

Major changes in store for Interphase

By David P. Hamilton

Motivated by concern about low grade point averages and graduation rates among minority students, Dean for Student Affairs Shirley M. McBay has announced major changes in Project Interphase, an eight-week summer program for disadvantaged students.

The experimental changes will place between 50 and 60 Interphase students — as many as ten of whom may be disadvantaged non-minority students — into six-person seminar groups which will study mathematics, physics,

and writing together. The more intimate setting is designed to encourage individual participation and skills in oral presentation, according to Professor Arthur P. Mattuck, the faculty coordinator for the academic side of Interphase.

More significantly, Interphase participants will be expected to remain in their study groups throughout the first term of their freshman year while taking a prescribed set of courses: Calculus I (18.01), Physics I (8.01), a non-writing humanities subject, and an undergraduate seminar. The study groups will meet four times a week under the supervision of an advanced undergraduate tutor.

Upon completion of the first term program, Interphase students will receive 54 units of academic credit, including credit for one 12-unit writing course that reflects writing done during both the summer program and the fall term. Students will not be required to participate in the fall term phase of the program, but those who drop out will not receive the 12 units of writing credit.

"We hope and expect there will be no dropouts," stated an explanatory letter sent to minorities in next year's freshman class.

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Ognen J. Nastov/The Tech
Dean Shirley M. McBay

Center renovations continue

By Reuven M. Lerner

Renovations of the MIT Student Center will continue on the fifth floor through the fall, according to Campus Activities Complex Director Philip J. Walsh. He added that the upcoming expansion of the Student Center Athena cluster is the "primary reason" for the changes.

Walsh explained that there are "two phases to the project." Phase I, the physical renovation of the fifth floor, will be complete by the end of May, he said. During Phase II, he continued, the offices and activities on the fifth floor will move into their permanent homes. Walsh noted that Phase II is still "in the planning stages."

Sandra Nett, manager of retail and administration for the CAC, said that under the current Phase II plan, the fifth floor will contain an Athena cluster, the Medical Center's Health Information office, the CAC offices, the Meal Plan office, the Office of the Dean for Student Affairs' Residence and Campus Activities office, the Student Information Processing Board office, and a study room. Although "hopeful" that the renovations will be complete by September, Nett felt that "early fall" would be a "more accurate" guess.

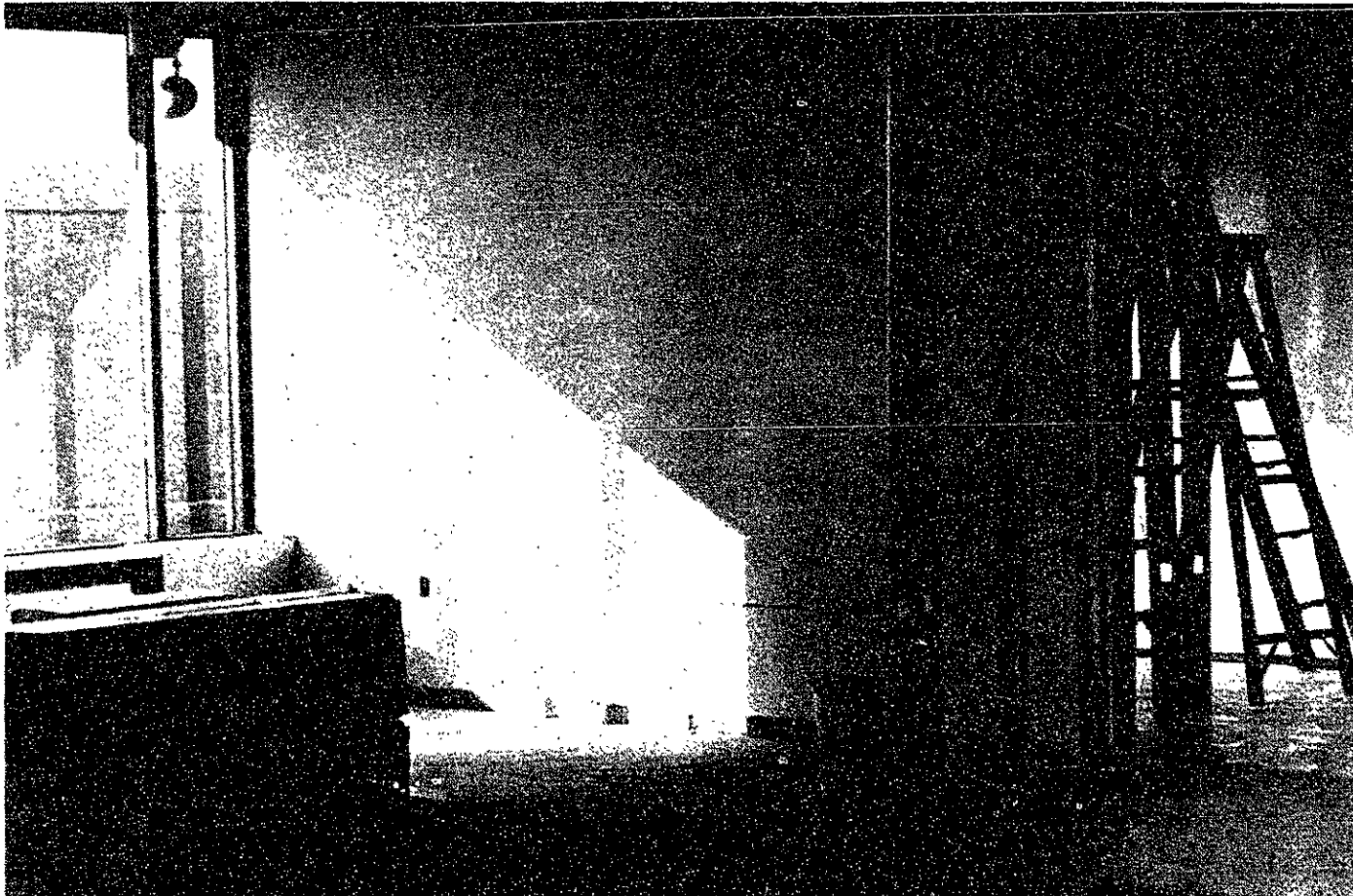
Walsh said that the Athena cluster will expand into part of the area previously occupied by the CAC because of approxi-

mately fifty new workstations. Jeffrey I. Schiller '79, Project Athena's manager of operations, said that "ten or twenty" new workstations will be installed as soon as new tables arrive.

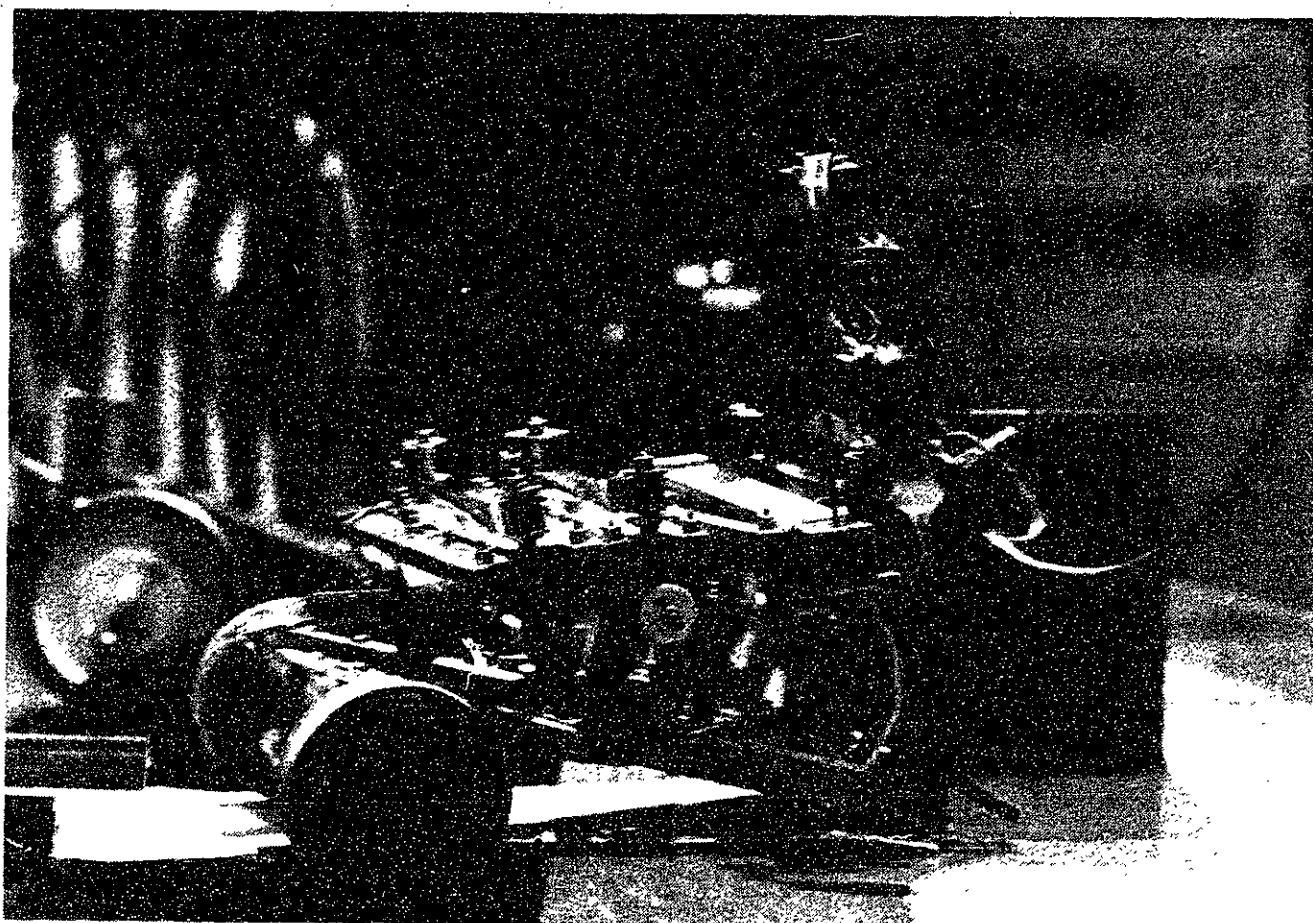
According to Walsh, the other workstations should be in place by September.

Now that most of the renovations are complete, the CAC will sponsor programs to bring the MIT community closer together, Nett said. One example is this Friday's "Spring Fling" program, in which student activities, outside vendors, and Student Center tenants will "say goodbye to students." Walsh expressed hopes that the CAC will become an

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Ken Church/The Tech
Recent renovations of the fifth floor of the Student Center have left walls non-existent and doors in new and unusual places.



Ken Church/The Tech
This 2.70 machine wants to make sure the can is "Not In My BackYard". See photo essay, pages 10 & 11.

GSC polls grads on housing

By Irene C. Kuo

Seventy percent of graduate students polled in a recent survey would want on-campus housing if it were offered, according to Robert D. Kiss G, a member of the Graduate Student Council Housing and Community Affairs Committee.

The purpose of the survey was to hear from the graduate student body as a whole on this issue, Kiss said. In the past, small but vocal groups have tried to present their views, he explained. The committee distributed the survey along with registration material in February; 1550 students — roughly 30 percent of the graduate population — responded.

"Approximately 25 percent of graduate students live on-campus, but between the GSC and the Housing Office, we felt that more than that percentage of students wanted such housing," Kiss said. "We just had to look at the number of applications and the size of the wait-lists."

He could not recall when graduate students were last surveyed on housing, though he said that

many of the questions in the February survey had never been asked.

Eighty-three percent of the respondents thought that new graduate students should receive priority to live on-campus. Kiss said that very few of them now do so because of the tenure policy, which allows students to stay on-campus as long as they want once they are assigned there. As a result of the low turnover rate, first-year students, "who would benefit the most, are for the most part denied access to on-campus housing," Kiss wrote in *The Graduate Student News*.

As an example Kiss noted that only twenty-six percent of new graduate students who wanted to live at Tang Hall in fall term 1988 were granted spaces there.

(Please turn to page 2)

PFC results said to deal blow to fusion claims

By David P. Hamilton

MIT researchers at the Plasma Fusion Center have dealt a heavy blow to claims of "cold fusion" promulgated by University of Utah researchers Stanley Pons and Martin Fleischmann, according to PFC Research Scientist Richard D. Petrasso.

Fleischmann and Pons claimed in late March to have produced nuclear fusion with a laboratory bench apparatus consisting of palladium rods immersed in a bath of deuterium, or heavy water. The scientists said their device emitted neutrons and gamma rays, which are certain signatures of nuclear, as opposed to chemical, reactions.

Recent work at the PFC, however, raises serious questions about the data Fleischmann and Pons have used to support their claims.

According to the theory offered by Fleischmann and Pons, the fusion reaction should produce a neutron and a helium-3 atom for each fusion of two deuterium atoms. The neutron in turn collides with a hydrogen ion from a water molecule to create another deuterium atom and a high-energy gamma ray, according to the theory.

Petrasso's research team placed

a neutron-generating source in a water tank in order to observe the spectrum of gamma rays emitted from collisions between water molecules and neutrons.

Unfortunately for the Pons/Fleischmann theory, Petrasso's research revealed that the gamma

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inside

Spring Weekend in photos. Page 14.

MIT Dramashop's *The Doctor and the Devils* probes the price of modern society. Page 16.

Mozart's *Magic Flute* performed on original instruments. Page 18.

til Tuesday performs Spring Weekend concert in special session. Page 20.

MIT considers changes in Project Interphase

(Continued from page 1)
Minorities concerned about changes

The new program has come under sustained criticism from former Interphase participants who dislike the rigid course requirements during fall term and worry that the emphasis on study groups during the regular term will "fragment" the minority community and encourage the formation of cliques.

Similar complaints were aired during the 20th anniversary celebration of Project Interphase two weeks ago, when McBay was interrupted several times while trying to explain the details of the program. One participant voiced the fears of many when he said, "Interphase is okay as a summer program, but there's a problem if you begin extending it into the regular year."

McBay dismissed such concerns as "silly," pointing out that there have always been differences between minorities who participated in Interphase and those who did not. Office of Minority Education Director Patricia Kaurouma echoed McBay's assessment, saying that "naive" worries about Interphase in the regular term are unwarranted since Interphase has in the past included some follow-up programming during the year.

Students such as former Black Student Union co-chairman Sean Cadogan '90 have also complained that the policy decision was made too quickly and without taking student input into account. "A change this major shouldn't come out of the blue like this," he said.

The revisions to Interphase grew out of discussions McBay held with three faculty members — Mattuck, Professor Kenneth R. Manning, and Professor John G. King '50 — early this year in order to explore ways of improving minority academic performance. In a matter of months, this working group hammered out a series of changes which will go into effect next year.

Although both McBay and Dean for Undergraduate Education Margaret L. A. MacVicar '65 explained that the changes are "well within the bounds" allowed in experimental programs such as Concourse or the Experimental Study Group, students are irritated by the seemingly unilateral nature of the decision. Members of the Black Student Union have already scheduled a meeting with McBay tomorrow to air their discontent.

Despite the student complaints, McBay, Kaurouma, and MacVicar all said they had great hopes for the program.

Grads want housing on-campus, survey says

(Continued from page 1)

"New students should not be thrown into the Boston housing market when they arrive," Kiss said. Foreign students having problems with English face even more difficulties, he added.

The new graduate dormitory being built on Albany Street will have 180 beds, but Kiss felt that incoming students would continue to bear the brunt of the housing shortage if the tenure policy continues.

The survey found that the rent for an off-campus single room averaged \$435 per month; married couples paid an average of \$480 per month. By contrast, rents for single rooms on campus ranged between \$220 and \$315 per month. As low rents may be one reason for the high demand for on-campus housing, the Housing Office is toying with the idea of raising rents to off-campus rates in order to adjust demand, according to Kiss.

"The housing committee feels that the solution would be to increase the total number of beds, but [this is not] a viable alternative in the short-run," Kiss said. "We can't have more beds overnight."

Another idea that the Housing Office is investigating is to limit

the length of time a graduate student can stay in on-campus housing to five years, Kiss noted.

Twenty-seven percent of the survey respondents — 60 percent of the females and 20 percent of the males — said that they did not feel safe walking home. As the survey included students who live on-campus, probably more than twenty-seven percent of students living off-campus have this concern, Kiss said. Fifty-four percent of the students said their work required them to stay at MIT past 11 pm.

Student Center renovations to continue in fall

(Continued from page 1)

"advising contact" for student groups.

The Student Center is becoming more of a "college union," rather than "just a building," Nett said. "Now that the building is finished, we will focus more on programs and community," she added. The CAC wants to create a "relaxed environment," and Nett hopes the Student Center will become a "fun, nice, useful place for everyone."



Men's lacrosse played against the University of Massachusetts-Boston on Thursday. Their last game of the season is today at Nichols College. Mauricio Roman/The Tech

Summer in the Sun.

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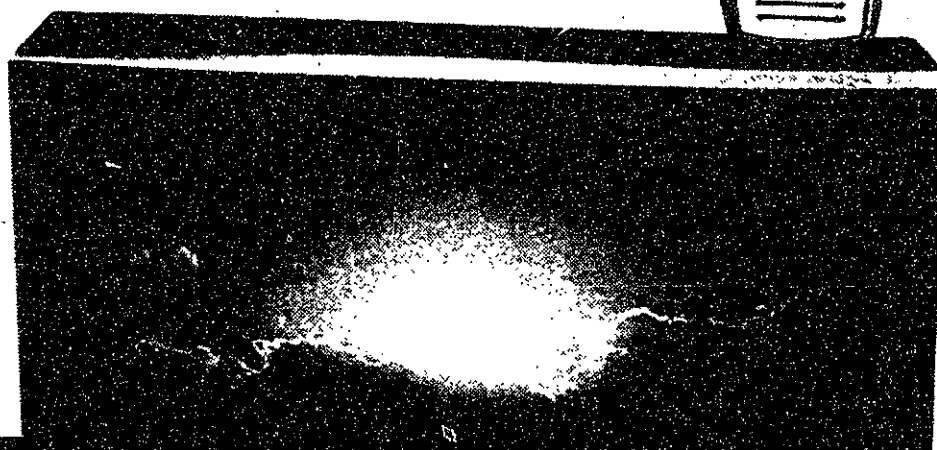
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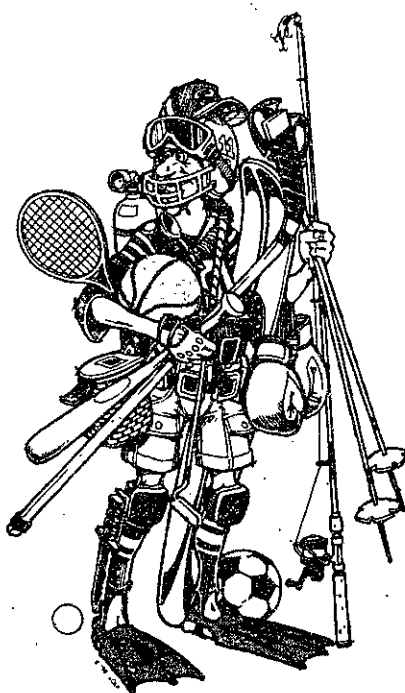
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news roundup

from the associated press wire

Nation

Atlantis lands safely

Mission control welcomed the crew of the *Atlantis* back to earth yesterday with the comment "Commodore Magellan would be proud," after the space shuttle landed at Edwards Air Force Base in California. Mission control's mention of the 16th-century explorer Magellan was an indirect reference to the Venus space probe that the crew put into orbit shortly after launch last Thursday. As *Atlantis* rolled to a stop, *Magellan* was already more than 640,000 miles from Earth. NASA said a preliminary check found minimal damage to the ship's heat-resistant tiles.

Wright house income raises questions

Financial disclosure forms show House Speaker Jim Wright collected upward of \$25,000 in extra income by renting out his Fort Worth, TX, home while he and his wife lived in free housing given them by a business partner. The housing that George Mallick provided the Wright's forms the basis for some of the 69 House rules violations alleged against the Texas Democrat.

Eastern will spend \$24M to keep its planes

Bankrupt Eastern Airlines is asking US Bankruptcy Judge Burton Lifland to approve a \$24.5 million payment on the carrier's leases and loans for 104 airplanes. The request signals Eastern's intent to keep the aircraft for sale or lease to other carriers. Under US bankruptcy code, it has 60 days from the date of its filing for reorganization to declare whether it would honor or reject contracts for the purchase or leasing of aircraft. Without such a declaration, the lenders and lessors could reclaim the planes.

School bus seat belts not cost-effective

A panel of safety and transportation experts has told Congress the costs of school bus seat belts outweigh the benefits. It said safety efforts should concentrate instead on making bus loading zones safer. The panel reports nearly forty children are killed each year while getting on or off school buses compared to ten children a year killed while riding buses. The report says it would cost \$40 million dollars to install bus seatbelts, and might save one life a year.

Mayor pessimistic about Exxon spill

A congressional panel investigating the recent *Exxon Valdez* oil spill is winding up two days of investigations in Valdez, AK. In his appearance yesterday, the mayor of Valdez said he doubts Exxon can complete the cleanup before winter.

Top Exxon executives told the panel that federal authorities turned them down when they urged quick use of chemicals to break up the massive oil spill. That conflicts with earlier statements by the Coast Guard and state officials who said the oil company never asked permission for widespread use of dispersants.

Troops seize Panama vote counts

Thousands of opposition supporters marched in Panama's capital yesterday — to protest the reported seizure of presidential election vote tallies by Gen. Manuel Noriega's troops. Armed men in civilian clothes attacked the protesters and fired guns into the air to break up the demonstration. At least three people have been reported wounded.

Although polls closed Sunday afternoon, the official tabulation board said late yesterday that it had not received a single vote to count. The Bush Administration has reacted cautiously — withholding comment until the results are announced.

Hijacking verdict expected next week

A West German judge said a verdict in the case of TWA hijacker Mohammed Ali Hamadi will be delivered May 17 and that pressure from kidnappers in Lebanon will not affect the case. Reports have linked last week's abduction of a young West German in South Lebanon to the Hamadi case. Hamadi has admitted taking part in the 1985 hijacking but has denied killing a US Navy diver who was a passenger on the airliner.

Nicaragua hopes for better relations

Nicaragua's foreign minister said he is hoping for better relations with the United States, now that President Bush is in office. Miguel D'Escoto said former President Reagan had a "gut commitment" to destroy the Sandinista government. But he said Bush is more pragmatic. D'Escoto is in London for talks with British officials.

Israel seals off West Bank

Israeli troops have sealed off the West Bank and Gaza Strip in an effort to reduce violence during two Israeli holidays. Some 700,000 Palestinians are under an indefinite curfew in the Gaza Strip, and one million West Bank residents are forbidden to enter Israel until Wednesday night — after Memorial Day and Independence Day celebrations conclude.

PLO leader criticizes Iranian call for terrorism

The US State Department said it welcomes a statement by PLO leader Yasser Arafat criticizing an Iranian call for attacks on Westerners. A PLO spokesman said Arafat's statement is consistent with his renunciation of terrorism.

H-bomb fell close to Japan

More than 23 years after a hydrogen bomb fell off a US aircraft carrier into the Pacific, new controversy is swirling. A research analyst said the bomb ended up much closer to Japan than the military first admitted — about 80 miles from the Okinawa Island chain. In 1981, the Navy acknowledged the accident and said the bomb ended up 500 miles from land. The bomb was aboard a jet that rolled the aircraft carrier in 1965.

Sports

Cummings still on injured list

The Milwaukee Bucks say Terry Cummings will probably not play in Wednesday's opener of their best-of-seven second-round series against Detroit. Cummings, who has a doctor's appointment, sat out Sunday's game-five victory over Atlanta because of a sprained right ankle.

