Bates Saturday, not to mention the bitter cold and fatigue we faced. I personally had been living out of a suitcase for three weeks, and was glad to see ol' Burton House at

2am that Sunday.

Managerial crews I'd like to shoot: Yeshiva, WPI. The jokers from Yeshiva were awful. Worst of their offenses was asking me to chastise the refs for making bad calls. The jerk who did the book for WPI was a pompous fool, who became upset when I gave his coach the foul status of the WPI players. It's too bad, because WPI sports information director Mark Mandel basically has a top-notch operation.

Most tolerant of s---: MIT cheerleaders. It's amazing the stuff those young ladies put up with when we go on the road. For that and their dedication, I thank them for a job well done.

Most dedicated fan: Klint Wright. Despite the bad jokes, unusual comments, and being an occasional nuisance, ol' Klint has been an important friend and asset to the team.

Most spirited players: John Wolfe, Cedric Smith. Though neither got a lot of playing time, both guys exuded a lot of spirit from the bench. In their own special way, John and Cedric typify what athletics at MIT really mean: *Fun*.

Finally, **Best managerial crews:** MIT, Harvard, Trinity. The previous categories were not listed in order of preference, but this one is. Harvard and Trinity did a fine job of getting stats out, and making sure the game went smoothly, but I think that our combination was by far the best. I know it sounds immodest, but I've heard nothing but good words from other schools about our group. I thank Kevin Smith, Bomber, Tex, and Ken Cerino for making us the best, and challenge Bomber and Tex to keep MIT number one in the future.

sports update



Bowling — The bowling club finished sixth in the Association of College Union International tournament this past weekend, despite Saturday's poor start which saw the team in tenth place after the first three games. The squad's performance improved over the remaining six games, with MIT overtaking both Lowell and UConn in the final three on Sunday to finish just behind UNH. MIT's surge was powered by a tournament-high 658 (214-217-227) series from team captain Mark Helder '84, who placed seventh overall.

Gymnastics — The men's gymnastics team came in third of six at the New England Championships at Lowell last weekend. Mike Ehrlich '84 was second in the floor exercise with a score of 9.20. Jack McCrae '84 (8.15) and co-captain Linus Kelly '83 (8.10) were second and third, respectively, in the pommel horse, and Dave Roberts '85 tied for third in the vaulting with a 9.45.

The women closed out their season with a 145.9-123.9 loss at Bridgewater State Saturday. The team, now 3-6, will participate in the New England to be held at Connecticut College Saturday.

Swimming — Lori Blackwelder '86 captured first place in the three-meter diving competition at the New England Championships at West Springfield Saturday with a score of 372.05, more than two points ahead of the second-place finisher. The team as a whole finished ninth in the twenty-one team field.

Track — John Taylor '84 finished fourth in the 400 meters with a time of 50 seconds in the New England Open Championships at Bates College last weekend, only two seconds off the winning pace. The 3200-meter relay team also did well, placing sixth in 7:51.54.

Wrestling — Ken Shull '84 was seventh at 134 pounds in the NCAA Division III Championships held at Wheaton, Illinois last weekend. Shull, seeded seventh, received a first-round bye, and defeated Bill McHugh of Oneonta State (N.Y.) 3-1 on a takedown with thirty seconds to go. The MIT wrestler then lost 8-4 to the number-two seed Pat McMahon of Augustana College (Ill.). In the consolation rounds, Shull blanked Joe Thrash of the University of La Verne (Cal.) 14-0, lost 11-0 to Ithaca's Bart Morrow, and downed Mark Howard of Oswego State (N.Y.) 6-4 for the seventh spot.

In other action, Tim Skelton '85 was defeated in the first round of the 126-pound competition, while Steve Ikeda '85 took his opening-round match in the 142-pound class, defeating Troy Marshall of Delaware Valley. Ikeda then lost his next two bouts to finish out of the running.

Squash — The squash team honored coach Ed Crocker, who is retiring after 27 years as squash coach, with a 5-4 win over Wesleyan last Monday in the squad's last regular match of this season. The racqueteers will be at Princeton next weekend for the national championships.