Canseco to have surgery

It looks like a mid-July return for Oakland's Jose Canseco, who will probably have surgery to repair his sore left wrist reaggravated during a minor league game yesterday. The injury, originally suffered in spring training, has sidelined Canseco all season.

Buffalo hockey team wants Soviet defector

A spokesman for the Buffalo Sabres reports "some progress" on the NHL club's bid to settle Alexander Mogilny's status with American immigration authorities. Mogilny defected last week after his Soviet Union team won the world hockey championships in Stockholm.

NY linebacker to retire

New York Jets linebacker Bob Crable will announce his retirement tomorrow. Crable spent seven years with New York and sat out last season following reconstructive knee surgery.

Weather

Rain ahead

The weather in the Boston area will worsen over the next day or so as a trough of low pressure deepens to our west. As the disturbance deepens, its associated flow pattern will bring moisture from the Gulf of Mexico into the Northeast. Thus we can expect rain to develop by tomorrow and continue until Thursday. By Friday, we should see improving weather here in Boston.

Today: Morning sunshine will give way to increasing cloudiness during the afternoon. High temperatures will be 55-60°F (13-16°C) with winds becoming southerly at 10-15 mph (16-24 kph).

Tonight: Clouds with thicken overnight and there is a chance of showers by morning. Low temperatures will be near 45°F (7°C).

Wednesday: Mostly cloudy with rain likely. Highs near 55°F (13°C).

Thursday: Continued cloudy with a chance of showers. Highs 55-60°F (13-16°C).

Forecast by Robert Black

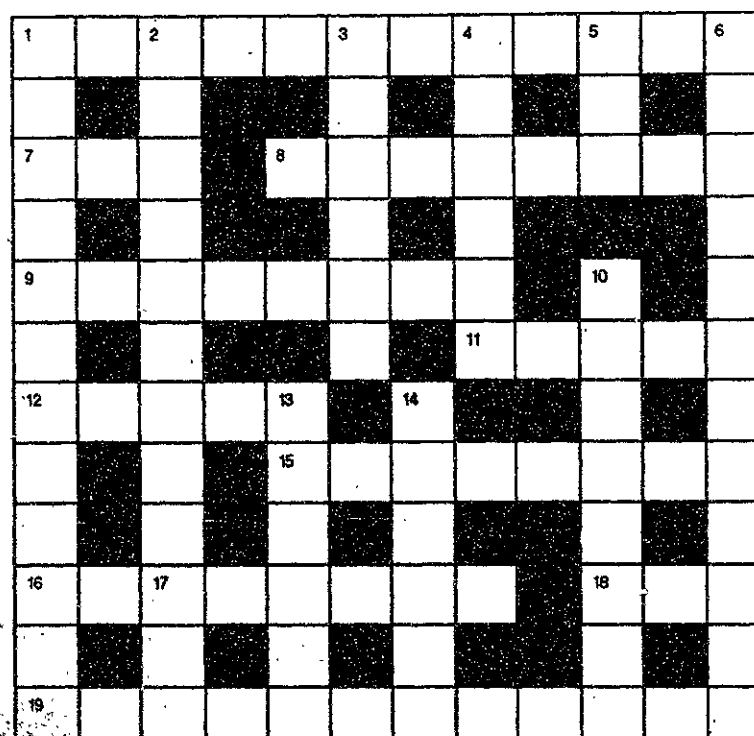
Compiled by Seth Gordon and Andrew L. Fish

Cryptic Crossword #6

By David M. J. Saslav

ACROSS

1. Seed that detects lies? (5, 2, 5)
7. Small apartment is likely (3)
8. It's back by a car at a number of bad spots (8)
9. Stimulate without time to recreate (8)
11. Retired welterweight has lived (5)
12. Sword can hardly exist in the French (5)
15. Bird born from a cashew, for instance? (8)
16. Tribe IQ and my back debt in tax agency (8)
18. Zero-state eggs? (3)
19. Huge limb with alien provides admission to Candlestick Park! (6, 7)



Solutions page 6

DOWN

1. Bottle making lasso gown big, but not correct (5-7)
2. I'm found in Caesar's pal's element (8)
3. Nothing, Rob! It's bony (6)
4. Specially marked instructor spins egg before 500 (6)
5. See America, Susan, within directions (3)
6. Intimate conversation between "deer" friends? (5, 2, 5)
10. Butcher's tool sounds like introduction to phony pirate (8)
13. Lend us the container of furniture polish (6)
14. Harsh street leads to two NE states (6)
17. Gem disappears from mirage for a better investment (3)

opinion

LETTERS TO THE EDITOR

Scientists should not quickly dismiss "cold fusion"

As a member of the MIT community, I have become increasingly embarrassed and, on more than one occasion, irritated by how "cold fusion" has been handled by some of our scientists. It is all right that we were not the first ones to report the discovery; it is also all right that we are still unable to duplicate the test, although our experiments are "at least as sophisticated as those at Utah."

But it is not all right to dismiss the Utah researchers' claims because of envy. And to attempt to block a congressional research grant for the project ["MIT prof voices doubts about cold fusion claims," April 28] is, simply put, mean.

I wish this whole "cold fusion" stuff were faulty, so that we

could all sit back, relax, and enjoy watching our scientists score a few points for our community: they would be brilliant not because they discovered cold fusion first, but because they refuted it first. But this is not the issue here. Science is a lengthy process to discover the truth, which is not always obvious. Therefore, to remain open-minded and to believe the unbelievable — at least to give it the benefit of the doubt — are not necessarily bad pieces of advice to repeat to some of our absent-minded professors. I find it hard to believe that scientists all over the world are wrong about cold fusion, ranging from the ones working in little basement laboratories in the Third World to the ones at Stanford, whose qualifications are at

least as good, if not better, than those of the leading carpers here. If information on the validity of the cold fusion experiment is lacking at this time, then shut up! Please remember that the poor guy working in the Utah lab is not required to pay tribute to the MIT empire with his findings.

The pride of our community should not depend on whether we are the first to discover or refute cold fusion. Working constructively with a proper sense of modesty, however, does help when the total scores are counted. If a "small-town" mentality becomes dominant in our scientific community, is the fall of the MIT empire still far away?

Jun Zhang G

Camel cigarette ads encourage sexual harassment

I have just cancelled my subscription to *Omni* magazine and I feel it is necessary to inform the MIT community of what I think is a giant step backwards in the fight for women's rights. While reading the May 1989 issue of *Omni*, I came across a pamphlet-type advertisement for Camel cigarettes in the center of the magazine. I did not know that the ad was for Camel until I turned the page. The front of the ad showed a picture of a seductive-looking blond with the caption "Bored, lonely, restless? What you need is..." Upon turning the page, I was faced with Camel's "fool-proof" advice on "How to impress someone at the beach" entitled "Smooth Move #334." First on the list was, "Run into the water, grab someone and drag her back to the shore, as if you've saved her from drowning. The more she kicks and screams, the better."

The more she kicks and screams, the better?! I am outraged. I think there are many other women out there who

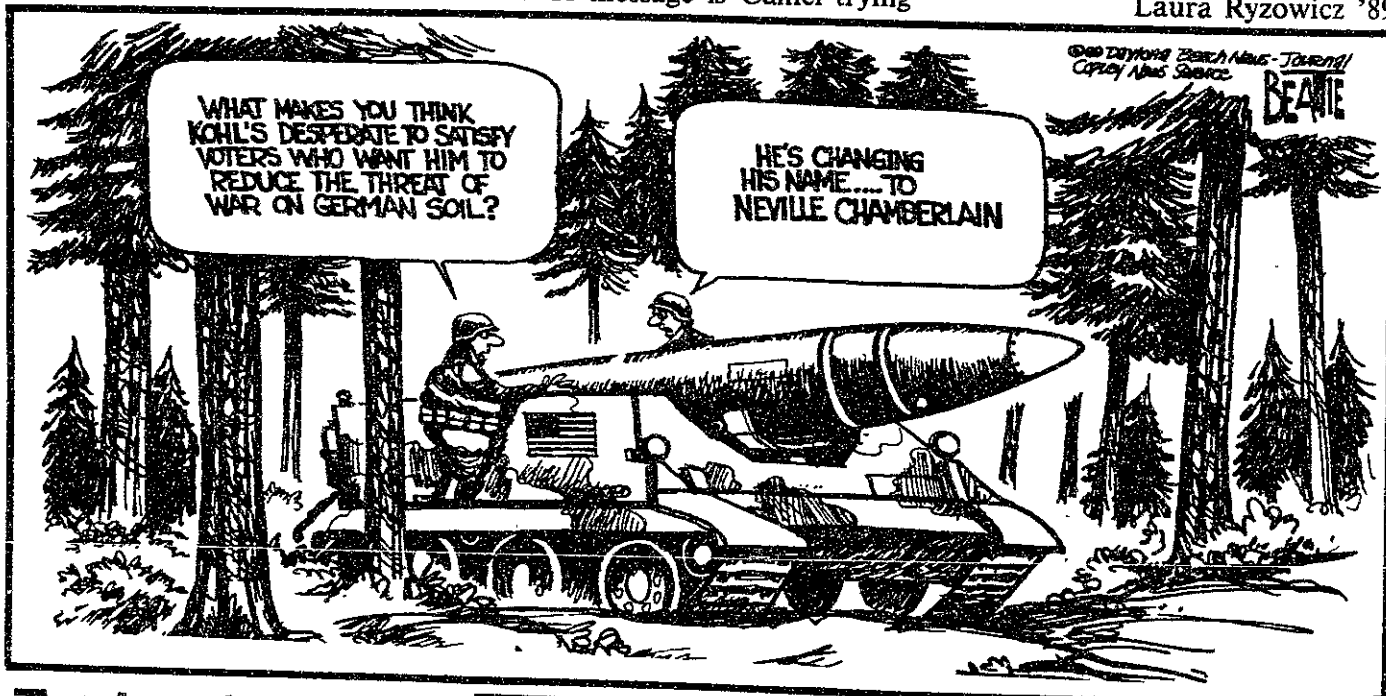
would be horrified at the prospect of being dragged out of the water by a total stranger and taken to God knows where to face an unknown fate. As if the words were not enough, the "advice" is accompanied by a picture of a woman in a bathing suit slung over a man's shoulder. The woman has an obvious look of horror on her face and is clenching one of her fists while the man sports a large grin. In the background, two other women have looks of disgust and disbelief on their faces.

The behavior encouraged by Camel cigarettes is obviously sexual harassment and, more importantly, could lead to more serious crimes like assault and rape. It is a sorry day when a reputable science magazine such as *Omni* would accept such trash. Then again, maybe we should have expected it from Bob Guccione who also promotes the pornographic publication *Penthouse*. However disturbing the existence of pornography is, the issue here in this ad is harassment. What kind of message is Camel trying

to send out to male smokers and potential smokers — that it is OK to treat women like a piece of meat? Isn't it time we stopped this madness? It is bad enough that a woman cannot even go jogging without fear of attack. Why should it now be unsafe to go to the beach in broad daylight? Furthermore, judging from the actions of the men at the New Bedford, RI bar where a woman was gang raped, who is going to lift a finger to help someone who is being attacked on the beach? People will just assume the guy is "having a little fun." Well, sexual harassment is *not* fun, nor should it be tolerated at any time.

Unfortunately Camel cigarettes plans to fill us in on more smooth moves in the near future. I certainly hope others will not aid *Omni* and Camel cigarettes in their plan to insult and degrade women. Please help stop this abuse of women and write to the R. J. Reynolds Tobacco Company or any publication that displays this offensive ad.

Laura Ryzowicz '89



Tetris addiction sweeps campus

We are writing to warn the MIT community of a deadly new addiction being seen on campus. This is none other than compulsive "Tetris" playing. This computer game may seem innocent at first, but it quickly develops into a mind-numbing habit. Players neglect their social lives, their school work, and their families in a never-ending quest to improve their "Tetris" skills. This insidious electronic villain has invaded personal computers, workstations, and even the Student Center Committee Gameroom. Only by quitting cold turkey can a "Tetris" player resume his/her normal lifestyle. Just say NO to "Tetris".

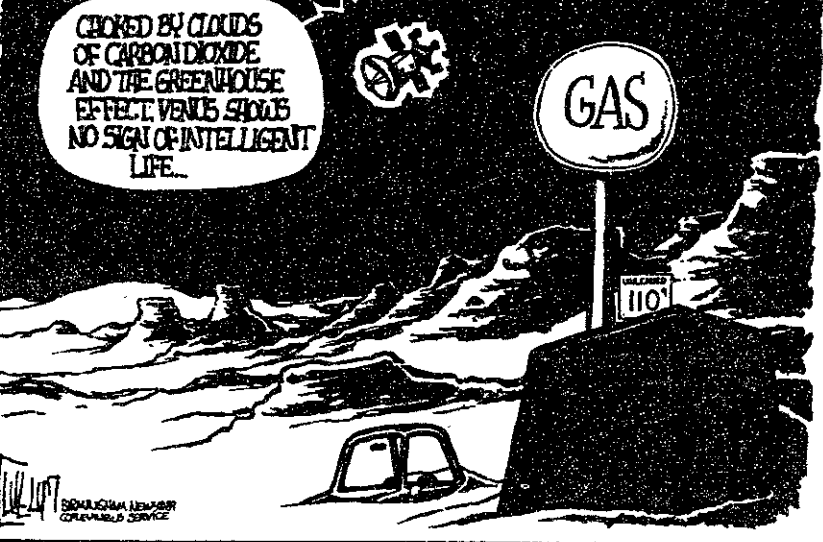
Tim Townsend '90
George Hu '89

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TheTech

Volume 109, Number 24

Tuesday, May 9, 1989

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The Tech (ISSN 0148-9607) is published Tuesdays and Fridays during the academic year (except during MIT vacations), Wednesdays during January, and monthly during the summer for \$17.00 per year. Third Class by *The Tech*, 84 Massachusetts Ave. Room W20-483, Cambridge, MA 02139-0901. Third Class postage paid at Boston, MA. Non-Profit Org. Permit No. 59720. POSTMASTER: Please send all address changes to our mailing address: *The Tech*, PO Box 29, MIT Branch, Cambridge, MA 02139-0901. Telephone: (617) 253-1541. FAX: (617) 253-8226. Advertising, subscription, and typesetting rates available. Entire contents © 1989 *The Tech*. *The Tech* is a member of the Associated Press. Printed by Charles River Publishing, Inc.

opinion

LETTERS TO THE EDITOR

UA played an instrumental role in vote to keep P/NR

During our campaign for Undergraduate Association president and vice president, we stressed the need for the UA to become proactive, to initiate action and follow through rather than react to administration actions. We met many students who were very blunt in their assessment of the UA: What is it? What has it ever done? Why should I care? Looking back at the manner in which the UA confronted the threatened elimination of second-term freshman pass/no record grading, we commend this incoming UA administration for successfully answering these questions.

The faculty vote on pass/no record grading did not spring from a vacuum of apathy. It was the culmination of efforts begun over a year ago when the Student Committee on Educational Policy issued its Report on the Freshman Year, pre-empting the Committee on the First-Year Program's report. Then, this winter, the UA began a series of forums to gain student input and formulate a response to the CFYP report. The UA coordinated the efforts of many students, not just the "usual suspects," to canvass students and lobby faculty, research data, send faculty well-thought arguments, and prepare solid

presentations for the faculty meetings.

Two months ago, it seemed second-term pass/no record was dead. A large portion of the faculty opposed the CFYP proposal because they felt it did not go far enough in restricting pass/no record. Amendments were introduced to cut it back further. Again and again, student representatives argued the merits of pass/no record. They gathered evidence to expose the flaws in the CFYP proposal. They polled students. They formulated a strategy to defeat the CFYP proposal and worked with a growing group of concerned faculty members to promote an alternative proposal that addressed the problems of the freshman year and maintained the pass/no record grading system.

Last Wednesday, with over 100 students present in support of pass/no record, the Undergraduate Association threw its support behind the Groisser-Keyser-Meldman-Merritt-Vandiver amendment and took a definitive stand defending the educational merit and integrity of pass/no record. The UA acted instead of reacting. And we won.

Students' voices were heard. Instead of disrupting and complaining, students protested si-

lently, earning the respect of the faculty. President Paul E. Gray '54 commended us for demonstrating proper respect and dissenting in an appropriate manner. Student representatives disputed the logic and methodology of the CFYP proposal, introduced solid arguments in the defense of the pass/no record grading system, exposed the true problems of the freshman year, and thus formed a platform maintaining that the pass/no record grading system with modifications as necessary.

The UA works. It is the only really effective voice students have to achieve results. Any group of radicals can stage a sit-in or occupy a building. Sometimes injustice cries out for such measures, but the effectiveness of an organization rests on its accomplishments. We believe that the results speak for themselves, and we applaud this UA administration on this victory. Furthermore, we challenge students who feel the UA is worthless, or a waste of time, or a greasy clique to stop complaining and get involved. There is much yet to be fought and won. Let us determine the field of battle.

Dave Atkins '90
Luisa Contreiras '90



Tech reporting speaks poorly of the men's crew team's performance

The Tech's recent article ["Men's crew has bad outing," May 5] spoke poorly of the men's crews, the heavyweights in particular. There were several points made that deserve a response.

To begin with, it indeed has been a frustrating season for the first varsity boat, now 0-7. But the article neglects to mention that the junior varsity beat both Columbia and Coast Guard, and the third varsity beat Columbia and tied Harvard lightweight.

The article continues to describe the team as light and young. The weight average cited

Center for Public Service did not sponsor forum

We would like to thank The Tech for its article on public service and financial aid ["Bills link service and financial aid," May 2]. The MIT Center for Public Service was pleased that this dinner forum on public service attracted such a large and committed group of MIT faculty, staff, and student leaders.

We would like to clarify one point in the article. The MIT Center for Public Service was the organizer of the forum, not the sponsor. The event was made possible by the generous support of the Student Financial Aid Office, the Department of Urban Studies and Planning, the Admissions Office, and the Office of the Dean for Student Affairs. We thank them for their support.

Irene Stricki '89
Matt Turner '89

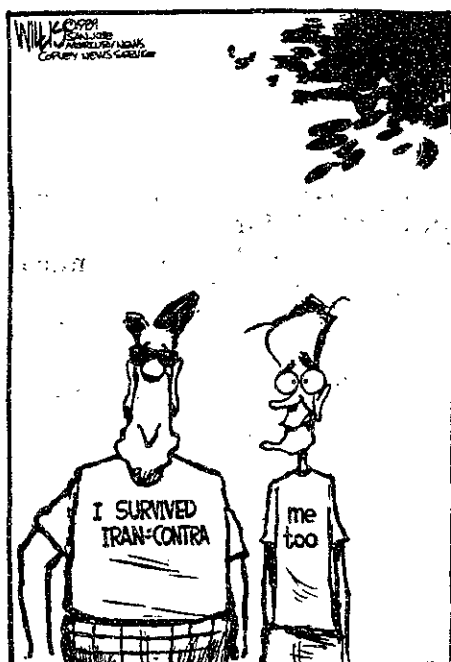
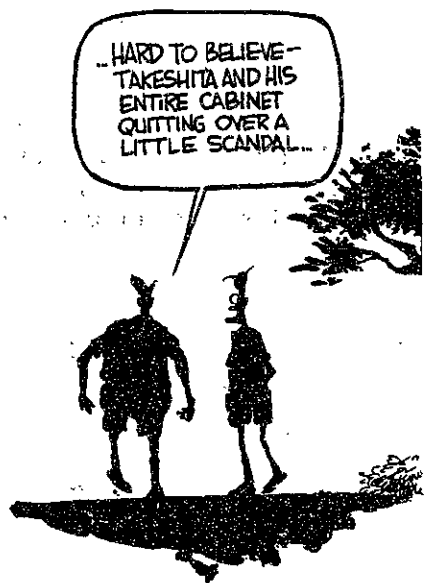
MIT Center for Public Service

in the article is deceptive because it is the aggregate of the first, second, and third varsity boats. The third varsity is lighter than the JV, which itself is lighter than the varsity. Furthermore, we do not have a particularly young crew. There are eight seniors, ten juniors, and nine sophomores on the team, including the coxswains. The three sophomores in the first varsity by no means slow the boat down. Instead it speaks very highly of their strength, endurance, and technique.

Syracuse is a fast crew and somewhat faster than MIT. But MIT did not go out expecting to beat them. The team fought for margins. Our first varsity and first freshman crews were closer than they have been in recent years. Although MIT did not win, the team was pleased to gauge such improvement against Syracuse.

MIT competes as a Division I school and consequently has the opportunity to race the fastest collegiate crews in the nation. The crew makes no excuses for the program. The team was disappointed that the article in last Friday's Tech implied that we do. MIT crew has a first-rate program with as much training, dedication, and water time as any school in the country. By any measure, such as 2500 meter ergometer score, one-hour ergometer score, technique, sheer strength, and endurance, this year's first varsity crew is faster than any in recent years.

Jay Damask '90
Heavyweight crew



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Fall 1989

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For more information call any of the course faculty or x3-1631.

Faculty: Caroline Whitbeck, David Anick, Stephanie Bird, Igor Paul, and Leon Trilling, with John Ehrenfeld and Chuck Caldart.

PFC finds no fusion evidence

(Continued from page 1)
ray spectrum could not have resulted from the reaction they described. "It does not work," Petrasso said. "The claim that they saw gamma rays from fusion is specious."

Furthermore, Petrasso said that Pons and Fleischmann had overestimated the number of emitted neutrons by a factor of 40. Calculations based on Petrasso's "absolutely calibrated" neutron source revealed a rate of gamma ray emission 40 times higher than a rate that can be calculated from the Fleischmann/Pons results, Petrasso said.

The PFC research gave no indication as to the reason for the Fleischmann/Pons error except to suggest that an instrumental artifact might bear the blame. The experimental results have been submitted to the refereed British journal *Nature* for publication.

Petrasso's refutation of the Fleischmann/Pons neutron-gamma ray interaction does not completely rule out the possibility that cold fusion might be occurring. The Utah experimenters also reported observing an energy increase of four times over that supplied to the experimental apparatus, a result obtained by complicated heat measurements. The PFC results offer no insight regarding the possibility or impossibility of these calorimetry claims.

Similarly, these experiments do not significantly affect the viability of the theoretical model of cold fusion offered by MIT Associate Professor Peter L. Hagelstein '76, who has proposed that a very rare reaction dominates the fusion process. In Hagelstein's theory, two deuterium atoms fuse to create a helium-4 atom and excess energy, which is absorbed by the palladium lattice structure as heat instead of radiating away as a gamma ray. Hagelstein said he'd been advised not to speak to the press, but did say he has not withdrawn any of the four papers outlining his theory he has submitted to *Physical Review Letters*.

Petrasso said Hagelstein's theory could still prove to be true, although he said he remains skeptical. For one thing, the rare reaction Hagelstein describes happens in free space only about one ten-millionth as often as the more common reaction Pons and Fleischmann used. For another, the absorption of excess energy by the palladium lattice is unsupported by much physical evidence.

"It's two incredibilities," Petrasso said. "Most people think that's unlikely." He added that the Fleischmann/Pons calorimetry could still prove to be correct, although it is now being "heavily questioned."

Another research team at the PFC, led by research scientist Stanley C. Luckhardt, has been attempting to duplicate the actual Fleischman/Pons experiment, so far without success.

Solutions to Cryptic Crossword #6

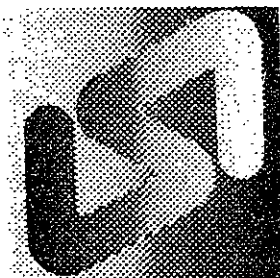
ACROSS

- | | |
|-------------------|---|
| 1. GRAIN OF TRUTH | Double meaning |
| 7. APT | Abbreviation |
| 8. STIGMATA | Reversal/Construction:
STI + GM + AT + A |
| 9. SIMULATE | Subtraction: STIMULATE - T |
| 11. DWELT | Containment: "Retired
welterweight. . ." |
| 12. LANCE | Anagram/Insertion: L(ANC)E |
| 15. NUTHATCH | Pun |
| 16. IRIQUOIS | Reversal/Double Insertion:
IR(IQ + UO)IS |
| 18. OVA | Construction: O + VA |
| 19. GIANTS TICKET | Construction:
GIANT + STICK + ET |

DOWN

- | | |
|-------------------|--|
| 1. GLASS-BLOWING | Anagram:
(LASSO + GOWN + BIG) |
| 2. ANTIMONY | Insertion: ANT(IM)ONY |
| 3. OSTEAL | Construction: O + STEAL |
| 4. TAGGED | Construction/Reversal:
TA + (GGE) + D |
| 5. USA | Double Subtraction: SUSAN - S - N |
| 6. HEART TO HEART | Pun |
| 10. MEATHOOK | Pun |
| 13. ENDUST | Containment: "Lend us the. . ." |
| 14. STRICT | Construction: ST + RI + CT |
| 17. IRA | Subtraction: MIRAGE - GEM |

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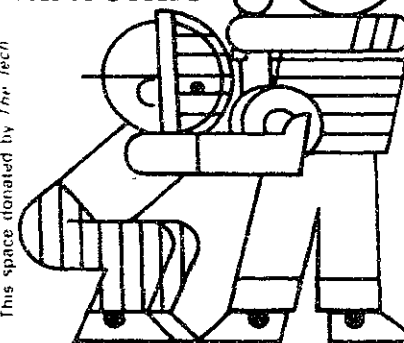
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notices

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The Office of Consumer Affairs and Business Regulation has prepared a pamphlet called "College Consumer" that summarizes students' consumer rights. For a free copy, write the Office of Consumer Affairs and Business, One Ashburton Place, Boston, MA 02108 or call 727-7755.

For students searching for ways to stretch the shrinking dollar abroad, the Council on International Educational Exchange announces the 1988 Student Travel Catalog. The Catalog is one of the most comprehensive, FREE budget travel guides available. It may be obtained from CIEE, Dept. STC '88, 205 East 42nd Street, New York, NY 10017, (212) 661-1414 or 312 Sutter Street, San Francisco, CA 94108, (415) 421-3473. Enclose \$1 for postage and handling.

There is a Food Addiction Hotline being provided by the Florida Institute of Technology and the Heritage Health Corporation. This hotline is to provide information about food addiction, gather data about the nature and extent of food addiction, and raise the awareness in the population that food addiction exists. The hotline number is 1-800-USA-0088.

CALL, a toll-free information service, provides free information about colleges, graduate schools, financial aid sources, and career opportunities. CALL operates Monday through Thursday, 9 am to 9 pm; Friday and Saturday 9 am to 5 pm; and Sunday 2 pm to 6 pm at 1-800-442-1171. Counselors are also available on a walk-in basis at the Higher Education Information Center located at the Boston Public Library, 666 Boylston Street, next to the Copley Plaza.

Study Help

The professional tutor staff of the MIT Writing and Communication Center (14N-317) will be glad to consult with you on any writing or oral presentation project (papers, theses, letters, etc.) from 10-6 Monday through Friday. You may either phone for an appointment (x3-3090) or just drop in. In addition, workshops for those for whom English is a second language are held in the Center on Wednesdays from 6:15-7:15. All services are free.

Counseling

The Samaritans — someone to talk to and befriend you, are on call 24 hours a day, 7 days a week. The center, at 500 Commonwealth Avenue, Kenmore Square, is open from 8 am to 8 pm every day for people to come in and talk. Service is free and completely confidential. Call 247-0220.

The Beth Israel Hospital hosts a Rape Crisis Group on Tuesdays at 7:30 am for women who are experiencing disruption in their lives immediately following or up to six months after being raped. The long-term crisis group meets Thursdays at 6 pm. For more information, call (617) 735-4738.

Today, more than one million men and women are demonstrating by their personal example that alcoholism is an illness that can be arrested. If you have an alcohol related problem please get in touch with the Alcoholics Anonymous group nearest you — with complete assurance that your anonymity will be protected. Call 426-9444 or write: Alcoholics Anonymous, Box 459, Grand Central Station, NY 10163. You will receive free information in a plain envelope.

Counseling and HTLV-III blood screening services are available for individuals concerned about exposure to the virus associated with AIDS. For more information about this free confidential service sponsored by the Department of Public Health and Counseling Services, call 522-4090, weekdays from 9 am to 5 pm. Outside Boston call collect.

Parenting is a tough job. If you need help surviving the parenting experience, the Family Support Network and Parents Anonymous are co-sponsoring a support group for isolated or overwhelmed parents. Every Tuesday night from 6 pm to 8 pm at Roxbury Children's Service, 22 Elm Hill Ave., Dorchester.

The Family Support Network is also sponsoring a support group for teen parents, every Thursday night from 6 pm to 8 pm at Roxbury Children's Service.

Getting High? or Getting Desperate? If drugs are becoming a problem, call or write: Narcotics Anonymous, 264 Meridian St., East Boston 02128, (617) 569-0021. Local meetings held at the MIT Medical Department, E23-364, on Mondays from 1-2 pm.

The Cambridge Dispute Settlement Center has announced that it is making its service of mediating disputes available to roommates in the Cambridge area. Those interested in using CDSC's service to resolve a roommate dispute or any other dispute should contact the mediation center at 876-5376.

Meeting Times

Every Tuesday at 1 pm in Walker 220, there is a Japanese Lunch Table. Bring a bag lunch, make friends and join this lively group. All levels are welcome!

Men Against Sexual Assault: Monthly discussion group for concerned men on issues of rape and violence against women meets the first Wednesday of every month from 7:30-9 pm in room E31-218. The sessions are supported by the MIT Office of Student Affairs and sponsored by MIT students. Sessions will be devoted to such topics as discussions of rape, sexual violence, sexual harassment, pornography and rape, and other subjects. The discussion group is aimed at university students as well as the larger Boston/Cambridge area community. For further information, call Jeff at x3-2633.

Fellowships, Scholarships, Grants and Awards

The Massachusetts Risk and Insurance Management Society is making an educational scholarship available to business administration majors with a strong interest in risk management. For more information and an application, please contact Laureen Feinman at (617) 890-6352.

The MIT-Japan Science and Technology Program is pleased to host the third "MIT Japan Science and Technology Prize." The application deadline is May 15, 1989. Applications and further information may be obtained from Kathy Schaefer in Room E38-754, 253-2839.

The National Research Council announces the 1989 Resident, Cooperative, and Postdoctoral Research Associateship Program for research in the sciences and engineering. Applications must be postmarked by January 15, 1989 (December 15 for NASA), April 15, and August 15, 1989. Initial awards will be announced in March and April. For more information, write to Associateship Program (GR430A-D1), Office of Scientific and Engineering Personnel, National Research Council, 2101 Constitution Avenue NW, Washington, DC, 20418, (202) 334-2760.

Applications for the 1989 Coors Veterans' Memorial Scholarship Fund are now being accepted. Applications may be obtained by calling 1-800-49COORS, or by writing Coors Veterans' Memorial Scholarship Fund, PO Box 3111, Northbrook, IL, 60065.

A free financial aid handbook is available for prospective and present college students. The Handbook for College Admission and Financial Aid is available by writing or calling the Association of Independent Colleges and Universities, Suite 1224, 11 Beacon Street, Boston, 02108-3093; (617) 742-5147.

Contests, Competitions

The American Poetry Association is sponsoring a poetry contest with \$11,000 in prizes. The Grand Prize is \$1,000 and the First Prize \$500. 152 poets will win awards and national publication. Poets, especially students, may enter the contest by sending up to six poems, each no more than 20 lines, to American Poetry Association, Dept. CT-22, 250 A Potrero Street, PO Box 1803, Santa Cruz, CA 95061-1803. Include your name and address on each page. The deadline is June 30, 1989.

The Grolier Poetry Peace Prize which offers \$500 for one poem that best raises the consciousness and understanding of the danger of nuclear weapons is now accepting submissions. For further information, please send a SASE to the Grolier Book Shop, 6 Plympton Street, Cambridge, MA, 02138 or call Louisa Solano at (617) 547-4908.

Internships

Congressman Joseph P. Kennedy's District Office in Boston is now accepting applications for student internships for the winter term, 1988-1989. To arrange an interview, call Deborah Anderson at 565-8686 or send your name and resume to Deborah Anderson, District Representative, Office of Congressman Joseph P. Kennedy II, 1111 O'Neill Federal Building, 10 Causeway Street, Boston, MA, 02222.

Student Group Notices

The MIT Folk Dance Club sponsors three evenings of international dancing at MIT on Sunday and Wednesday nights in the Sala de Puerto Rico, and on Tuesday nights in room 407 of the Student Center. Beginners are welcome; no partner is needed. Call 253-3655 for more information.

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Fact: Fossil fuel consumption and the industrial activity it supports are primary causes of global warming, acid rain, toxic pollution and other types of environmental deterioration.

Fact: The United States uses far more fossil fuel and generates more pollutants per capita than most nations of the World.

Fact: As the United States' population continues to grow and the demands for fossil fuel use and industrial production increase, our environmental problems worsen, and the possibility of ever solving them becomes more and more remote.

As the Global Warming Prevention Act introduced last year notes: "Even comparatively smaller population increases in industrialized nations add significantly to the pressures for expanded energy use, industrial activity, and other factors which accelerate climate change."

Conclusion: We must stabilize the United States' population if we are to ever effectively solve these problems. We should start at home and provide an example for the rest of the world.

CONVERT YOUR FRUSTRATIONS into ACTION and help DEAL DIRECTLY with the UNDERLYING CAUSE of these SIDE EFFECTS — OVERPOPULATION.

JOIN THE CAMPAIGN TO STABILIZE THE UNITED STATES' POPULATION!

Contrary to popular belief, the U.S. population is **growing rapidly**. It's time to recognize the **facts** so we can **deal effectively now** with our environmental problems.

1. The U.S. has the fastest growing population of any country in the industrialized Western World—approaching 3,000,000 per year!
2. In the next 31 years, by the year 2020, if current trends continue, today's U.S. population of 247 million will increase to nearly 300 million and continue to grow—we will add two and a half times more people than the rest of the industrialized western countries combined.
3. Last year alone, California's population grew by 662,000 people—that's almost equivalent to adding another San Francisco every 12 months. And does Boston need more people when its landfills are already closing and ocean dumping is being considered as a "solution"?

Our unchecked population growth means higher social services and educational costs, more pollution, more traffic jams, more water shortages, reduced farmland, loss of scenic retreats, and other adverse effects on the environment and our quality of life.

Yet, all levels of government—federal, state and local—typically avoid dealing with rapid population growth. They just try to accommodate the increased numbers of people by attempting to mitigate the side effects. Costly, false solutions such as more freeways or massive water projects (e.g., sending polluted Hudson River water to New York City to help "solve" its water shortage problems) nearly always make matters worse or merely postpone the day of reckoning. "Technical fixes" such as emission control devices do not do the job either.

IT IS CLEAR THAT OVERPOPULATION IS INCREASINGLY A BASIC CAUSE OF OUR SERIOUS AND INTRACTABLE ENVIRONMENTAL, SOCIAL AND ECONOMIC PROBLEMS, AND IS THREATENING TO DESTROY THE CARRYING CAPACITY OF THE PHYSICAL ENVIRONMENT AND THE SOCIAL CONDITIONS NECESSARY FOR MAINTAINING OUR FREE SOCIETY.

WE MUST ACT NOW TO STABILIZE OUR POPULATION BY DEALING DIRECTLY WITH POPULATION INCREASE.

POPULATION-ENVIRONMENT BALANCE, INC. is a national non-profit membership organization dedicated to actions that will stabilize America's population. BALANCE actively promotes programs that encourage maintenance of our nation's carrying capacity, including protection of our environment and support for small family size.

Dear _____:

I am increasingly frustrated by the lack of real solutions to problems in the United States caused by too many people—global warming, water shortages, traffic jams, high housing costs, high taxes and environmental degradation are only a few of them. I strongly feel you must act to deal directly with overpopulation, because attempts to accommodate overpopulation are nothing but costly, false solutions. The U.S. contributes disproportionately to the global warming problem, and as our population increases, so does our already disproportionate share. Therefore, it is essential that a national population stabilization provision be included in the global warming bill. Please confirm that you support such a provision.

Name _____
Address _____
City _____ State _____ Zip _____

BOX SCORE BY 2020

The U.S. will add enough additional population to create another:

New York City, Los Angeles, Chicago, Houston, Philadelphia, Detroit, San Diego, Dallas, San Antonio, Phoenix, Baltimore, San Francisco, Indianapolis, San Jose, Memphis, Washington, Jacksonville, Milwaukee, Boston, Columbus, New Orleans, Cleveland, Denver, El Paso and Seattle — PLUS the next 75 largest cities in the U.S.!

...if we don't act now to stabilize U.S. population!

WE CANNOT DO EVERYTHING AT ONCE! BUT WE CAN BEGIN BY:

- Supporting the inclusion of national population stabilization provisions in global warming legislation pending in Congress
 - Supporting programs to reduce unwanted pregnancies
 - Controlling growth at the local level
- RIGHT NOW, IT IS ESSENTIAL THAT WE ACT TO INCLUDE U.S. POPULATION STABILIZATION PROVISIONS IN PENDING GLOBAL WARMING LEGISLATION.

ACT NOW! YOU CAN MAKE A DIFFERENCE!

Send the coupon below to your Senators and/or Representative. Let them know that you feel strongly that our excessive population increase must be dealt with directly, and that you favor passage of global warming legislation which establishes a national goal of population stabilization. Calling will help too!

- Fill out the coupon below to receive your free population information kit so you will have the facts regarding this critical problem.
- Join **Population-Environment Balance**. You will receive newsletters and legislative alerts telling you what's happening in Congress and around the country. You will also have other opportunities to help work toward a solution!
- Feel free to send us your ideas— together, we can more effectively work to achieve population stabilization.

Population-Environment Balance
1325 G Street, N.W., Suite 1003
Washington, D.C. 20005-4105

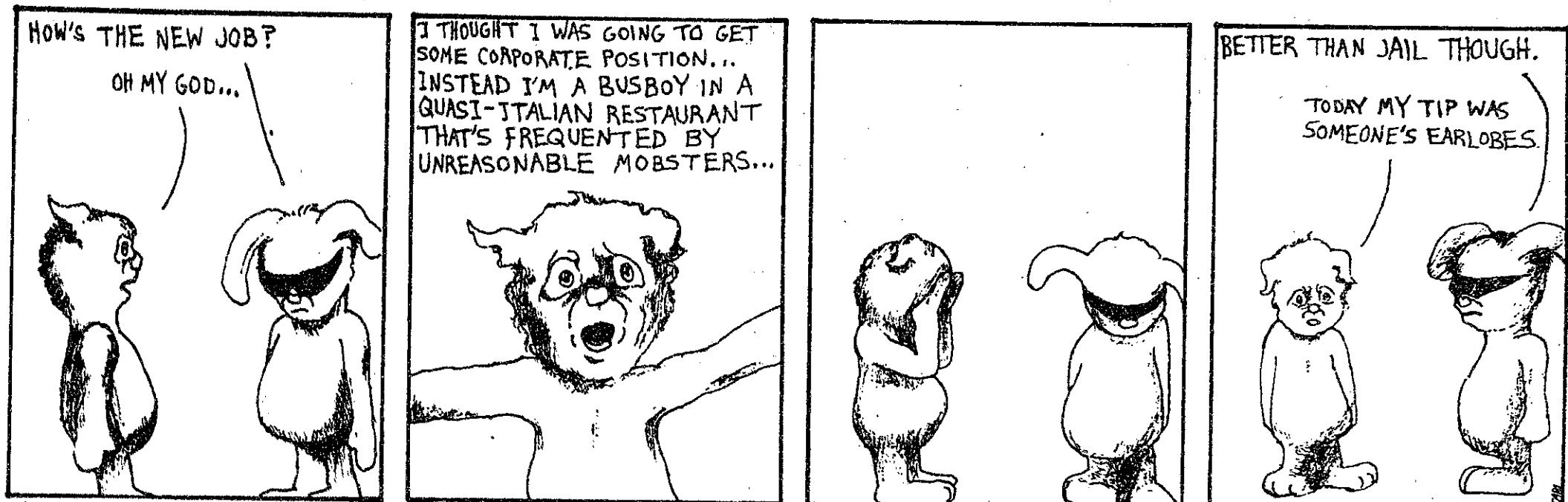
- ☐ Please send me free information about U.S. overpopulation and what can be done to correct it.
- ☐ I would like to be a supporter of Population-Environment Balance so I can be part of the solution. Enclosed is my donation of:
\$ _____ (\$10 Students) (\$25 Individual) (\$100 Sustaining)

Name _____
Address _____
City _____ State _____ Zip _____

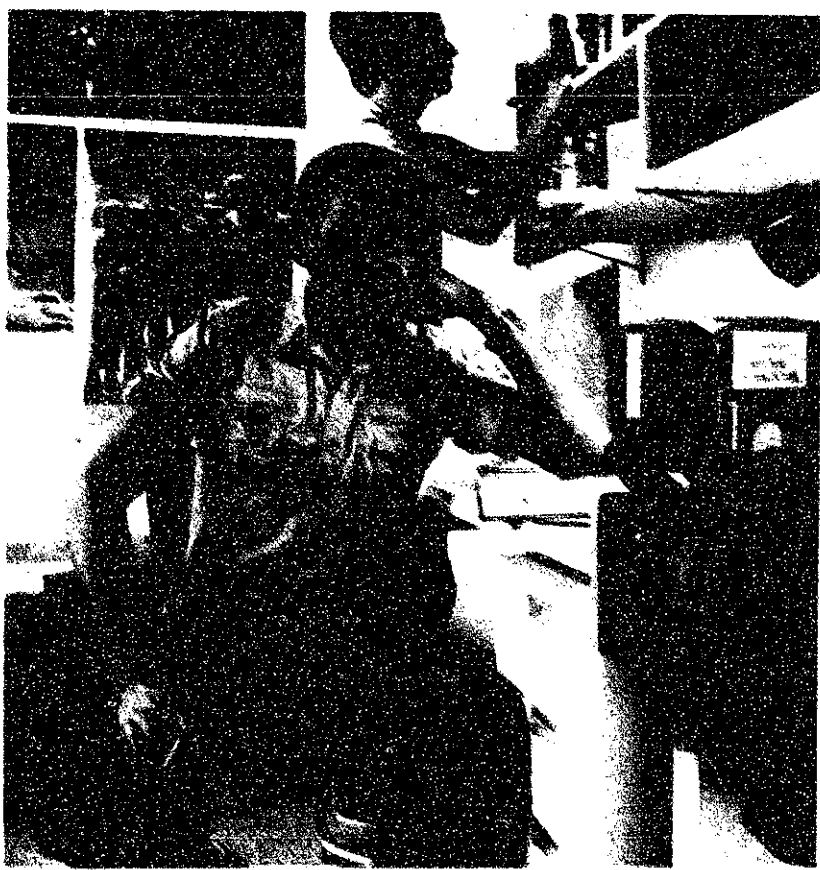
comics

FUB

TARO OHKAWA



"HOW I MADE \$18,000 FOR COLLEGE BY WORKING WEEKENDS."



When my friends and I graduated from high school, we all took part-time jobs to pay for college.

They ended up in car washes and hamburger joints, putting in long hours for little pay.

Not me. My job takes just one weekend a month and two weeks a year. Yet, I'm earning \$18,000 for college.

Because I joined my local Army National Guard.

They're the people who help our state during emergencies like hurricanes and floods. They're also an important part of our country's military defense.

So, since I'm helping them do such an important job, they're helping me make it through school.

As soon as I finished Advanced Training, the Guard gave me a cash bonus of \$2,000. I'm also getting another \$5,000 for tuition and books, thanks to the New GI Bill.

Not to mention my monthly Army Guard paychecks. They'll add up to more than \$11,000 over the six years I'm in the Guard.

And if I take out a college loan, the Guard will help me pay it back—up to \$1,500 a year, plus interest.

It all adds up to \$18,000—or more—for college for just a little of my time. And that's a heck of a better deal than any car wash will give you.

THE GUARD CAN HELP PUT YOU THROUGH COLLEGE, TOO. SEE YOUR LOCAL RECRUITER FOR DETAILS, CALL TOLL-FREE 800-638-7600,* OR MAIL THIS COUPON.

*In Hawaii: 737-5255; Puerto Rico: 721-4550; Guam: 477-9957; Virgin Islands (St. Croix): 773-6438; New Jersey: 800-452-5794. In Alaska, consult your local phone directory.
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MAIL TO: Army National Guard, P.O. Box 6000, Clifton, NJ 07015		
NAME ☐ M ☐ F		
ADDRESS		
CITY/STATE/ZIP		
AREA CODE PHONE		US CITIZEN ☐ YES ☐ NO
SOCIAL SECURITY NUMBER		BIRTH DATE
OCCUPATION		
STUDENT ☐ HIGH SCHOOL ☐ COLLEGE		
PRIOR MILITARY SERVICE ☐ YES ☐ NO		
BRANCH	RANK	AFM/MOS
		ARMY
		National Guard
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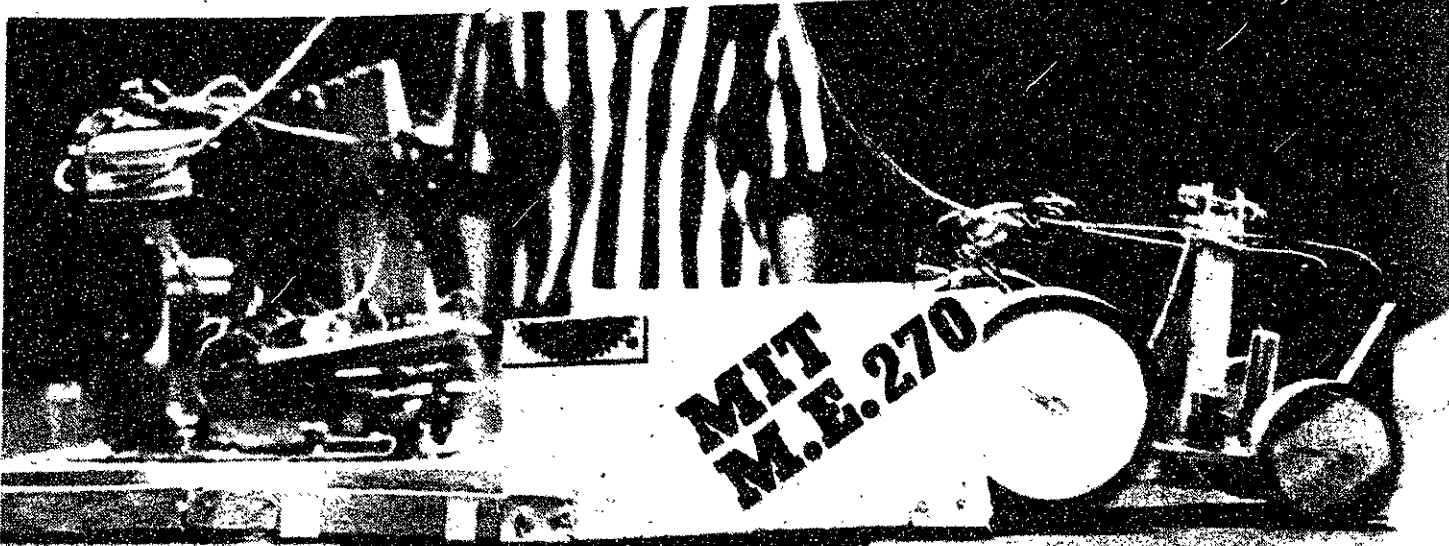
Army National Guard

Americans At Their Best.