Hockey — The men's hockey club ended its season at 11-4 with a 3-1 win over Quinnipiac Saturday afternoon. Tom Lewis, Frank Scarrabino, and Paul Dinnage all scored in the winning effort. The club is now 36-12 in the past three years under the leadership of coach Joe Quinn.

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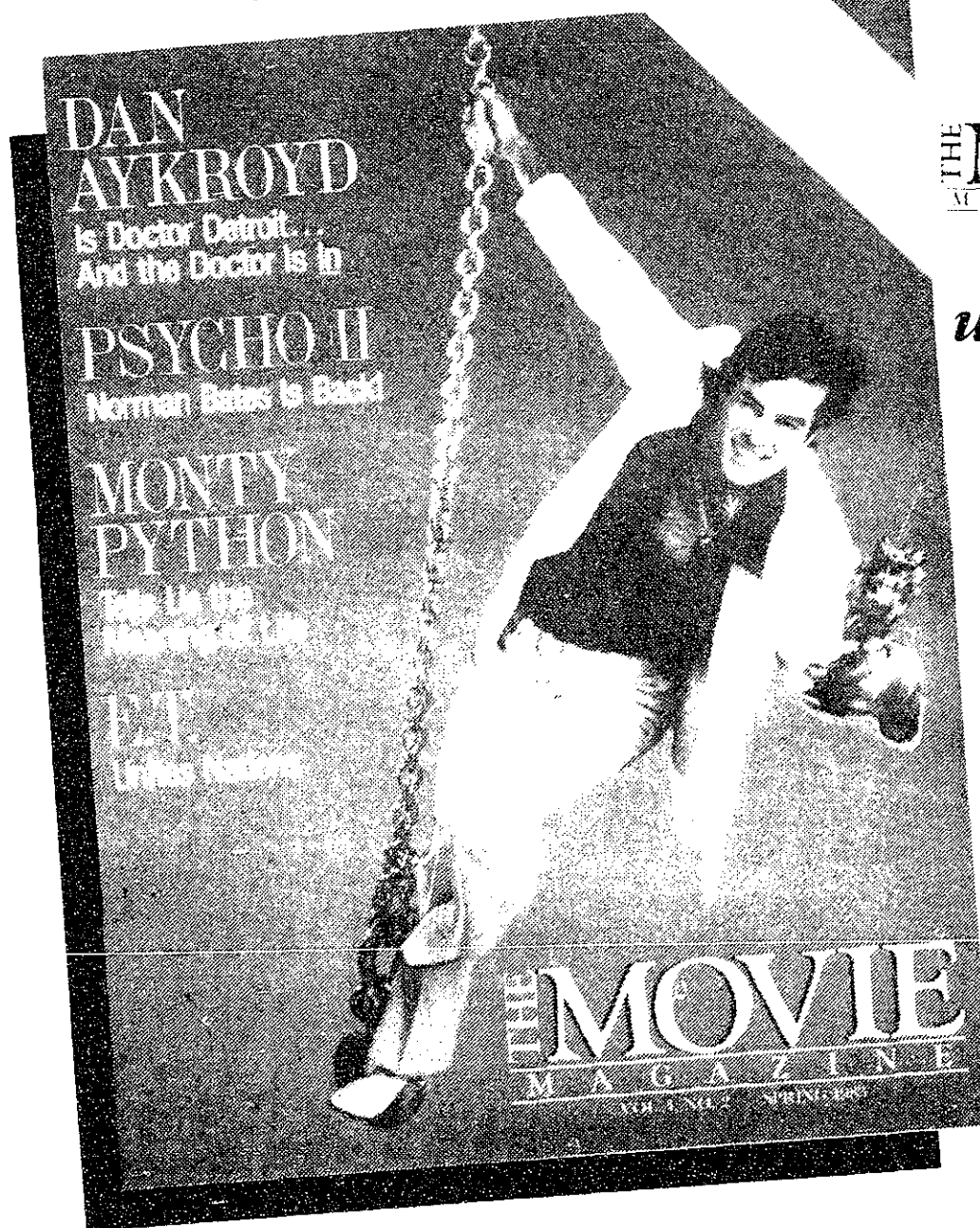
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sports

Rifle blasts its way to 30-0 year, takes first in league

By Martin Dickau

The rifle team capped off its outstanding 30-0 season with a first-place finish in the league finals on Friday and Sunday, and with two new MIT rifle range records in the sectionals held on Saturday.