Mauricio Roman/The Tech

Laura Pitone '91 finds humor in the midst of the contest

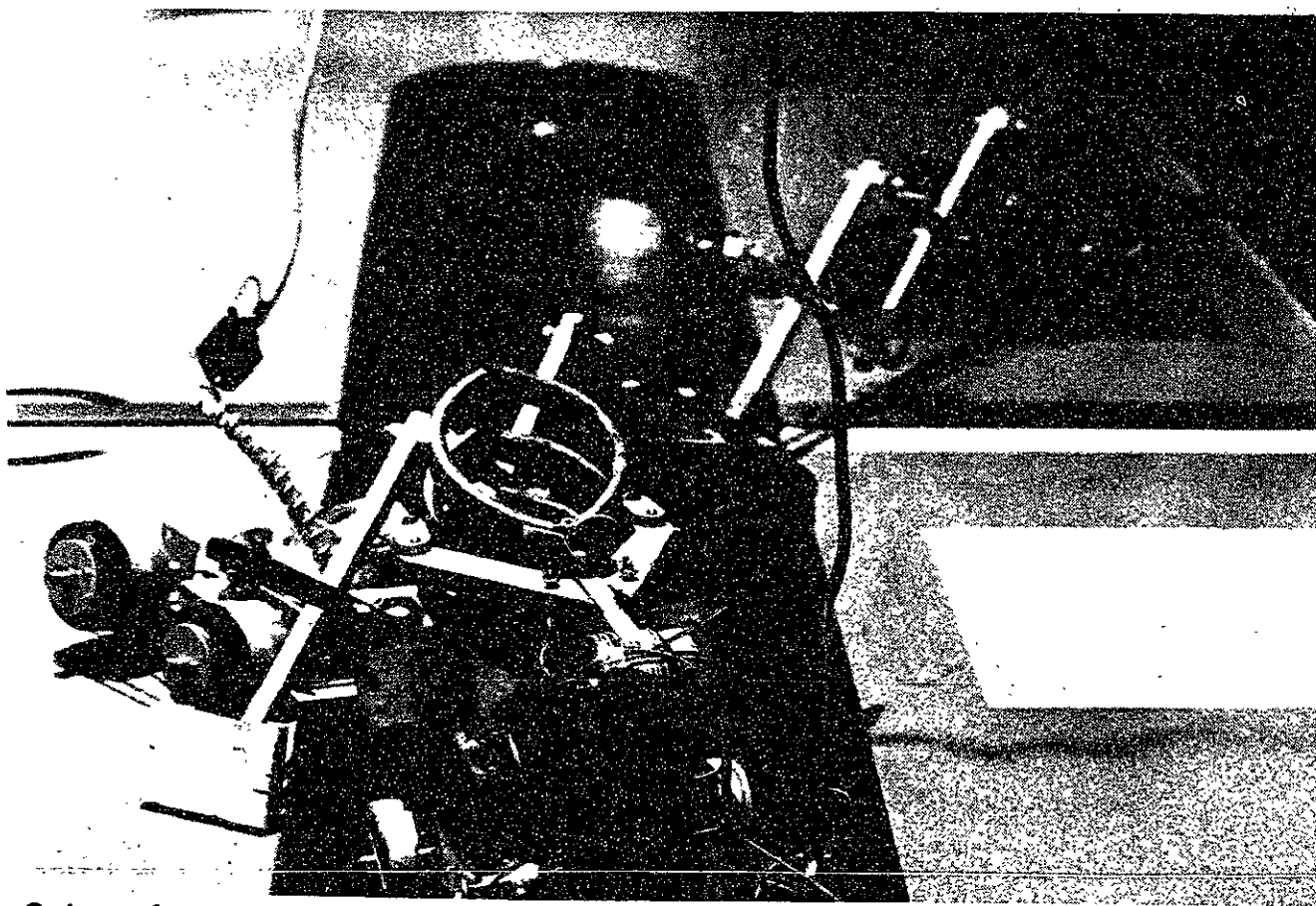


Ken Church/The Tech



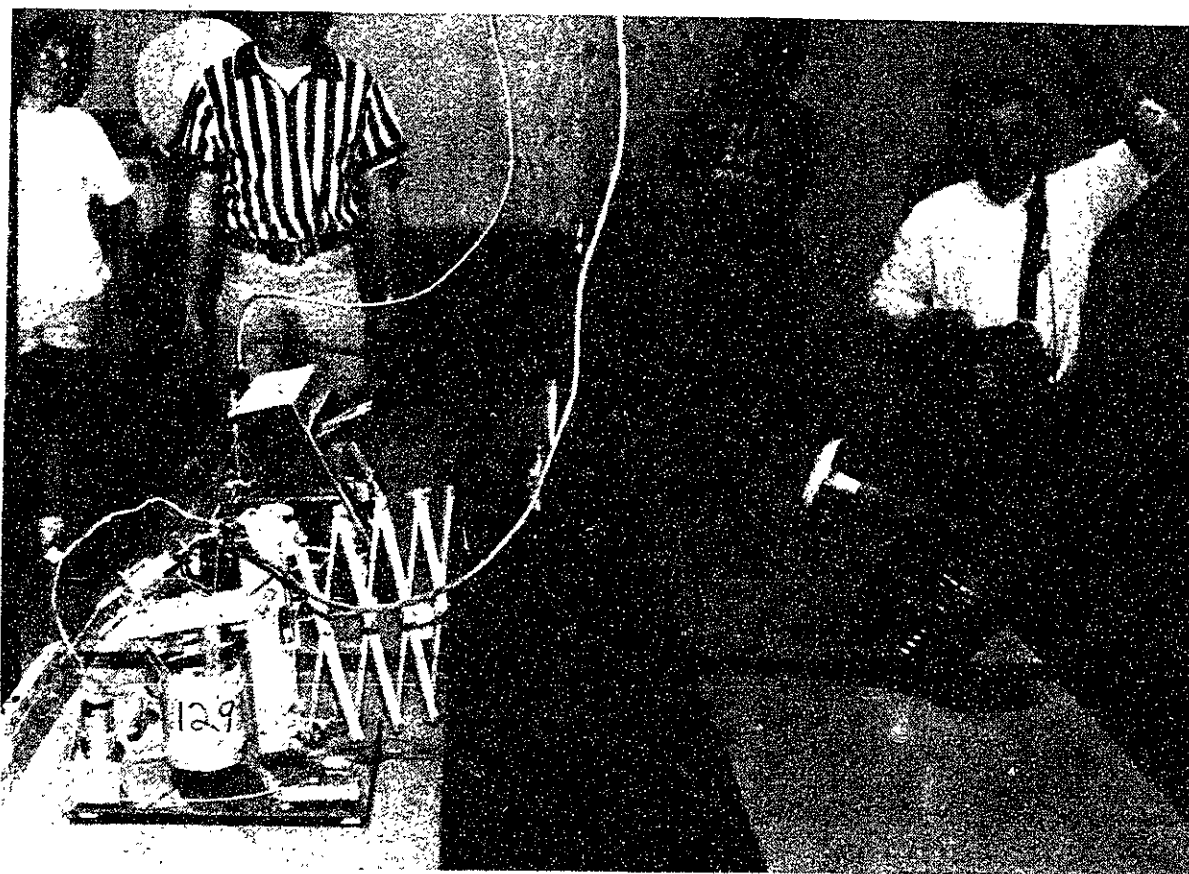
Mauricio Roman/The Tech

"Are you ready?..."



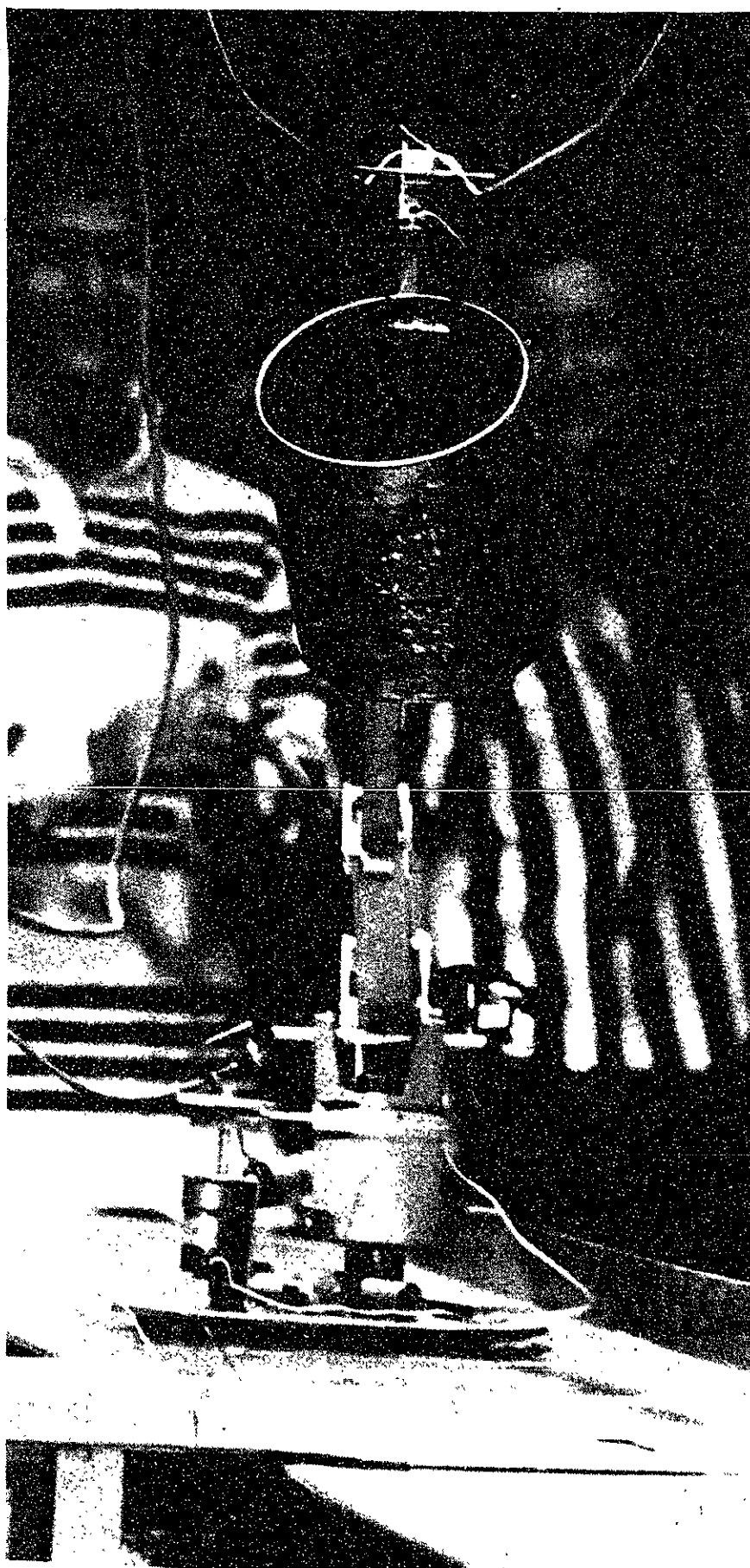
Ken Church/The Tech

Quite a few machines fall victim to the ditch



Mauricio Roman/The Tech

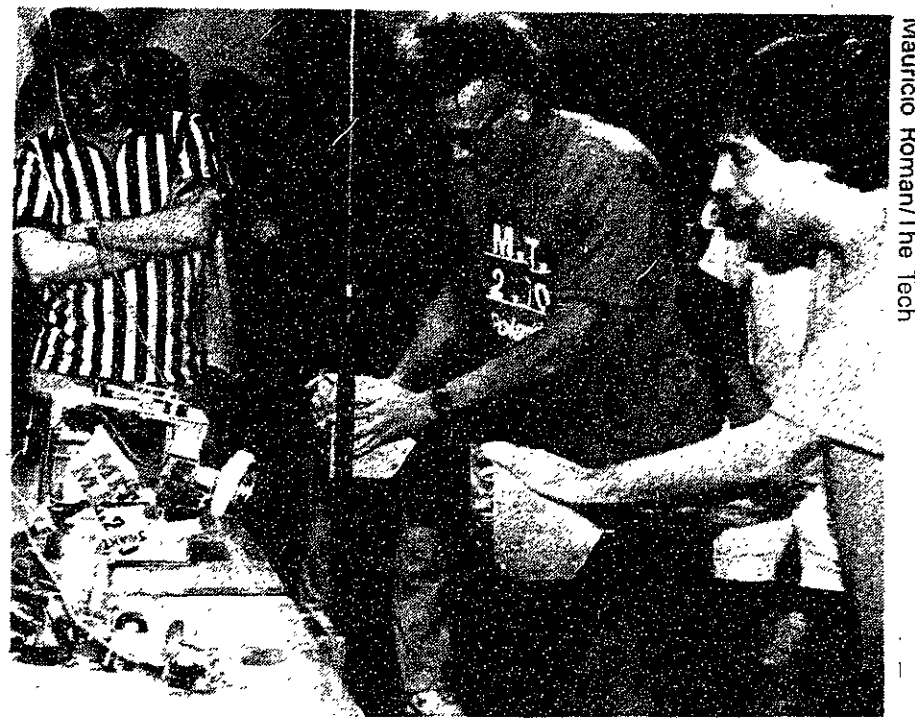
A projectile knocks over the can before the arm reaches it



Ken Church/The Tech

Katie Lilienkamp's machine keeps the can out of her "backyard"

Machine keeps can out of her "backyard"

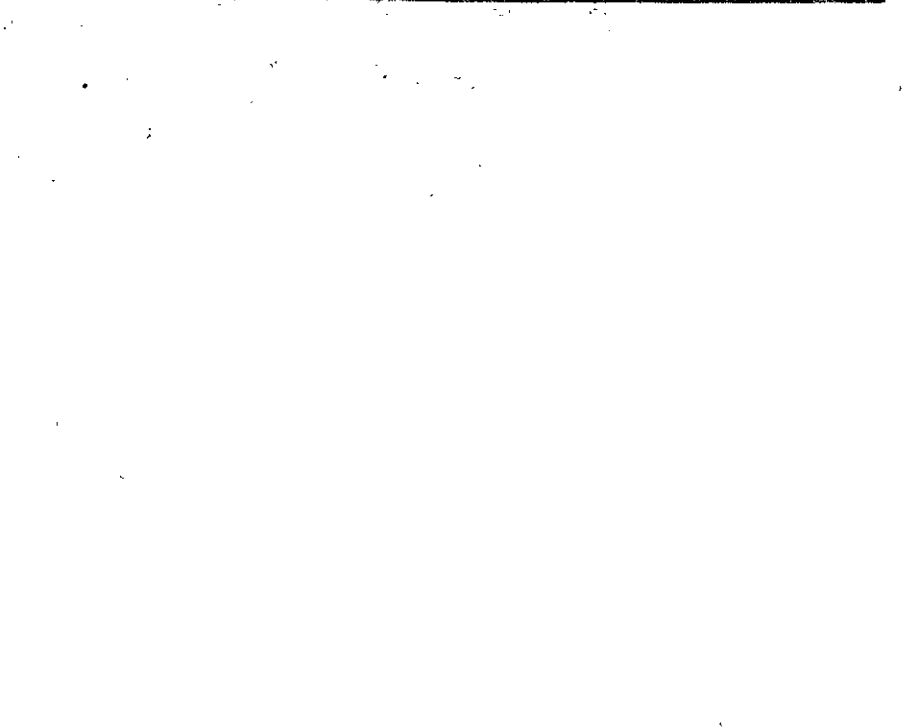


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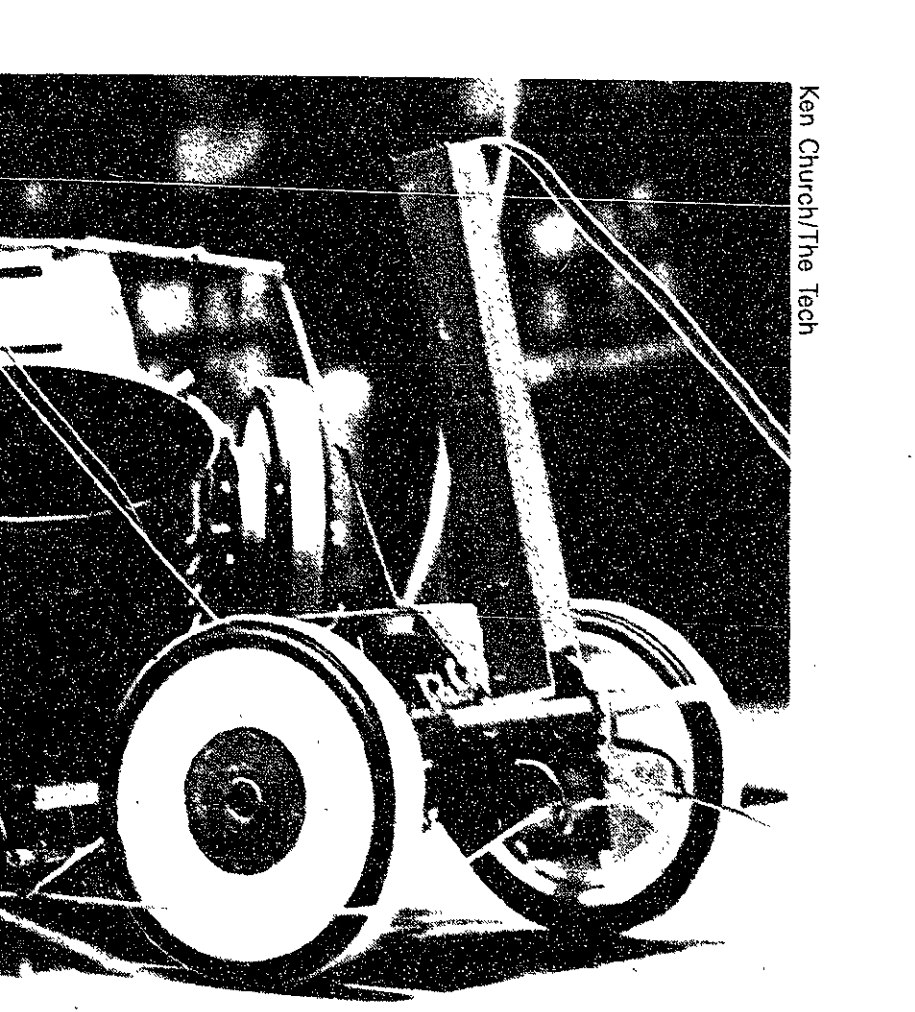
"Go!"



Mauricio Roman/The Tech



Mauricio Roman/The Tech



Ken Church/The Tech

Flores' winning machine.

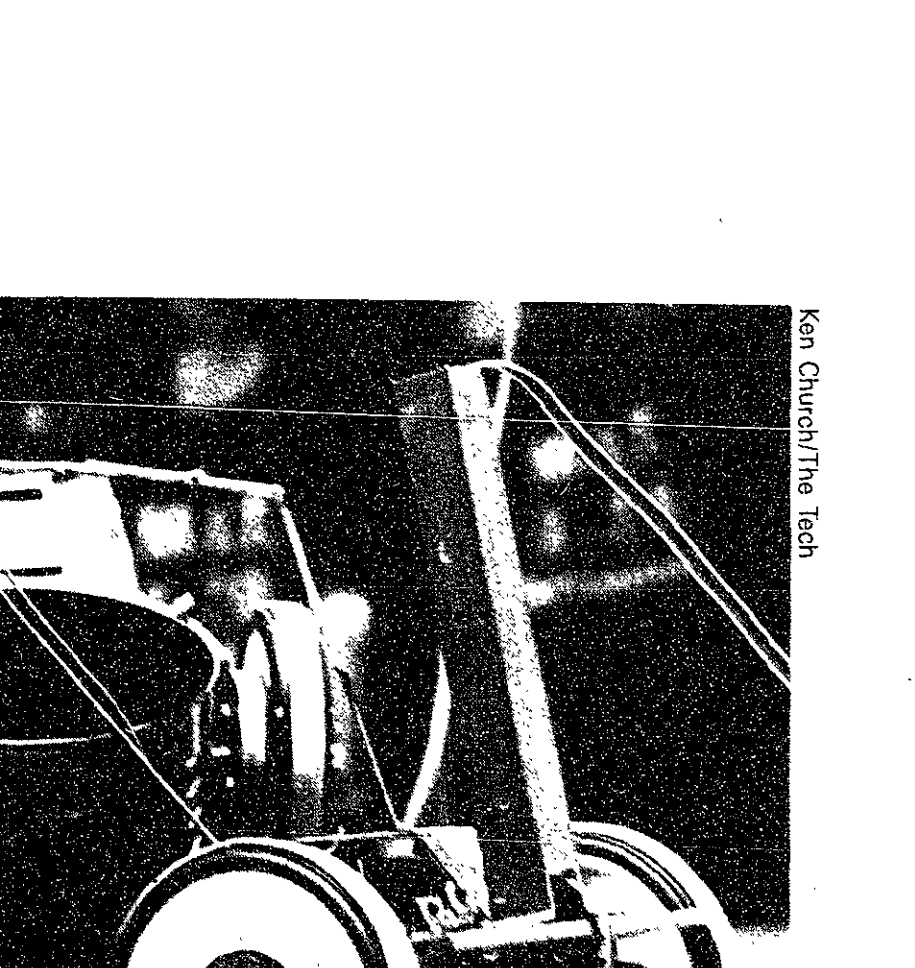


Mauricio Roman/The Tech

"...Get set..."