Cliff Eskey '85 shot a 567 out of a possible 600, captain Greg Buliavac '83 and Pam Sullivan '86 tied at 555 apiece, and Robert Cooley '85 fired a career-high 548 to give MIT its winning 2225 (out of a possible 2400). Other



Tech shooters participating in the match were Felixa Goldenberg '85, Dan Kuip '86, Robert Engels '85, and Gary Drlik '85.

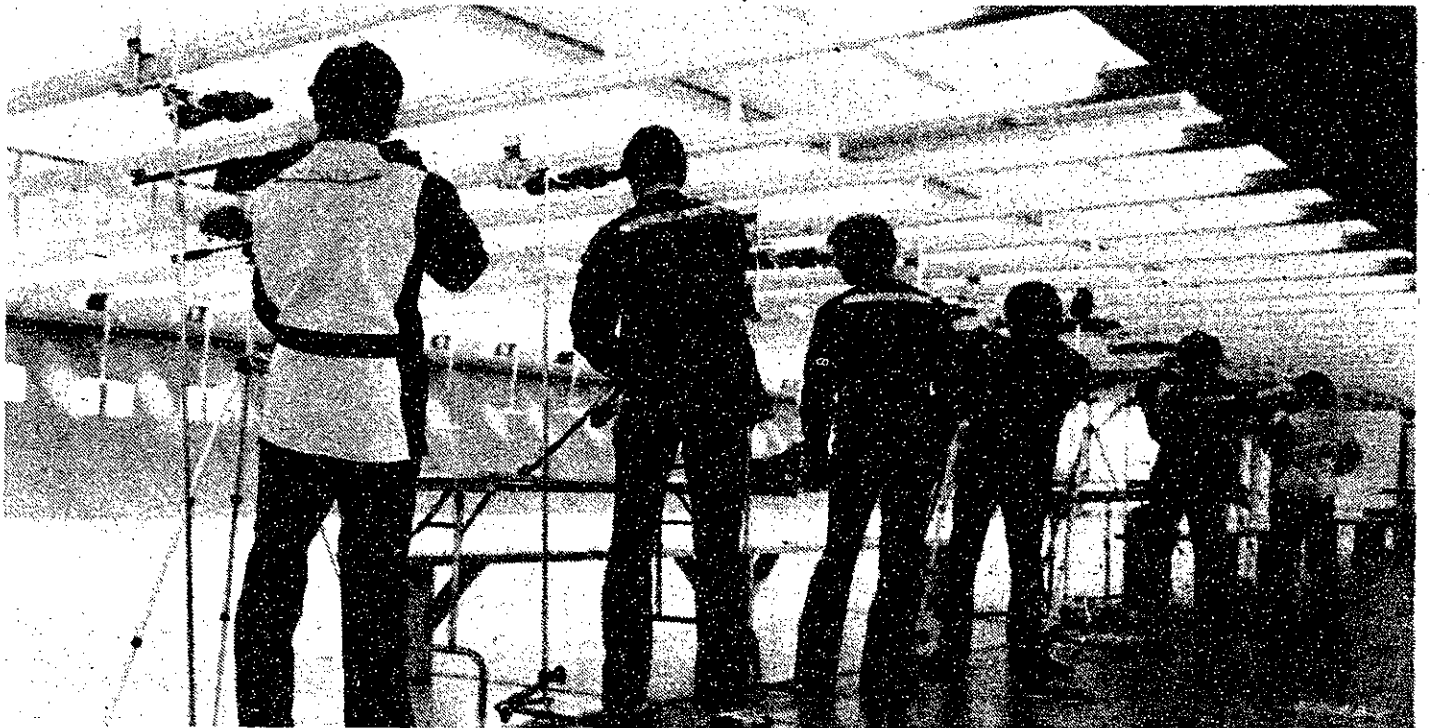
Dartmouth ended its year at 24-6, finishing in second with 2167. Norwich (15-15) was third

with 2135. Coast Guard (14-16) checked into fourth with 2119. Maine (6-24) took fifth at 2100. And Wentworth (0-30), well off the pace, brought up the rear with a miserable 1894.

Saturday's sectionals saw the team of Eskey, Buliavac, Sullivan, and Cooley again combine their efforts, setting a new range record of 4450 points out of a possible 4800. Eskey again led the way, firing off an 1155 — another range record. Buliavac followed with a 1110, and Sullivan was right

behind him at 1104. Cooley rounded out the score with a 1081.

Despite an undefeated finish, the marksmen are now awaiting word on whether or not they will be among the eight teams invited



MIT Riflemen Cliff Eskey '85, Greg Buliavac '83, and Robert Cooley '85 fire away.

to the nationals at Xavier in Cincinnati March 18 and 19. Invitations to the tournament are issued according to rankings based on qualifying totals sent in from one of the season's matches.

MIT's sectional score was also designated as its qualifying score. The squad's 4450 would have placed it 12th in the nation on last year's ranking list.

Even if the riflemen do not get

to go to Ohio, their prospects for next year look very good. Captain Buliavac will be the only person leaving, and there are quite a few people ready to fill the void.

sports update

Fencing — Russell Holtz '84 and Mitchel Messer '85 represented MIT at the New England Intercollegiate Fencing Association Championships at Trinity College Saturday. Both put in fine performances — Holtz taking first and Messer fourth in the foil competition. The two fencers also combined to finish seventh overall in the eleven-team field. The meet was a warm-up for the Intercollegiate Fencing Association (IFA) Championships at Cornell this weekend.

The women's fencing team, meanwhile, finished its regular season with an easy 13-3 victory over Wellesley College Saturday, ending at a sparkling 13-6, despite some strong competition. The squad will be in action again this weekend in the Northeast Regional Championships.

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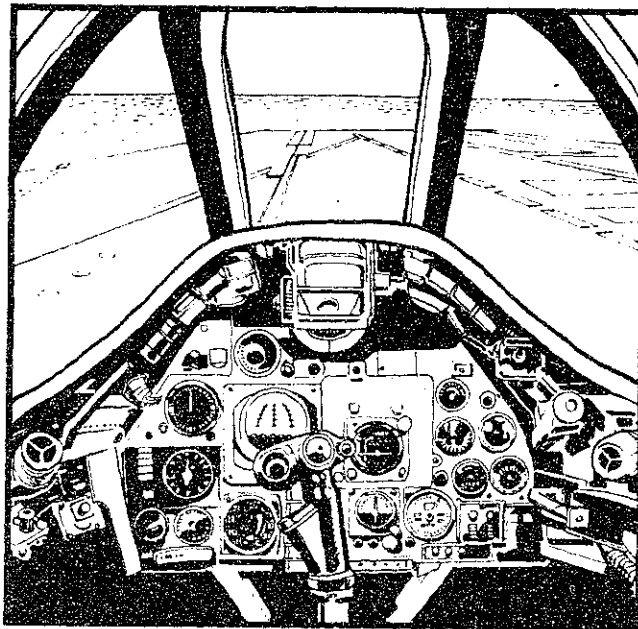
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Please send me more information about becoming a member of the Naval Aviation Team. (O/A)

Name _____
First (Please Print) Last

Address _____ Apt. # _____

City _____ State _____ Zip _____

Age _____ +College/University _____

±Year in College _____ ±GPA _____

▲Major/Minor _____

Phone Number _____ (Area Code) Best Time to Call _____

This is for general recruitment information. You do not have to furnish any of the information requested. Of course, the more we know, the more we can help to determine the kinds of Navy positions for which you qualify. MG 9/82

Navy Officers Get Responsibility Fast.