Mauricio Roman/The Tech



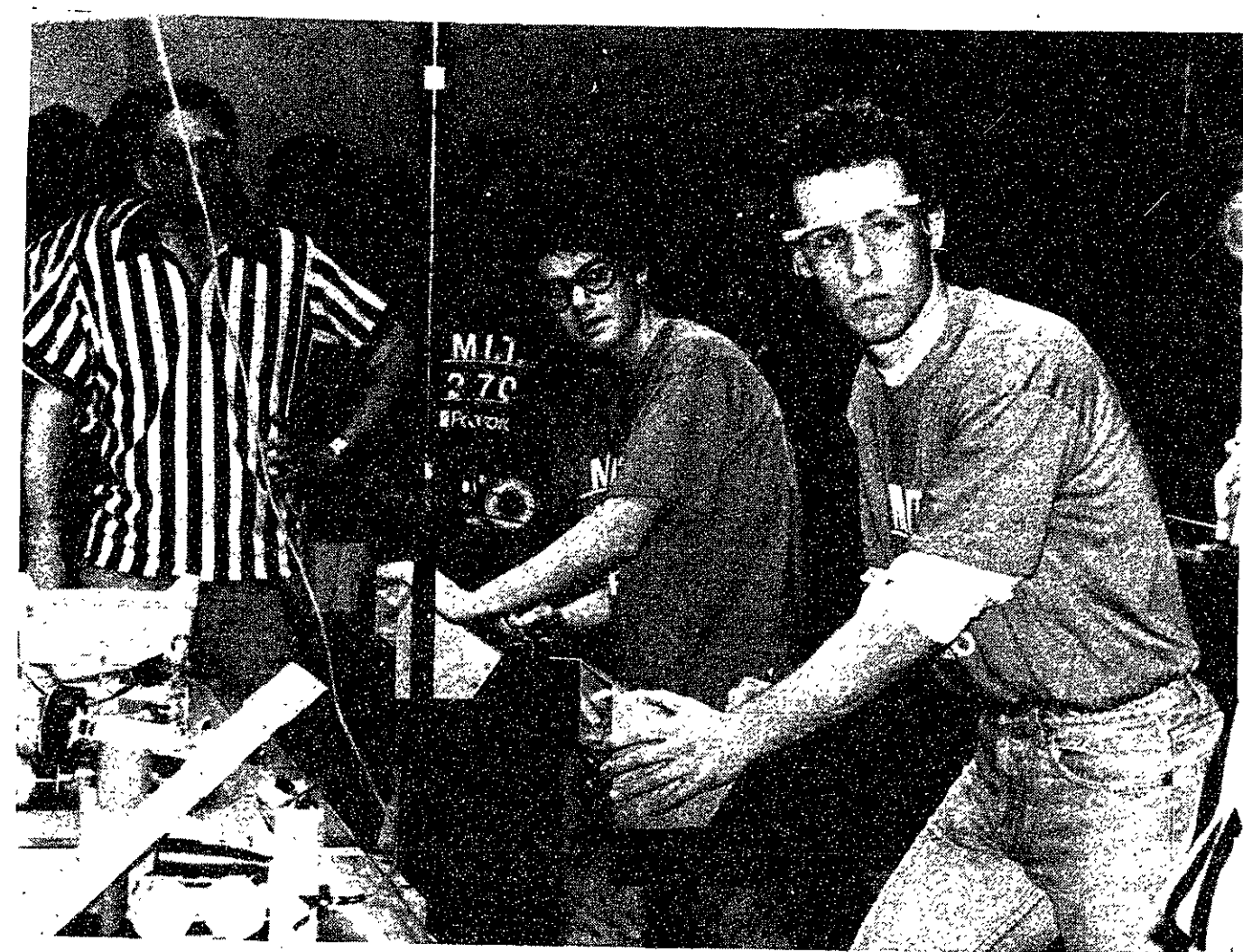
Mauricio Roman/The Tech



Mauricio Roman/The Tech



Mauricio Roman/The Tech



Mauricio Roman/The Tech

"...Get set..."



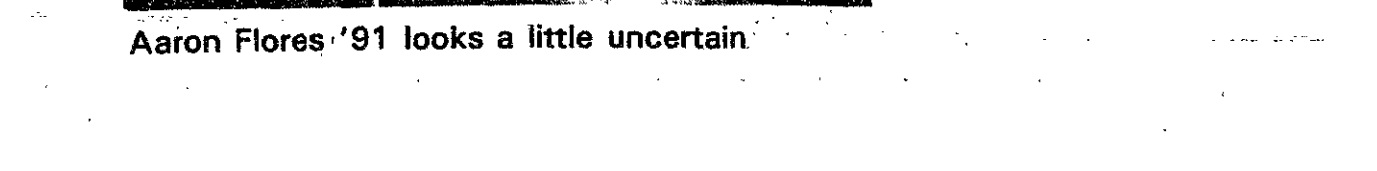
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Mauricio Roman/The Tech



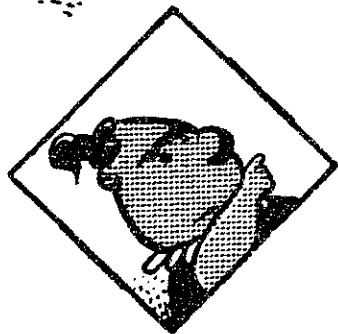
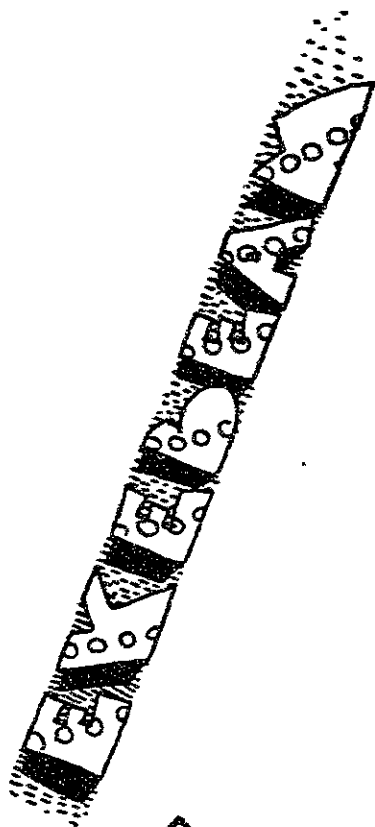
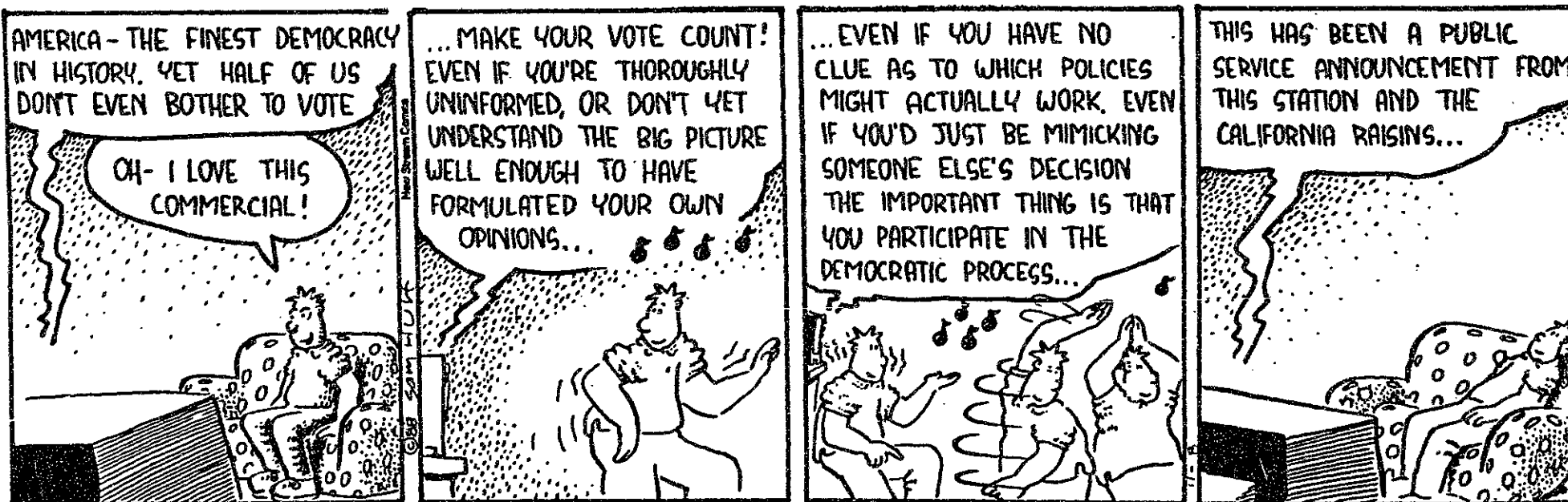
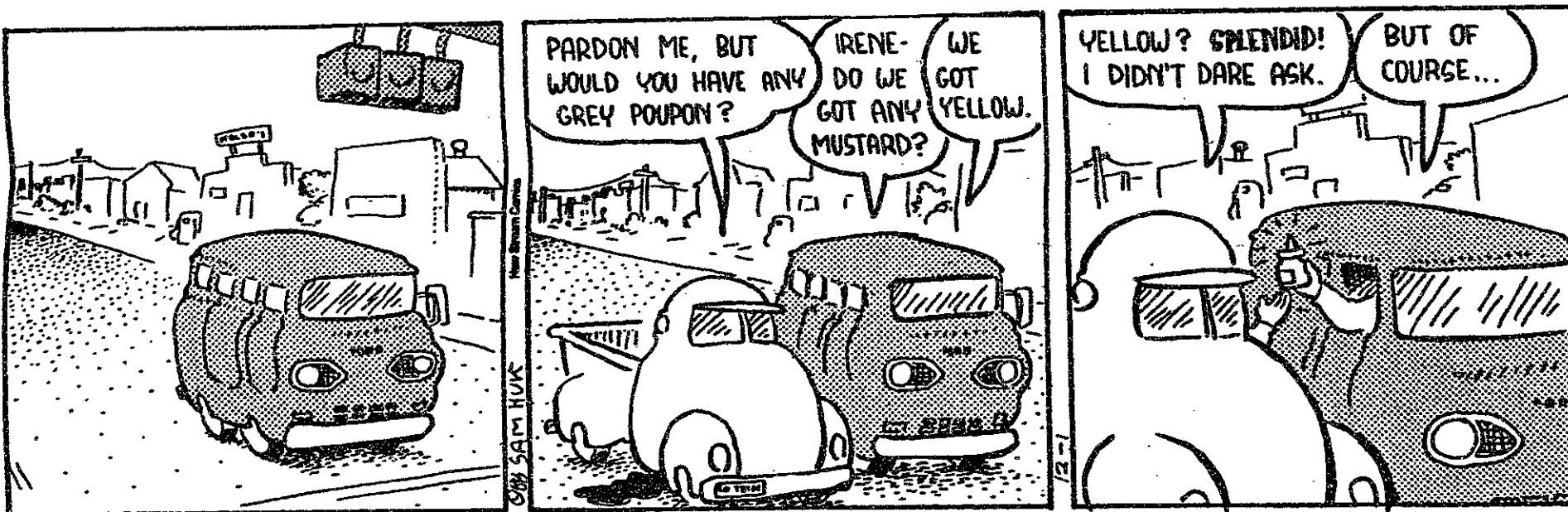
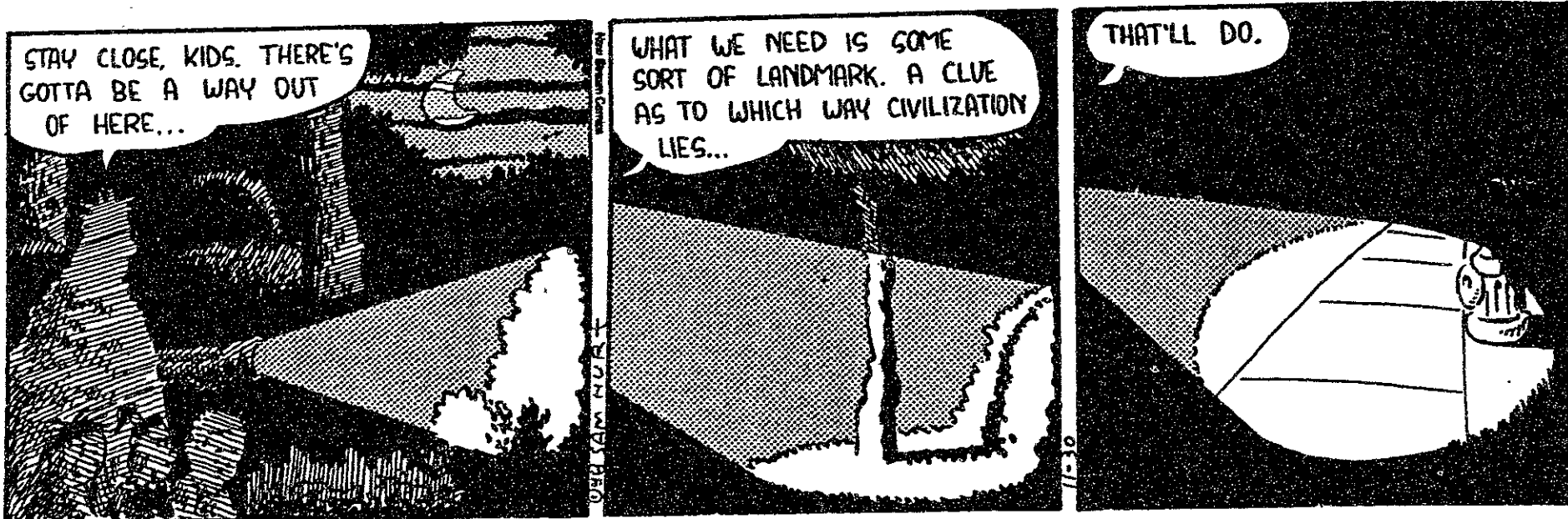
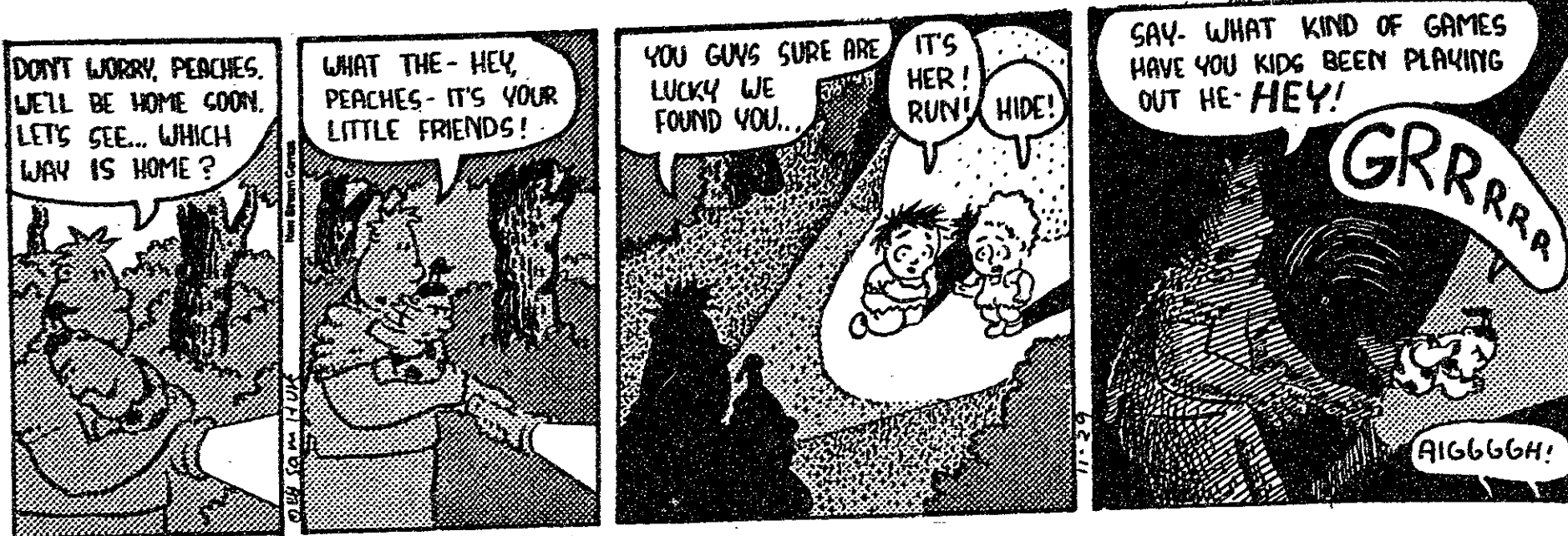
Mauricio Roman/The Tech



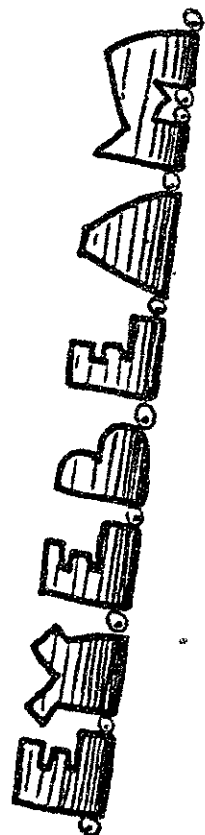
Mauricio Roman/The Tech

Aaron Flores '91 looks a little uncertain.

comics



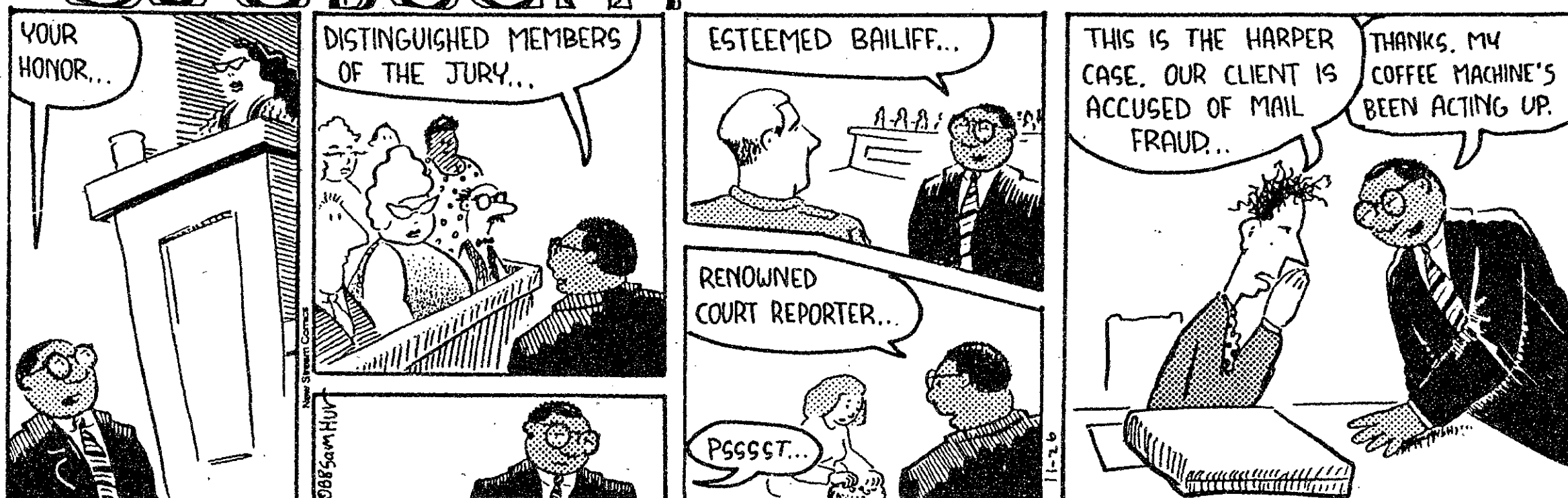
by Sam Huke



comics

eyebeam

by Sam Hume



classified advertising

Student Volunteers Needed to participate in exciting summer service project in Guatemala. July 1-31. Need air fare. Sponsored by World Student Service Corps. Call Janne or Sakai at 266-3630.

Furnished, 1-bedroom apartment wanted in Back Bay, Beacon Hill, or Cambridge by Canadian academic on sabbatical leave Aug. '89 to July '90. (506) 536-2915 evenings.

Help Identify and Research emerging technologies. A Boston affiliate of a leading West Coast venture creation (aka seed capital) firm seeks an individual (student, faculty, staff) to assist in identifying and researching emerging state-of-the-art technologies around which new companies can be formed. A technology generalist with proven research and analysis skills who has knowledge of biology, physics, hardware, software, AI, multimedia, lasers, new materials, etc., is preferred. The job consists primarily of library and telephone research. This will initially be a flexible 10 hrs/wk engagement, and could grow if significant results are achieved. Contact Scott at (617) 648-6985.

Experienced Translators

Japanese and German Language translations into or from Japanese and German for technical documents in various fields. Excellent pay for reliable, accurate work. Free-lance and employee positions available for experienced translators. Call Caroline, 617-864-3900.

Free Catalog

Softwear® shirts, Nightingale Marketing Services, 12713 Parkwood Drive, Burnsville, MN 55337.

Summer Jobs

Central America Outreach Canvass. 4-10 pm weekdays, Saturday 12-5 pm. \$40-\$80/day. Full- or Part-time. Summer or Year round. Call Marian at CASA in Harvard Square, 492-8699.

Government Homes from \$1.00. "U Repair". Also tax delinquent property. Call 805-644-9533, Ext. 901 for info.

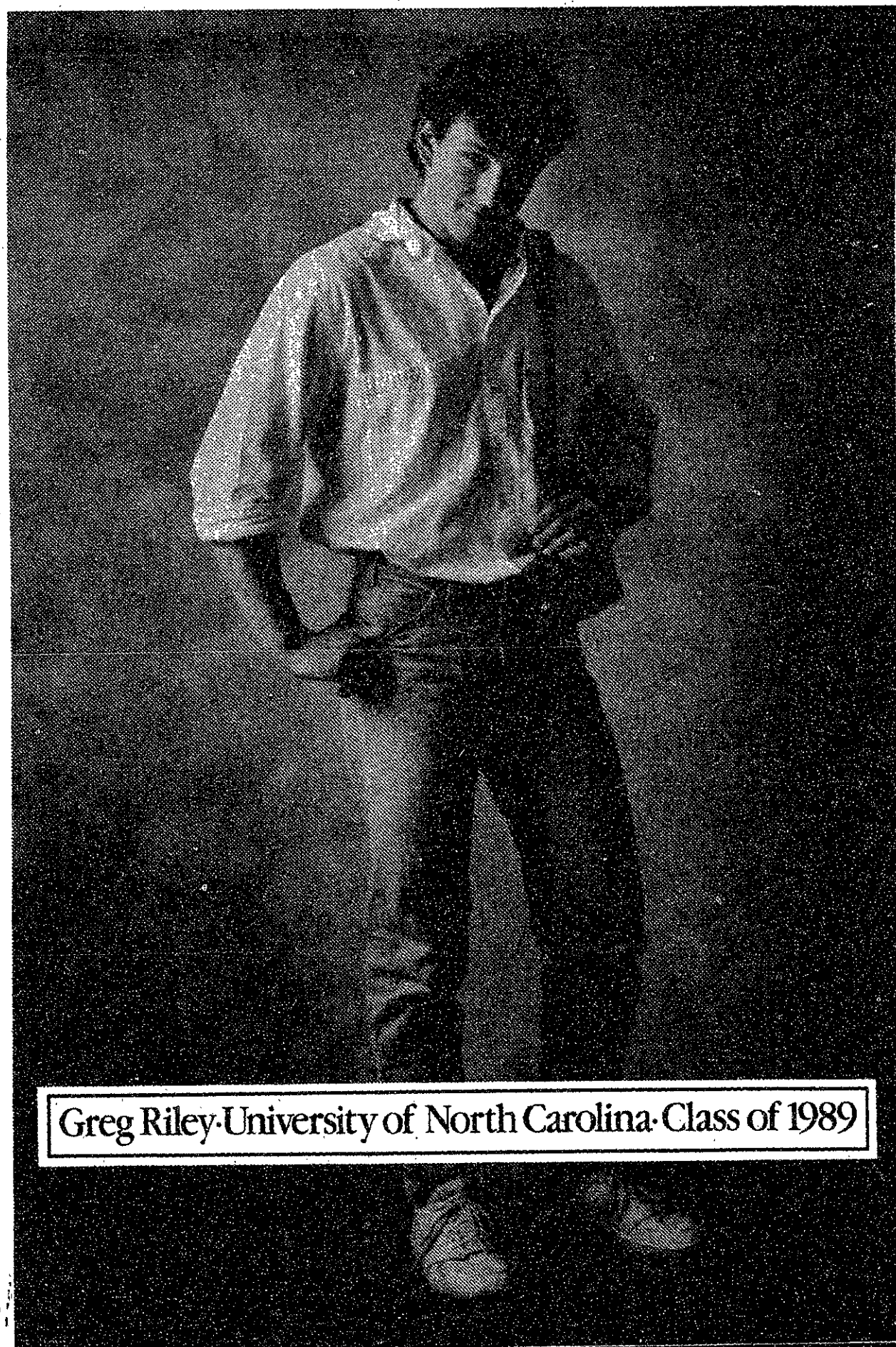
Sailboat Carpenter

Need Carpenter to repair planking of Town Class day sailer. Will pay, or will lend boat, trailer, and mooring for a season. Phone Betty or Stanley Sultan, 253-6776 or 782-9012 (Brighton).

Apartment in Cambridge near Inman Square: 3-4 bedroom apartment in 2-family house, sunny rooms, pets negotiable, \$1250/month, heat included. Available July 1. Call 776-9467.

Attention — Government seized vehicles from: 1980 Fords, Mercedes, Corvettes, Chevys. Surplus Buyers Guide. 1-802-838-8885 Ext. A4058.

"I don't want a lot of hype. I just want something I can count on."



Greg Riley · University of North Carolina · Class of 1989

Some long distance companies promise you the moon, but what you really want is dependable, high-quality service. That's just what you'll get when you choose AT&T Long Distance Service, at a cost that's a lot less than you think. You can expect low long distance rates, 24-hour operator assistance, clear connections and immediate credit for wrong numbers. And the assurance that virtually all of your calls will go through the first time. That's the genius of the AT&T Worldwide Intelligent Network.

When it's time to choose, forget the gimmicks and make the intelligent choice—AT&T.

If you'd like to know more about our products or services, like International Calling and the AT&T Card, call us at 1 800 222-0300.



AT&T

The right choice.



Andy Silber

It was a busy Spring Weekend. . .



Joyce Ma

Senior H
St



Henry Wu

SCC
All
Tech
Sing



Joyce Ma



Mike Niles

SCC Picnic BBQ



Mike Niles



Andy Silber

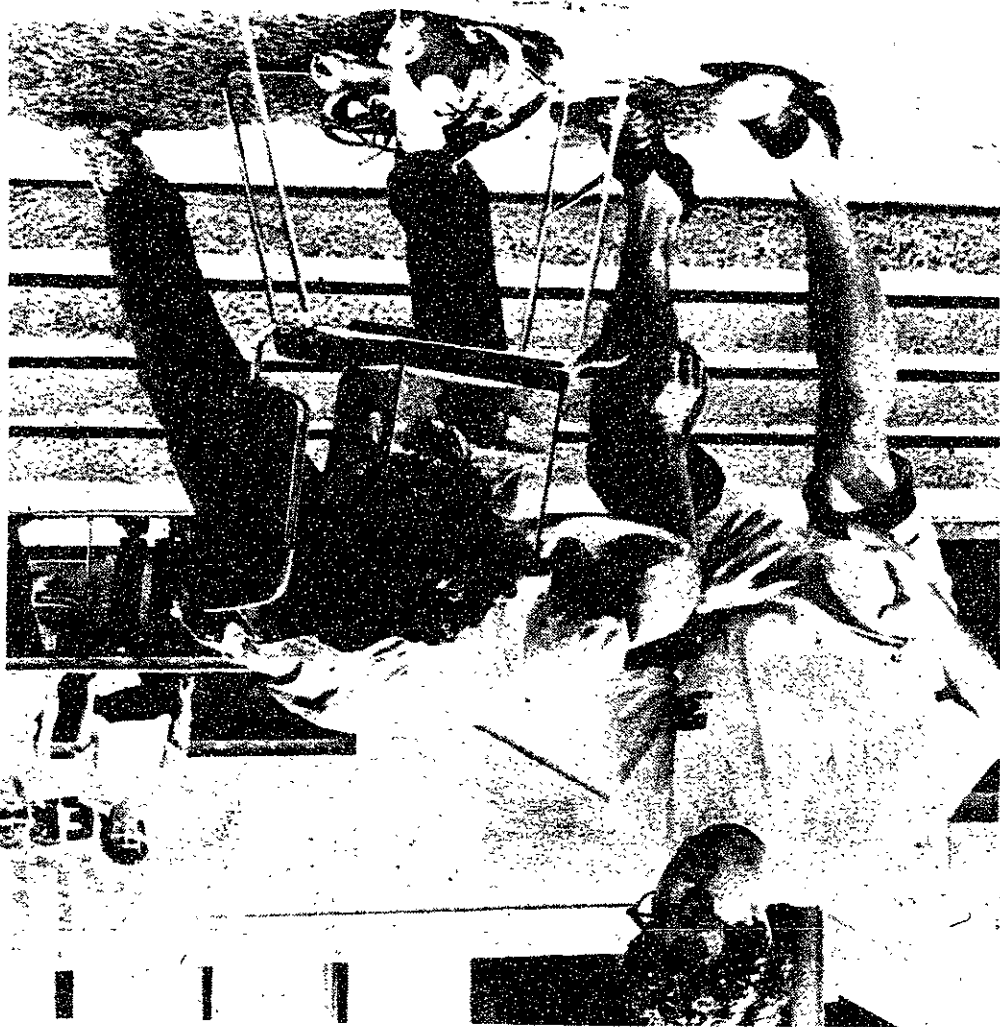


Kyle G. Peltonen

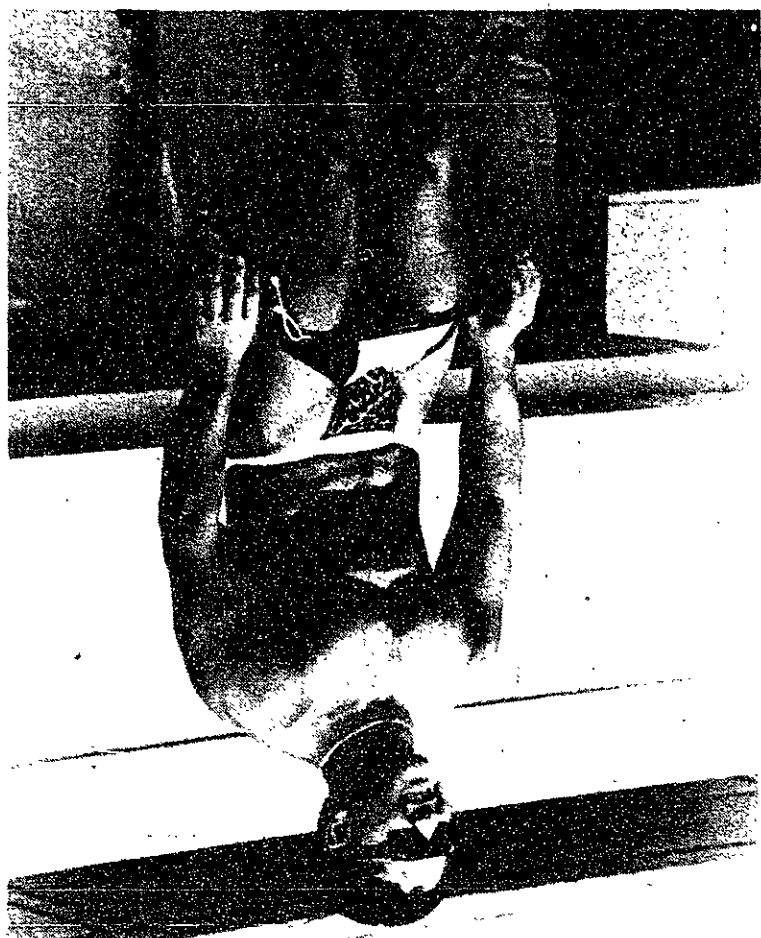


Community Service Fund Race

Kyle G. Peltonen



Kyle G. Peltonen



Kyle G. Peltonen



Kyle G. Peltonen

Joyce Ma



House per Roast

Spring Weekend

Georgina A. Maldonado

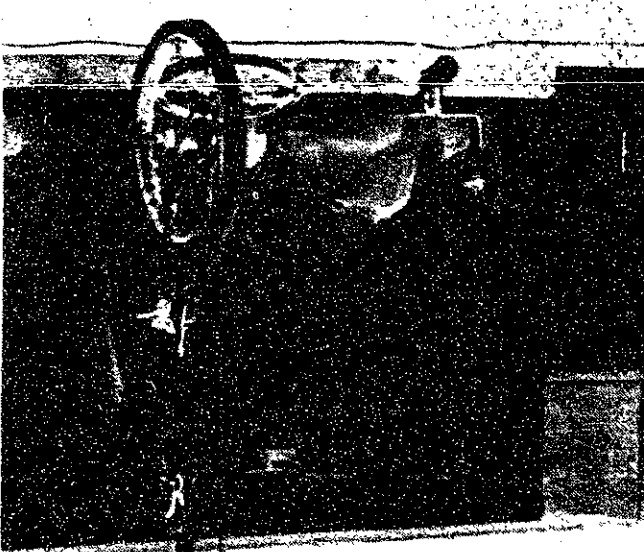


Michael Franklin



Alpha Phi Nerd Auction

Kyle G. Peltonen



Dramashop's Doctor and the Devils is eerie, captivating

THE DOCTOR AND THE DEVILS

Written by Dylan Thomas.
Presented by MIT Dramashop.
Directed by Patrick Swanson.
May 4-6 and 11-13.
Kresge Little Theatre.

By HALVARD K. BIRKELAND

THE DOCTOR AND THE DEVILS is not just about anatomists, beggars, murderers, harlots, and a few mislaid bodies during Britain's industrial revolution. It is also a piercing and morbid look at modern society, success, and the price of progress.

The title's Dr. Rock is a passionate teacher and student of anatomy who attracts attention from everywhere. His Academy of Anatomy has grown to such an extent that the supply of raw materials (the bodies) cannot keep up. With little concern for the consequences, Rock figuratively turns to the devil for the progress, and the bodies, that he needs. (Christopher Coon '90 plays Rock with energy and aggressiveness.)

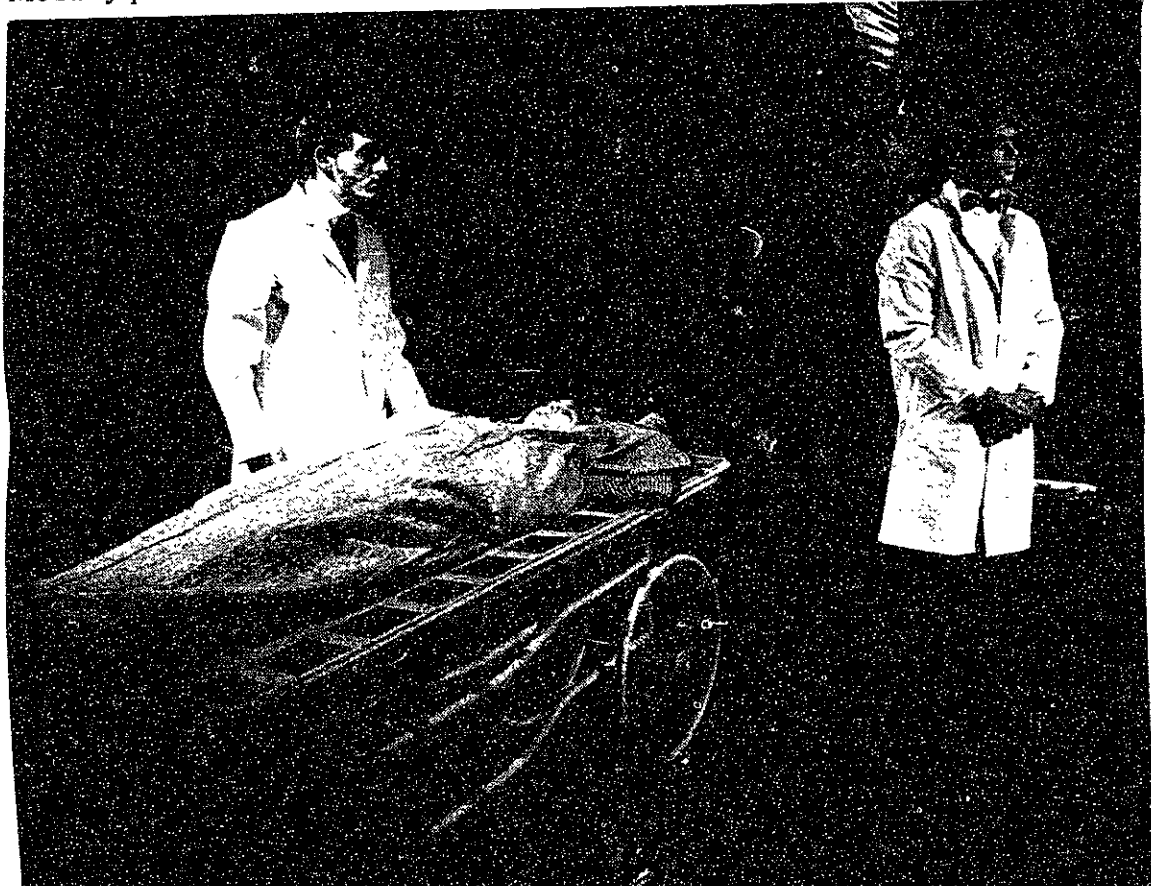
Broom (Derek Clark '89) and Fallon (Matt McCarty '89) play the devils — two penniless proles searching only for their next drink. Although the two begin grave robbing for money, their greed for money, wine, and women quickly consumes their souls. Eventually, they murder the poor, the crippled, and the travelers, selling the fresh bodies to the Academy. Clark and McCarty performed as a team with gusto,

drawing the audience into their bawdy tavern existence.

The murders go unnoticed — nobody cares that the poor are disappearing — until Rock's fellow anatomist Murray (Bobby Amini '92) finds the body of his mistress, Jennie Bailey (Marcella Obdrzalek '92), on the dissecting table. While Amini portrayed the aged Murray with great care and understanding, Obdrzalek's Bailey (when alive) was even more shallow than the harlot should have been.

By far the most interesting and captivating aspects of the production were the sets and the steel cello (a large metal sheet played with a cello bow). Two musicians (Michael Punzak and John Fleagle) produced the chilling, bone grating strains needed for the cold, dreary academy and helped capture the warm frivolity of the tavern. The intricately detailed set captured the emptiness of Rock's house, the squalor of Fallon's flat, and the warmth of the tavern. The technical ingredients, demonstrably successful, supported the cast but did not dominate.

The staging, however, sometimes intruded. In the first act, the show was carried by the narrators, who upstaged the actors during many of the opening scenes. Fortunately, the narrators' roles diminished by the second act. A downstage stretcher proved too disquieting and again detracted from the opening scenes. Even so, *The Doctor and the Devils* remains an enjoyable and enlightening production.



A scene from *The Doctor and the Devils*.

Tuesday, May 9

POPULAR MUSIC, ETC.

*** CRITIC'S CHOICE ***
The Boston Pops, John Williams conducting, with guests soprano Kathleen Battle and saxophonist Branford Marsalis, performs in its *Opening Night* at 8:00 at Symphony Hall, corner of Huntington and Massachusetts Avenues, Boston. Performances continue through July 15. Tuesday-Saturday at 8:00, Sunday at 7:30. Tickets: \$9.50 to \$27.50. Telephone: 266-1492.

Tim Finn performs at the Paradise, 967 Commonwealth Avenue, Boston. Telephone: 254-2052.

The Lemmings and Blake Babies perform at 8 pm at Hub Club, 533 Washington Street, Boston. Tickets: \$6 advance/\$8 at the door. Tel: 451-6999.

Charlie Farren and Friends perform at 7:30 & 10:30 at Necco Place, 1 Necco Place, Boston. Tickets: \$4.50/\$5.50. Telephone: 426-7744.

Band • Danna, Island Park, and Flip City perform at T.T. the Bear's, 10 Brookline Street, Cambridge, just north of MIT. Telephone: 492-0082.

Demilos, Big Face, and Idaho Alaska perform at the Rat, 528 Commonwealth Avenue, Kenmore Square, Boston. Telephone: 247-8309.

Dan Ar Braz performs at Johnny D's, 17 Holland Street, Somerville, just by the Davis Square T-stop on the red line. Telephone: 776-9667.

Bob Meloon and The Big Argument perform at 9 pm at Nightstage, 823 Main Street, Cambridge, just north of MIT. Tickets: \$5. Telephone: 497-8200.

JAZZ MUSIC

The Wellesley Prism Jazz Ensemble performs at 8 pm in Jewett Auditorium, Wellesley College. No admission charge. Telephone: 235-0320.

The John Ramsey-Bill Pierce Quartet performs at 9 pm at the Regattabar, Charles Hotel, One Bennett Street, Harvard Square, Cambridge. Tickets: \$6.75. Telephone: 864-1200.

CLASSICAL MUSIC

The MIT Chamber Music Society performs at 5:15 in Killian Hall, MIT Hayden Library Building 14. Also presented Tuesday, May 10. No admission charge. Telephone: 253-2906.

The Russian Niensk Chorus performs at 12:30 at the Federal Reserve Bank of Boston's auditorium, 600 Atlantic Avenue, across from South Station in downtown Boston. No admission charge. Telephone: 973-3454 or 973-3368.

Jane Hershey, viola la gamba, performs works by Gibbons, Jenkins, Hume, Locke, and Simpson in a *Longy Faculty Artist Series* concert at 8 pm in Lindsay Chapel, First Church, Congregational, 11 Garden Street, Cambridge. No admission charge. Telephone: 876-0956.

FILM & VIDEO

The Somerville Theatre presents *Stranger Than Paradise* (1984) at 6 pm & 10 pm and *Down By Law* (1986) at 8 pm. Also presented Wednesday, May 10. Located at 55 Davis Square, Somerville, just by the Davis Square T-stop on the red line. Tickets: \$5. Telephone: 625-1081.

The Brattle Theatre begins its Tuesday series *Showcasing Independent Filmmaking* with *Used Innocence* (James Benning, 1988) at 4:00 & 7:50 and *The Thin Blue Line* (Errol Morris, 1988) at 5:50 & 9:40. Located at 40 Brattle Street, Harvard Square, Cambridge. Tickets: \$4.75 general, \$3 seniors and children. Telephone: 536-1540.

EXHIBITS

The Gods Delight: *The Human Figure in Classical Bronze*, 74 Greek, Etruscan, and Roman bronze statuettes found in American collections, opens today at the Museum of Fine Arts, 465 Huntington Avenue, Boston. Continues through July 9. Telephone: 267-9300.

Wednesday, May 10

FILM & VIDEO

*** CRITIC'S CHOICE ***
The Brattle Theatre begins its Wednesday series *New Chinese Cinema: From the Mainland with Horse Tail* (Tian Zhuangzhuang, 1986) at 7 pm & 9 pm. Located at 40 Brattle Street, Harvard Square, Cambridge. Tickets: \$4.75 general, \$3 seniors and children. Telephone: 536-1540.

POPULAR MUSIC, ETC.

Duke Robillard performs at 9 pm at Nightstage, 823 Main Street, Cambridge, just north of MIT. Tickets: \$7. Telephone: 497-8200.

O'Jones, Ultra Maroon, Fresh Fish, and Morgan's Stew perform at T.T. the Bear's, 10 Brookline Street, Cambridge, just north of MIT. Telephone: 492-0082.

The Glenn Phillips Band performs at Johnny D's, 17 Holland Street, Somerville, just by the Davis Square T-stop on the red line. Telephone: 776-9667.

The Crosbys, Veleo Peasants, and Brahman Caste perform at the Rat, 528 Commonwealth Avenue, Kenmore Square, Boston. Telephone: 247-8309.

JAZZ MUSIC

The Tommy Flanagan Trio performs at 9 pm at the Regattabar, Charles Hotel, One Bennett Street, Harvard Square, Cambridge. Also presented May 11, 12, and 13. Tickets: \$6.75 to \$10.75 depending on day. Telephone: 864-1200.

The Longy Jazz Orchestra performs at 8 pm in the Edward Pickman Concert Hall, Longy School of Music, Follen and Garden Streets, Cambridge. No admission charge. Telephone: 876-0956.

Thursday, May 11

POETRY

David Zeitler, assistant professor, MIT Media Arts and Sciences Section, reads from his own works at 7:30 in Barrios Theatre, MIT Weisner Building E15. No admission charge. Telephone: 253-0335.

DANCE

*** CRITIC'S CHOICE ***
Don Quixote is presented by Boston Ballet at 7 pm at the Wang Center, 270 Tremont Street, Boston. Continues through May 21 with performances Thursday-Saturday at 8 pm, Saturday and Sunday at 2 pm. Tickets: \$18.50 to \$34.50. Tel: 542-1323.

CLASSICAL MUSIC

The Arcadian Winds perform at 12:30 at the Federal Reserve Bank of Boston's auditorium, 600 Atlantic Avenue, across from South Station in downtown Boston. No admission charge. Telephone: 973-3454 or 973-3368.

FILM & VIDEO

The Brattle Theatre presents *Lifting the Blackout: Images of North Korea* (Erika Andersen, 1989) at 7 pm & 9 pm. Located at 40 Brattle Street, Harvard Square, Cambridge. Tickets: \$4.75 general, \$3 seniors and children. Telephone: 536-1540.

The Museum of Fine Arts presents *The Cry of the Owl (Le Cri du hibou)*, Claude Chabrol, 1987, France) at 5:30 & 7:30 [see review this issue]. Also presented Friday, May 12. Screenings in Remis Auditorium, MFA, 465 Huntington Avenue, Boston. Tickets: \$4 general, \$3.50 MFA members, seniors, and students. Telephone: 267-9300.

The Harvard-Epworth Church presents *Howard Hawks' Twentieth Century* (1934) at 8 pm. Located at 1555 Massachusetts Avenue, Cambridge, just north of Harvard Square. Admission: \$3 contribution. Telephone: 354-0837.

The Boston Film/Video Foundation presents *The Fall of the I-Hotel* (Curtis Choy) and *Pak Bueng on Fire* (Supachai Surongsaen) as part of the 1989 *Asian/Pacific American Heritage Week Celebration* at 8 pm. Located at 1126 Boylston Street, Boston. Tickets: \$5. Telephone: 426-5313.

THEATER

*** CRITIC'S CHOICE ***
The Doctor and the Devils, an adaptation of the Dylan Thomas screenplay, is presented by MIT Dramashop at 8 pm at MIT's Kresge Little Theatre [see review this issue]. Also presented May 12 and 13. Tickets: \$6 general, \$5 seniors and students. Telephone: 253-2877.

A Funny Thing Happened on the Way to the Forum, Stephen Sondheim's irreverent parody of ancient Rome, is presented by the MIT Musical Theatre Guild at 8 pm in the Sala de Puerto Rico, MIT Student Center [see review this issue]. Also presented May 12 and 13. Tickets: \$7 general, \$6 MIT faculty & staff, \$5 seniors & students, \$4 MIT students. Telephone: 253-6294.

Victorian Dreams is presented by the Studebaker Movement Theater Company at 8 pm at The Performance Place, 277 Broadway, Somerville. Also presented May 12 and 13. Tickets: \$10 general, \$6 students. Telephone: 623-5510.

PLANNING A:

- concert?
- movie?
- art exhibit?
- ballet?
- book?
- opera?

The Tech Arts Hotline
253-1541

On The Town

Compiled by Peter Dunn

POPULAR MUSIC, ETC.

The Stray Cats perform at Citi, 15 Lansdowne Street, Boston, near Kenmore Square. Tickets: \$14.50 advance/\$15.50 day of show. Telephone: 787-8000.

*** CRITIC'S CHOICE ***
Mojo Nixon and Skid Roper perform at the Paradise, 967 Commonwealth Avenue, Boston. Tel: 254-2052.

Tom Rush performs at 8 pm at the Somerville Theatre, 55 Davis Square, Somerville, just by the Davis Square T-stop on the red line. Also presented Friday, May 12. Tickets: \$17.50, \$19.50, & \$20.50 advance, \$2 more day of show. Telephone: 625-1081.

The Titanics perform at 7:30 at Necco Place, 1 Necco Place, Boston. Tickets: \$3.50/\$4.50. Telephone: 426-7744.

Shy Five perform at Johnny D's, 17 Holland Street, Somerville, just by the Davis Square T-stop on the red line. Telephone: 776-9667.

Blockyard, with guests Life on Earth, Educated Guess, Seducer, and A Different Blue, perform at the Channel, 25 Necco Street, near South Station in downtown Boston. Tickets: \$3.50. Telephone: 451-1905.

Boo Radley, Big Train, and The Cake Eaters perform at T.T. the Bear's, 10 Brookline Street, Cambridge, just north of MIT. Telephone: 492-0082.

American Music Club, El Caminos, and Honey Bunch perform in an 18+ ages show at the Rat, 528 Commonwealth Avenue, Kenmore Square, Boston. Telephone: 247-8309.

PERFORMANCE ART

A Refuge From Performance Art, by Tom Janzen, is presented at 8 pm at Mobius, 354 Congress Street, Boston. Also presented Friday, May 12. Tickets: \$7. Telephone: 542-7416.

Friday, May 12

POPULAR MUSIC, ETC.

O Positive, Miss Xmas Don't, and The Willin perform in an 18+ ages show at the Paradise, 967 Commonwealth Avenue, Boston. Telephone: 254-2052.

Tribe performs at Axis, 13 Lansdowne Street, Boston, near Kenmore Square. Telephone: 262-2437.

The Grass Roots perform at 7:30 & 10:30 at Necco Place, 1 Necco Place, Boston. Tickets: \$7.50/\$8.50. Tel: 426-7744.

*** CRITIC'S CHOICE ***
Bim Skala Bim, with guests The Toasters, The Joneses, Big Heat, House of Joy, and Mind Over Matter, perform at the Channel, 25 Necco Street, near South Station in downtown Boston. Tickets: \$4.50 advance/\$5.50 at the door. Tel: 451-1905.

Dumpruck, Galaxy 500, and The Martenas perform at T.T. the Bear's, 10 Brookline Street, Cambridge, just north of MIT. Telephone: 492-0082.

Blood Oranges, Boo Radley, The Walkers, and Randall Burke perform at the Rat, 528 Commonwealth Avenue, Kenmore Square, Boston. Tel: 247-8309.

Boogaloo Swamis perform at Johnny D's, 17 Holland Street, Somerville, just by the Davis Square T-stop on the red line. Telephone: 776-9667.

THEATER

The Miser, Moliere's comedy about a greedy skinflint in competition with his son for the hand of a young woman, opens today in previews as a presentation of the American Repertory Theatre at the Loeb Drama Center, 64 Brattle Street, Cambridge. Continues through June 29 with performances Friday and Saturday at 8 pm and Sunday at 2 pm & 7 pm. Tickets: \$14 to \$28. Telephone: 547-8300.

ARTS

Musical Theatre Guild's weak Forum is far from funny

A FUNNY THING HAPPENED ON THE WAY TO THE FORUM

The MIT Musical Theatre Guild.
Directed by James Lopata.
May 11-13, Sala de Puerto Rico.

By DEBBY LEVINSON

"TRAGEDY TONIGHT" would be more like it. MTG's production of *A Funny Thing Happened on the Way to the Forum* was stultifyingly amateurish: overacting and the cast's limited voices were but two of the major problems.

Forum opened inauspiciously when the orchestra's crisp horn tones quickly deteriorated into the lackluster and unfocused phrases that marked the rest of the musical program. Their intonation was poor, and their sound so unenthusiastic it seemed as though conductor Louis Toth '89 had held rehearsals underwater. While occasionally the orchestra proved to be adequate, they often overpowered the vocalists, a particularly disturbing tendency given the profusion of wrong notes played.

The actors hardly fared better. Lovesick Hero (Arthur Fuscaldo) was so appallingly wholesome and naïve he became completely unbelievable. His gestures and facial expressions were forced — his face perpetually frozen in a simpering smile — but at least his voice was passable, if lacking in strength.

The character of his prospective mate Philia (Lisa Reidhaar-Olson G) was equally insipid, resembling a cross between *Saturday Night Live's* Victoria Jackson and *I Dream of Jeannie*-era Barbara Eden. Reidhaar-Olson was as "lovely and winsome" as the script prescribed, but her acting was wooden.

Sly slave Pseudolus (Mike Pieck '92) was not nearly as manic as he should have been; like Fuscaldo's Hero, he had a grin on his face for the duration of the play. The scene in which he posed as sleazy pimp Marcus Lycus was amusing, but in most instances his performance was unre-



Lisette W. M. Lambregts/The Tech
Pseudolus (Mike Pieck '92) overlooks young lovers Hero (Arthur Fuscaldo C) and Philia (Lisa Reidhaar-Olson G).

markable. His singing voice was adequate but undistinguished.

Poor singing was also a problem for Rick Buellesbach '90, who portrayed self-aggrandizing general Miles Gloriosus. Buellesbach's voice was thin and reedy, and he clearly had not mastered the breath control necessary for effective singing: his face turned bright red as he held the final note of "Bring Me My Bride."

Of the other bit characters, only Stephen Peters '91 as the unctuous head slave Hysterium and Dan Henderson '91 as the doddering Erronius were worth watching. Henderson's periodic appearances on stage to announce his progress in his trek around Rome's seven hills — he's been assigned this task to rid his house of evil spirits — were very funny.

The staging of the musical was as weak as the acting and singing. Director James Lopata defended his change of setting from ancient Rome to 1950's Rome, New York by saying "*A Funny Thing*... commented on our own 1950's stock ideals. Today, a stock look at our own 1950's provides insight as well as entertainment." Whatever insight Lopata may have intended never came through, for the only 1950's elements of his production of *Forum* were the ersatz fur coat worn by Marcus Lycus (Nelson Sharfman '91) and Philia's poodle skirt. Period clothing, no matter how clever, is no substitute for the "insight" Lopata promises. It is also difficult to suspend one's disbelief long enough to imagine that New Yorkers of the 1950's owned slaves, mixed magic potions, and built funeral pyres to bury their dead.

Had Lopata been able to introduce some more aspects of the 1950's, perhaps his otherwise creative staging would have worked. As it stands, the staging is merely a distraction.

MTG's next musical will be *Little Shop of Horrors*, a musical with even more demanding staging but fortunately less potential for innovative production. With a full summer to rehearse, MTG has ample opportunity to correct the glaring flaws of *Forum*.

CLASSICAL MUSIC

Cellist Joyce Wong G and pianist Jee Lian Yap '91 perform Elgar's *Cello Concerto in E Minor, Op. 85* at 12:05 and violinist Tom Lee G performs at 1:05 in *Advanced Music Performance Student Recitals* in Killian Hall, MIT Hayden Library Building 14. No admission charge. Telephone: 253-2906.

*** CRITIC'S CHOICE ***
Sinfonova Chamber Orchestra and duo pianists Anthony and Joseph Paratore perform works by Strauss and Mozart at 8 pm in Jordan Hall, New England Conservatory, 30 Gainsborough Street at Huntington Avenue, Boston. Tickets: \$19 and \$25. Telephone: 938-6828.

The Opera Lab presents Purcell's *Dido and Aeneas* at 8 pm at The Church of Our Savior, 25 Monmouth Street, Brookline. Also presented May 13 and 14. Tickets: \$15 general, \$10 seniors and students. Telephone: 232-9277.

*** CRITIC'S CHOICE ***
The Kronos Quartet and soprano Dawn Upshaw perform works by Steven Mackey, John Zorn, H. M. Gorceck, and Steve Reich at 8 pm in Sanders Theatre, Harvard University, Quincy and Kirkland Streets, Cambridge. No admission charge. Telephone: 495-0583.

Suzanne Peck, soprano; Stanley Ritchie, Baroque, Classical, and modern violins; and Robert Merfeld, harpsichord, fortepiano, and modern piano, perform works by Bach, Brahms, and Mozart in a *Longy Guest Artist Series* concert at 8 pm in the Edward Pickman Concert Hall, Longy School of Music, Follen and Garden Streets, Cambridge. Tickets: \$5. Telephone: 876-0956.

The Greater Boston Youth Symphony Orchestra performs at 8:30 at the Boston University Concert Hall, 855 Commonwealth Avenue, Boston. Also presented Sunday, May 14 at 4:00. No admission charge. Telephone: 353-3345.

DANCE

Susan Rose and Danceworks perform at 8 pm in Alumni Auditorium, Ell Building, Northeastern University, Huntington Avenue, Boston. Also presented Saturday, May 13. Tickets: \$10 and \$12.50. Telephone: 437-2247.

Benita Bike's DanceArt performs works by Benita Bike, Ed Groff, Anne-Alex Packard, and Mary Lee Karlins at 8 pm at Sargent Dance Studio Theatre, Boston University, 1 University Road, Boston. Also presented Saturday, May 13. Tickets: \$9. Telephone: 899-9348.

FILM & VIDEO

MIT Film/Video presents the American premiere of *Moscow '87*, a collection of independent video works produced in the USSR, at 7 pm in Bartos Theater, MIT Media Lab, MIT Weisner Building E15. No admission charge. Tel: 253-1607.

The MIT Lecture Series Committee presents *The Lavender Hill Mob* (Charles Crichton, 1951), starring Alec Guinness, at 7:30 in 10-250 and *Black Widow* at 7:00 & 9:30 in 26-100. Admission: \$1.50. Telephone: 258-8881.

*** CRITIC'S CHOICE ***

The Brattle Theatre continues its Friday/Saturday film series *The Wild Ones*... with *The Hustler* (Robert Rossen, 1961) at 3:00 & 7:40 and *The Cincinnati Kid* (Norman Jewison, 1965) at 5:30 & 10:00. Located at 40 Brattle Street, Harvard Square, Cambridge. Tickets: \$4.75 general, \$3 seniors and children (good for the double feature). Telephone: 536-1540.

The French Library Ciné Club continues its film series *France and the Arab World* with *Belout the Last Home Movie* (Jennifer Fox, 1988) at 8 pm. Also presented May 13 and 14. Located at 53 Marlborough Street, Boston, near the Arlington T-stop on the green line. Tickets: \$3.50 general, \$2.50 Library members. Telephone: 266-4351.

Saturday, May 13

POPULAR MUSIC, ETC.

Crystal Ship, with guests Catharis and Fine Line, perform at the Channel, 25 Necco Street, near South Station in downtown Boston. Tickets: \$5.50 advance/\$6.50 at the door. Tel: 451-1905.

The Incredible Casuals, Circle Sky, and Tiny Lights perform at T.T. the Bear's, 10 Brookline Street, Cambridge, just north of MIT. Telephone: 492-0082.

Barry and Holly Tashian perform at 7:30 & 10:30 at Necco Place, 1 Necco Place, Boston. Tickets: \$6.50/\$7.50. Telephone: 426-7744.

Poi Dog Pondering, Knots and Crosses, and Hollywood Indians perform at the Rat, 528 Commonwealth Avenue, Kenmore Square, Boston. Tel: 247-8309.

The James Montgomery Band performs at Johnny D's, 17 Holland Street, Somerville, just by the Davis Square T-stop on the red line. Telephone: 776-9667.

DANCE

Choreo performs works by Peggy Brightman and Lynn Fredricksen at 8 pm at First Church, 11 Garden Street at Mason Street, Cambridge. Tickets: \$10 general, \$8 seniors and students, \$5 children. Telephone: 449-0781 or 926-3713.

FILM & VIDEO

The MIT Lecture Series Committee presents *Oliver and Company* at 3 pm, 7 pm, & 10 pm in 26-100. Admission: \$1.50. Telephone: 258-8881.

The Somerville Theatre presents *Betty Blue* (Jean-Jacques Beineix, 1986, France) at 5:45 & 10:00 and *I Heard the Mermaids Singing* (1987) at 8:00. Located at 55 Davis Square, Somerville, just by the Davis Square T-stop on the red line. Tickets: \$5. Telephone: 625-1081.

The Brattle Theatre continues its Friday/Saturday film series *The Wild Ones*... with *Five Easy Pieces* (Bob Fosse) at 3:15 & 7:40 and *Sweet Bird of Youth* (Richard Brooks, 1962) at 1:00, 5:15, & 9:40. Located at 40 Brattle Street, Harvard Square, Cambridge. Tickets: \$4.75 general, \$3 seniors and children (good for the double feature). Tel: 536-1540.

PERFORMANCE ART

No Beginning - No End, by Sherry Steiner and Robert Godin, is presented from 4 pm to 8 pm at Mobius, 354 Congress Street, Boston. Tickets: \$6. Telephone: 542-7416.

Sunday, May 14

Border Patrol performs at Johnny D's, 17 Holland Street, Somerville, just by the Davis Square T-stop on the red line. Telephone: 776-9667.

JAZZ MUSIC

Astrud Gilberto performs at 8 pm & 10 pm at Nightstage, 823 Main Street, Cambridge, just north of MIT. Also presented Monday, May 15. Tickets: \$14.50. Telephone: 497-8200.

CLASSICAL MUSIC

The MIT Brass Ensemble, The Berklee Brass, and The University of Lowell Brass perform in an *Outdoor Brass Festival* at 2 pm on Kresge Oval. No admission charge. Telephone: 253-2906.

The New England Vocal Ensemble performs works by Poulenc, Vaughan Williams, Lassus, and others at 2:30 in Killian Hall, MIT Hayden Library Building 14. Tickets: \$6. Telephone: 536-8561.

The Thelma E. Goldberg Concert features works by seven Harvard University composers, Gary Noland, David Eggar, Jun Fu, Dmitri Tymoczko, Vanessa Lann, Shu-Ching Chen, and Nicolas Waldvogel, at 3 pm in Paine Hall, Harvard University. No admission charge. Telephone: 495-0583.

The New England Conservatory Brass Ensemble performs works by Gabrieli, Handel, Bernstein, and Weill at 4 pm in Old South Church, 645 Boylston Street, Boston. No admission charge. Telephone: 536-1970.

FILM & VIDEO

The MIT Lecture Series Committee presents *Dark Star* (John Carpenter) at 8 pm in 10-250. Admission: \$1.50. Telephone: 258-8881.

*** CRITIC'S CHOICE ***
The Somerville Theatre presents *Diva* (Jean-Jacques Beineix, 1984, France) at 5:30 & 10:00 and *Dangerous Liaisons* (1988) at 3:15 & 7:45. Also presented May 15 and 16. Located at 55 Davis Square, Somerville, just by the Davis Square T-stop on the red line. Tickets: \$5. Telephone: 625-1081.

The Brattle Theatre continues its Sunday film series *Marilyn with Niagara* (Henry Hathaway, 1953) at 1:30, 4:45, & 8:00 and *Don't Bother to Knock* (Ray Baker) at 3:15, 6:30, & 9:45. Located at 40 Brattle Street, Harvard Square, Cambridge. Tickets: \$4.75 general, \$3 seniors and children (good for the double feature). Telephone: 536-1540.

COMEDY

ImprovBoston performs at 8 pm at Play it Again Sam's, 1314 Commonwealth Avenue, Brighton, on the Boston College green line. Performances continue every Sunday night. Tickets: \$5 general, \$3 students. Telephone: 576-2306.

Monday, May 15

CLASSICAL MUSIC

The New England Conservatory Symphony Orchestra performs works by Berlioz and Tchaikovsky at 8 pm in Jordan Hall, New England Conservatory, 30 Gainsborough Street at Huntington Avenue, Boston. Tickets: \$8 general, \$5 students and seniors. Telephone: 262-1120.

FILM & VIDEO

The Brattle Theatre continues its Monday film series *Jazz Beat* with *What Happened to Kerouac?* (Richard Lerner & Lewis MacAdams, 1985) at 4:45, 7:30, & 10:00 and *Pull My Daisy* (Robert Frank & Alfred Leslie, 1959) at 4:00, 6:40, & 9:20. Located at 40 Brattle Street, Harvard Square, Cambridge. Tickets: \$4.75 general, \$3 seniors and children (good for the double feature). Tel: 536-1540.

Ongoing Theater

*** CRITIC'S CHOICE ***
Arms and the Man, George Bernard Shaw's comedy poking fun at heroism, the male ego, and romantic love, continues through May 28 at the Lyric Stage Theatre, 54 Charles Street, Boston. Performances are Wednesday to Friday at 8:00, Saturday at 5:00 & 8:30, and Sunday at 3:00. Tickets: \$12.50 to \$15.50. Tel: 742-8703.

Beau Jest Moving Theater continues through May 14 at the Emerson College Mainstage, 69 Brimmer Street, Boston. Performances are Thursday-Sunday at 8 pm. Tickets: \$8 general, \$5 seniors and students. Telephone: 578-8785.

The Children of Sunset Lake, by Chuck Anastas, continues through May 14 at the New Ehrlich Theatre, 539 Tremont Street, Boston. Performances are Thursday-Friday at 8:00, Saturday at 5:00 & 8:30, and Sunday at 2:00. Tickets: \$12 to \$14. Telephone: 482-6316.

High Gear, the final production of the Boston Youth Theatre, continues through May 14 at the International Place, Oliver and High Streets, Boston. Performances are Thursday-Saturday at 8 pm and Sunday at 3 pm. Tickets: \$10 to \$15. Telephone: 451-9130.

Lakeboat, David Mamet's high seas play exploring male bonding, continues through June 3 at the Alley Theatre, 1253 Cambridge Street, Inman Square, Cambridge. Performances are Thursday-Sunday at 8 pm. Tickets: \$12 general, \$10 seniors and students. Telephone: 491-8166.

Murder at Rutherford House, the amusing audience-participation murder mystery, continues indefinitely at the Wilbur Theatre, 246 Tremont Street, Boston. Performances are Thursday-Saturday at 8 pm, matinees Saturday-Sunday at 2 pm. Tickets: \$33.50 to \$37.50 (includes dinner). Telephone: 423-4008.

Painting Churches, Tina Howe's heart-warming play about a Beacon Hill family, continues through May 14 at the New Repertory Theatre, 54 Lincoln Street, Newton Highlands. Performances are Thursday & Friday at 8:00, Saturday at 5:00 & 8:30, and Sunday at 3:00. Tickets: \$10 to \$14. Telephone: 332-1646.

*** CRITIC'S CHOICE ***

Safe Sex, Harvey Fierstein's campy follow-up to *Torch Song Trilogy*, about seeking new ways to love in the age of AIDS, continues through May 14 at the New Ehrlich Theatre, 539 Tremont Street, Boston. Performances are Thursday and Friday at 8:00, Saturday at 5:00 & 8:30, and Sunday at 2:00. Tickets: \$12 to \$14. Telephone: 482-6316.

*** CRITIC'S CHOICE ***

The Search for Intelligent Life in the Universe, starring Lily Tomlin, continues through May 14 at the Shubert Theatre, 265 Tremont Street, Boston. Performance are Thursday-Saturday at 8 pm, matinees Saturday at 2 pm and Sunday at 3 pm. Tickets: \$15 to \$37.50. Telephone: 426-4520.

Shear Madness, the long-running comic murder mystery, continues indefinitely at the Charles Playhouse, 74 Warren Street, Boston. Performances are Tuesday-Friday at 8:00, Saturday at 6:30 & 9:30 pm, and Sunday at 3:00 & 7:30 pm. Tickets: \$16 and \$19. Telephone: 426-6912.

The Tempest, a surrealistic production of Shakespeare's play, continues through May 20 at the Counterpoint Theater, 761 Harrison Avenue, Boston. Performances are Wednesday-Saturday at 8 pm, Sunday matinee at 2 pm. Tickets: \$4 to \$7. Telephone: 330-8676.

Yankee See, Yankee Do, an off-beat, irreverent look at how New Englanders act and think, continues indefinitely at the Boston Baked Theatre, 255 Elm Street, Davis Square, Somerville. Performances are Thursday-Friday at 8 pm and Saturday at 8 pm & 10:15. Tickets: \$11 to \$14. Telephone: 628-9575.

Ongoing Exhibits

ON CAMPUS

*** CRITIC'S CHOICE ***
Erik Bulatov: Paintings, works by the Soviet painter from Moscow, and James Coleman: Inspection, a slide-tape installation by the Irish artist, continue through July 2 at the List Visual Arts Center, MIT Weisner Building. Gallery hours are weekdays 12-6 and weekends 1-5. No admission charge. Telephone: 253-4680.

*** CRITIC'S CHOICE ***
Korean Paintings, oriental ink paintings by contemporary artist Chung-Shin Lee, continues through July 2 at the MIT Museum, 265 Massachusetts Avenue, Cambridge. Museum hours are Tuesday-Friday 9-5 and Saturday-Sunday 12-4. Admission: \$2 requested donation. Telephone: 253-4444.

Getting to the Surface: Mathematics of Soap Film and Soap Bubbles, computer-generated images representing the new discovery of a complete minimal surface, continues through June 11 at the MIT Museum, 265 Massachusetts Avenue, Cambridge. Gallery hours are Tuesday-Friday 9-5, Saturday-Sunday 12-4. Admission: \$2 general, free to MIT community. Telephone: 253-4444.

Graphic Madrid, 62 architectural drawings by students from the School of Architecture at the University of Madrid, continues through July 9 at the MIT Museum, 265 Massachusetts Avenue, Cambridge. Museum hours are Tuesday-Friday 9-5 and Saturday-Sunday 12-4. Admission: \$2 donation requested. Telephone: 253-4444.

An Autobiography in Form, by Beverly Pepper, part of an on-going series exploring 20th century sculpture, continues through July 2 at the List Visual Arts Center, MIT Weisner Building E15, 20 Ames Street. Gallery hours are weekdays 12-6 and weekends 1-5. No admission charge. Telephone: 253-4680.

Stopping Time, photographs, instruments, and memorabilia documenting Harold E. Edgerton's invention and use of the strobe light, continues through September 15 in the Compton Gallery, between lobbies 10 and 13. Gallery hours are weekdays 9-5. No admission charge. Telephone: 253-4444.

OFF CAMPUS

terra firma? earth watch: earth sense: earth sites, a two-part exhibition addressing ecological and environmental issues, continues through May 30 at the Boston University Art Gallery, 855 Commonwealth Avenue, Boston. Gallery hours are Monday-Friday 10-4 and Saturday-Sunday 1-5. Telephone: 353-3345.

Alumni Artworks continues through May 31 at the George Sherman Union Gallery, Boston University, 775 Commonwealth Avenue, Boston. Gallery hours are Monday-Friday 10-5. No admission charge. Telephone: 353-2224.

Daumier: An Epoch Observed, an exhibition of prints by the 19th century artist Honoré Daumier, continues through July 16 at the Museum of Fine Arts, 465 Huntington Avenue, Boston. Telephone: 267-9300.

Boston Now, works in glass and ceramic by Boston sculptors, continues through July 16 at the Institute of Contemporary Art, 955 Boylston Street, Boston. Gallery hours are Wednesday-Sunday 11-5, Thursday-Saturday 11-8. Admission: \$4 general, \$3 students, \$1.50 seniors and children, free to ICA members and MIT students. Telephone: 266-5151.

To The Limit continues through October 22 at the Mugar Omni Theater, Boston Museum of Science, Science Park, Boston. Screenings are Tuesday-Sunday 11 am, 1, 2, 3, 7, 8 pm, and Saturday-Sunday 4, 5, 6 pm. Admission: \$6 general, \$4 seniors and children. Telephone: 589-0100.

Upcoming Events

The Ramones at the Channel on May 26. Rod Stewart at Great Woods on May 28 and 29. Mark Morris at the Majestic Theatre, June 6 to 11. Neil Young at Great Woods on June 10. Miles Davis at the Opera House on June 21. Sarah Vaughan, The Dave Brubeck Quartet, and Bradford Marsalis at Great Woods on June 24. Stevie Ray Vaughan at Great Woods on June 25. The Who at Sullivan Stadium on July 12. Bob Dylan at Great Woods on July 13. The Velvet Femmes at Great Woods on July 17. Elvis Costello at Great Woods on August 18.

Banchetto's spritely but not always deep Magic Flute

THE MAGIC FLUTE

By Mozart.

First American performances on original instruments, in a concert version by Banchetto Musicale, Martin Pearlman, conductor.

Jordan Hall, May 5 & 6.

By JONATHAN RICHMOND

HERE WERE MANY GOOD THINGS about Banchetto Musicale's first American original instruments performance of *The Magic Flute* (the first British original instruments version was presented by Roger Norrington and the London Classical Players in January.)

There were also moments of greatness, most notably during the singing of *Ach ich fühl's* by Sharon Baker, for it was at this point that the audience became one with the performer. This is an aria of pain, in

which Pamina fears that Tamino — bound to silence as one of his trials — has deserted her. Baker's singing had an endearing unpretentiousness, but a heart-piercing directness.

Feelings of sorrow and suffering were communicated with a ravishing vocal sweetness, and consummated by the softly-characterful bassoon and oboe. Christopher Krueger's gentle, woody-sounding period flute provided a quintessentially Mozartean sad, but spiritually uplifting, balm. String playing was strong here, too.

This aria made the strongest case for an original instruments presentation, for Pearlman masterfully allowed the individual well-differentiated orchestral voices to sing most characterfully, but drew the orchestra together into a sublime unity.

As the aria progresses, Pamina turns to B-flat major to recall earlier happiness, making the plunge back to the soul-searching depths of Mozart's most intimate key — G minor — all the more arresting. Baker's evocation here of Pamina's contemplation of death — "so wird Ruhe, so wird Ruh' im Tode sein," — was done with a frightening seriousness, yet a transcending beauty.



If Baker's singing clearly topped the list for profundity, Sanford Sylvan — as Papageno, Mozart's evocation of the godly-in-the-human, as against Tamino's human-in-the-godly — showed the greatest appreciation for the beauty of the words he was singing. There were elements of the Fischer-Dieskau both in his clarity of articulation and in the illumination of meaning resulting from his diction and phrasing. His voice, moreover, had a fullness and glow to it, which facilitated a joyous and touching characterization.

Although *Der Vogelfänger bin ich ja* was on the heavy side (and with Pearlman taking surprisingly relaxed tempi, given his brisk approach to the opera as a whole), *Ein Mädchen oder Weibchen* was delightful.

The *Papagena! Papagena!* aria was moving. There is special meaning to this aria, for Papageno refers to Papagena as

his "*Herzensweibchen*," (beloved little wife), Mozart's term of endearment for his own wife, Constanze. Sylvan communicated a sense of longing, of youthful sexuality in need of requiting. When Papageno finally gets his Papagena (Lynn Torgove), Sylvan and Torgove cooed lovingly with an uplifting innocence.

Frank Kelley generally sang fluently, although not always with tonal purity — he sounded forced at times — and was ultimately disappointing as Tamino. His *Dies Bildnis ist bezaubernd schön* was certainly sung nicely enough, but lacked sensuality. Although towards the end — in duet with Baker's Tamina — Kelley did become more involved, he remained distant for much of the evening, and his portrayal of Tamino only rarely departed from superficiality.

Listening to Sylvan's Papageno, it seemed that he would have been better suited than Kelley to portraying the sense of both purpose and spiritual serenity essential to the role of Tamino.

Darnelle Scarbrough, Marilyn Bulli and Pamela Dellal sang the Three Ladies of the Queen of the Night, and they were great. Deliciously lustful at the sight of



Mozart

was not of a consistently high quality. There were, moreover, a few problems of transition. In particular, there was a loss of drama associated with the Act II entrance of the Queen of the Night, as compared to the traditional version.

The chorus sang strongly. But despite several passages of pure musical magic, Banchetto's orchestral performance did not consistently operate at a deep Mozartean level. The sounds were certainly spritely; this was a fresh account. Yet, overall, Pearlman's was not a great interpretation, doing too little to offer insight into the symbolic and humanitarian aspects of the opera.

Too much attention was paid to the sonic quality, too little to the message those sounds should convey. Recalling the greatness of this production's *Ach ich fühl's*, one can only speculate on the wonders Pearlman might have wrought with a more mature conception of the score as a whole.

Yet, if this performance failed to set new standards, it was highly enjoyable nonetheless. Mozart operates — and can reach us — on many different levels. Although one would have liked an account on the deep levels of Tamino and Sarastro as well, Pearlman brought us a *Magic Flute* which was mostly from the less rarefied vantage point of Papageno. And, if Mozart cast Papageno after the feelings of his own heart, in the grand scheme of things, that is valid, too.



An early design for Papageno

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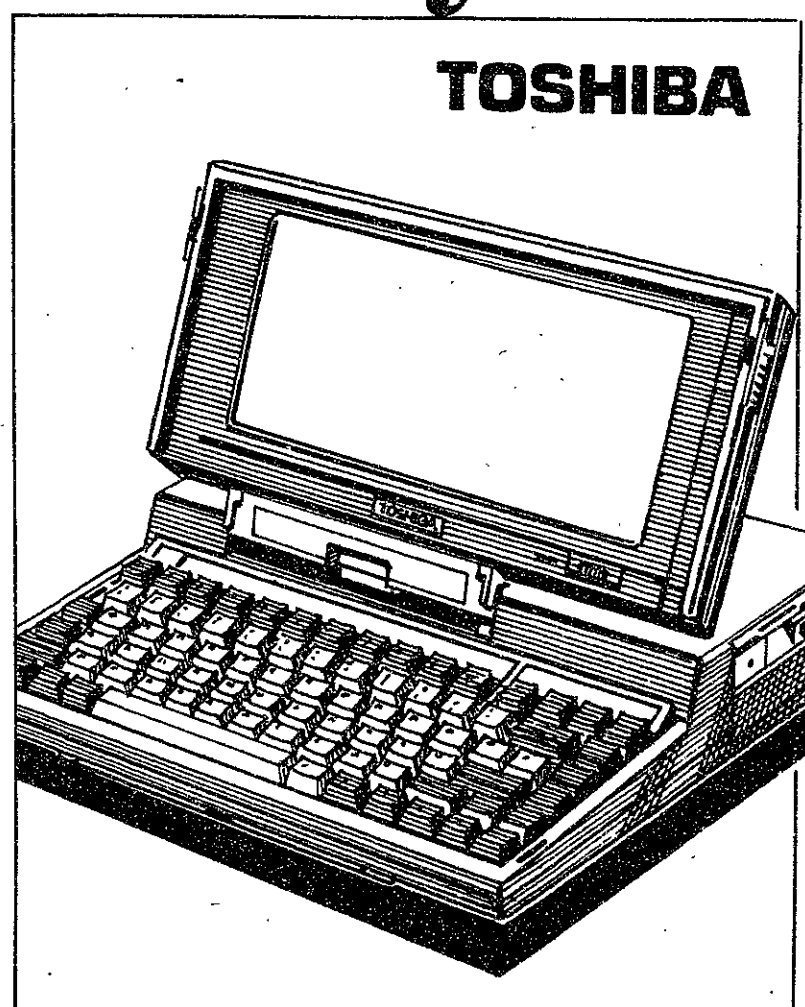
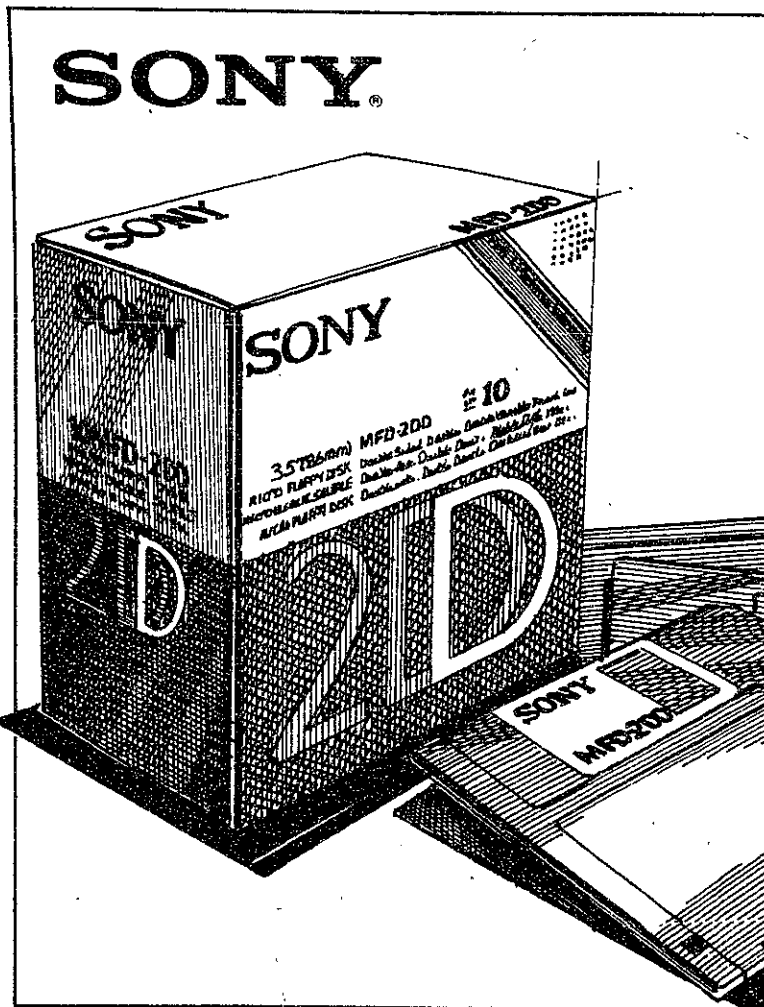
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ARTS

Deepest levels of musical experience touched in Killian Hall



Jonathan Richmond/The Tech

Chung-Pei Ma, Joyce Wong, and Jee-Lian Yap

MIT CHAMBER MUSIC SOCIETY
Works by Beethoven, Saint-Saëns and Shostakovich.
Killian Hall, May 8.

KENNETH GOODSON

Baritone, Senior recital,
With Laura Dahl, piano.
Works by Durante, Donizetti,
Schubert, Fauré and Ravel.

By JONATHAN RICHMOND

ONLY RARELY is there a concert performance which leaves one quite helpless with astonishment; that touches the deepest levels of musical experience; which is rich with pungent emotional flavor; that has a completely natural sense of chamber ensemble; which is a joyous and renewing experience, at once intimately human and spiritually sublime.

Such a performance greeted the lucky audience who heard Chung-Pei Ma G, Joyce Wong G and Jee-Lian Yap '90 in Shostakovich's *Trio for Violin, Cello and Piano*, Op. 67 at the conclusion of yesterday afternoon's Killian Hall concert by the MIT Chamber Music Society. There was no need to attend to the technical level of performance: it was so accomplished, one heard only the musical message that technique exists to transmit. And that message overwhelmed the imagination.

Chung-Pei Ma's violin tone, rich and warm, was wondrous as it glided as on silk, yet colored the music with fantastic hues and inflected it with bold character.

Joyce Wong drew very intense, beautiful sounds from her cello. She dramatically launched into the concerto, her instrument seeming to mimic a disembodied voice; she then proceeded to show great versatility at image painting and in building powerful crescendos. Wong showed boldness in her attack, but also a mature sympathy for the impassioned inner-world of Shostakovich's composition.

Jee-Lian Yap played the piano with great precision and, more importantly, with a subtlety which showed her depth of understanding of the work. Her rapport with the two string players was, moreover, magical, heightening the rapture of a brilliant performance.

Details were continually exposed, to be appreciated contemplatively, but also with great enjoyment. Yet nothing was forced.

After the vigor of the *Allegro con brio* — a surprise in its every phrase — the solemnity of Yap's piano opening of the *Largo* was particularly striking. The tenderness of Ma's violin playing here was ravishing, the intensity of Wong's line of tone shattering. Tempi were just right in a reading of the movement which was taut, but never rushed.

The last movement was a thriller. With rhythmically exciting playing, the trio evoked a peasant earthiness, but explored themes of darkness, too. The piece ended amid waves of pure musical joy. This was an encounter with music of a profundity not often heard on the professional stage, let alone at a university. The musicians and their coach — David Deveau — deserve to be quite proud. Their audience was deeply moved and refreshed.

Flutist Brigitte Pak '91, also put in a re-

markable performance yesterday afternoon, in Beethoven's *Serenade for Flute, Violin and Viola in D*, Op. 25. Her fingering was fleet and her sound enchanting in a performance of freshness and light. Alert and effervescent, Pak showed a penchant for illuminating tonal coloration, as well.

Tim Hsu '90 and Alice Lin '89 on violin and viola respectively made a brave effort in this piece, and played several passages with panache. They were out of their depth too much of the time, however, and did not establish a close musical relationship with Pak.

Trombonist Kenneth Simons '90 seemed uncomfortable in the *Allegro fugato* from Beethoven's *Sonata 5*, Op. 102, No. 2 — it sounded rough — but was expressive in the *Cavatine*, Op. 144 by Saint-Saëns, playing some particularly difficult passages with sensitivity. Ella Atkins G provided a pleasant piano accompaniment.

KENNETH GOODSON '89 may be graduating this year with a degree in mechanical engineering, as well as one in music, but he has spent a summer studying German *Lied* with such greats as Elly Ameling, Walter Berry, Ernst Haefliger and Hans Hotter at the 1988 Franz Schubert Institute near Vienna, and approaches his work with all the fervor of a professional. His voice is strong, and it is flexible too. But he must avoid over-extending it, if he is to have the distinguished career as a singer which he deserves.

Last night's recital began with Durante's *Danza, danza fanciulla gentile* and *Bella*

Ax's romance with lyricism shines through in Brahms

EMANUEL AX

Piano recital,
Works of Beethoven, Schoenberg,
Liszt and Brahms.
Symphony Hall, May 5
Presented by the Wang Celebrity Series.
Event in The Tech Performing Arts Series.

By JONATHAN RICHMOND

EMANUEL AX likes the Steinway because of its predisposition to sing. His romance with lyricism came freshly through in his performance of Brahms' *Sonata No. 3 in F*, the great success of his Symphony Hall recital last Friday.

The second movement was the most overwhelming: Ax's fingers coasted across the keyboard, creating a transfixing legato with a gossamer touch. The approach was delicate in a refined way, but there was no lack of sensuality. Contrasts were drawn with much imagination.

The concerto began with much heroic bravura; the concluding movement was intensely performed and highly animated, its ending celebrated in a display of rich coloration.

The first work on the concert had been Beethoven's *Sonata No. 15 in D*, Op. 28, "Pastorale," and Ax also performed this music with an appreciation for the inner beauty of the work. His approach here, however, was over-romanticized, and the result was on the slushy side. Many notes were buried in his tone; they should have

been more sharply defined. There was a brief passage in the final movement, nonetheless, where Ax's dark playing made the music quite larger than life.

Ax brought out the complexities of Schoenberg's *Six Little Pieces*, Op. 19, and found poetry in Liszt's *Tre Sonetti del Petrarca* from *Années de Pèlerinage*.

There were many good points to the seven songs Goodson sang from Schubert's *Die Schöne Müllerin*. Foremost, he has a feel for the German language and for its meaning. Secondly, he has a sense for the dramatic world of *Lied*. Thus *Das Wandern* began with a sense of breathless wonder, and was sung ebulliently. The questioning central to *Wohin?* was also nicely brought out. *Ungehduld* was characterful, too.

There were, however, signs of strain at many points during the Schubert performance, and several missed notes. His singing was also, at times, overly aggressive, sometimes to the point of being unpleasant. I have heard Goodson sing German better, and this looks like a case of nerves; quite understandable, given the massive challenge of this extremely ambitious program.

Goodson came back after intermission seeming much more relaxed, and provided strong accounts of four songs by Fauré and *Don Quichotte à Dulcinée* by Ravel. Fauré's *Claire de Lune* was gently and romantically sung; *Prison* and *Mandoline* were both sensitively expressed, and with a touch of the sensual.

The Ravel was the hit of the evening, with Goodson showing his abilities at coloration and expression. His pronunciation of the words "O Dulcinée" was full of dreamy passion; quite alluringly beautiful.



Jonathan Richmond/The Tech

Kenneth Goodson

Laura Dahl, who will study and perform with Goodson as a duo with Martin Isepp at the Banff Centre Academy of Singing in Alberta, Canada this summer, provided strong accompaniments throughout the evening.

An encore, *Some Enchanted Evening*, brought the program to a pleasant close.

The Tech Performing Arts Series presents. . .

SINFONOVA MOZART CONCERT

Sinfonova specializes in particularly ravishing performances of Mozart; so don't miss this concert, which includes Mozart's *Concerto for Two Pianos in E flat*, with soloists Anthony and Joseph Paratore, and Mozart's *Symphony No. 41, "Jupiter."* Also on the program is Ernest Bloch's *Concerto Grosso for String Orchestra and Piano Obligato*.

Jordan Hall at New England Conservatory, May 12 at 8 pm.

MIT price: \$6 (reduced from \$19).

PRO ARTE CHAMBER ORCHESTRA

Principal Guest Conductor Gunther Schuller will lead the Pro Arte Chamber Orchestra in a revival of John Knowles Paine's "lost" oratorio *St. Peter*.

Sanders Theater at Harvard University, May 21 at 3 pm.

MIT price: \$6 (reduced from \$14).

Tickets are on sale at the Technology Community Association,
W20-450 in the Student Center. Office hours posted on the door.
Call x3-4885 for further information.

The Tech Performing Arts Series, a service for the entire MIT community,
from The Tech, MIT's student newspaper,
in conjunction with the Technology Community Association,
MIT's student community service organization.

Deuxième Année: *Italie*, Nos. 47, 104 & 123. Ax's special way with softer passages was particularly illuminating here.

Listz's *Concert Paraphrase on Verdi's Rigoletto* was done nicely and with good humor; it would, however, have benefited from a more lively performance. A Chopin *Mazurka*, given as an encore, worked particularly well.

Ax brought out the complexities of Schoenberg's *Six Little Pieces*, Op. 19, and found poetry in Liszt's *Tre Sonetti del Petrarca* from *Années de Pèlerinage*.



Emanuel Ax

Lack of energy afflicts 'til tuesday Spring Weekend concert

'til tuesday
May 5 at the Johnson
Athletic Center.

By ALFRED ARMENDARIZ
and PETER PARNASSA

IN A SHOW THAT PROVED TO BE A mixture of two different styles, 'til tuesday performed at the Johnson Athletic Center for MIT's annual Spring Weekend concert.

The band played the first half of the show on acoustic instruments, weakening the electricity that the songs have on the band's records. Aimee Mann's excellent voice prevented the first half from becoming dull or predictable, but she seemed to be the only one on stage trying to connect with the crowd. The band, though talented and humorous to watch, perhaps should have concentrated less on jokes and more on music. As the show progressed, the band loosened up, turned up the volume on their instruments, and chose more appealing songs. The second half showed that the band can really rock when it wants to — I only wish that they had done so sooner.

Mann opened the show with two new songs which she performed on an acoustic guitar. She was accompanied by a member of the opening act on piano and pan flute. The rest of 'til tuesday joined her on stage for a gentle, acoustic rendition of "(Believed You Were) Lucky" from their most recent album *Everything's Different Now*. "Will She Just Fall Down" lost some of the energy that it had on *Welcome Home* as the band tried a little too hard not to get in the way of Mann's voice. They then played a mixture of new and old with "J for Jules" and their latest single "Rip In Heaven" (both from the current album) and "Coming Up Close" and "Have Mercy" from *Welcome Home*.

"The Other End (of the Telescope)," a song written by Mann and Elvis Costello, lacked fire when performed live even though it is perhaps the best and most moving song off of their new album. De-

spite this misstep, 'til tuesday gave the crowd a taste of what was to come with an intense version of their hit "Voices Carry" to close the first half.

The show changed dramatically with the first of their four encores. The crowd came alive and really began to cheer when the band turned up both volume and tem-

po for "What About Love" and "Everything's Different Now." They used their new-found energy in playing some great cover versions, including the Hoodoo Gurus' "Death Defying".

With the energy 'til tuesday displayed during the second half of the show, one can only wonder why they played so timid-

ly at the beginning. The band should have chosen a better selection of songs to open the show instead of relying solely on Aimee Mann's voice to pull them through. Had the band opened the show with the intensity they displayed in the second half, MIT would have heard a truly excellent show, not just half of one.



Michael Hausman and Aimee Mann of the rock group 'til tuesday.

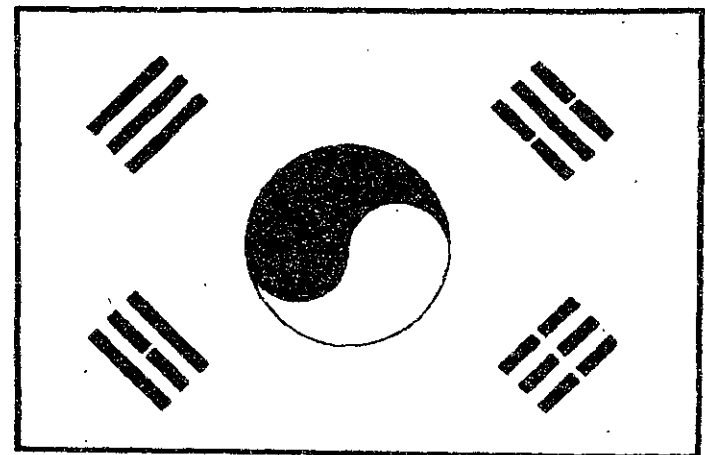
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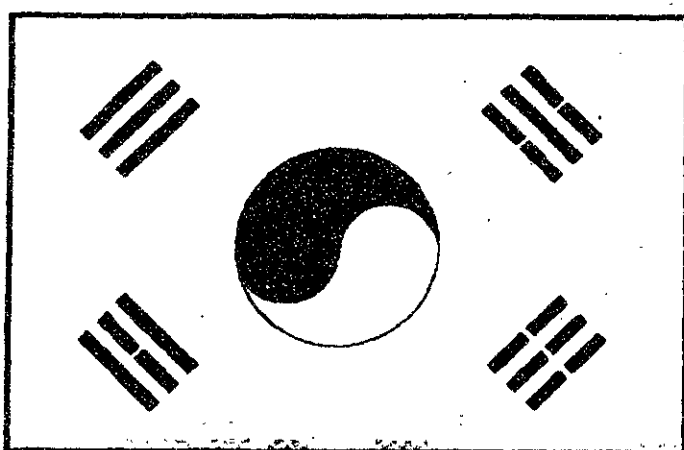
Saturday, May 13
Kresge Oval
2:00 pm - 5:00 pm

Korean Tea Ceremony
Korean Wedding Ceremony



Tuesday, May 16
Killian Hall
(Next to Science Library)
8:00 pm

Lecture on Korean Tea Tradition



May 16 to June 3
MIT Museum

Exhibition of Korean tea pottery
Paintings of C.S. Lee

ARTS

Claude Chabrol's homage to Hitchcock better than most

LE CRI DU HIBOU

[THE CRY OF THE OWL]

Directed by Claude Chabrol.
Screenplay by Claude Chabrol
and Odile Barski.

Based on the novel by Patricia Highsmith.

Starring Christophe Malavoy
and Mathilda May.

Plays Thursday and Friday, at 5:30
and 7:30pm, at the Museum of Fine Arts.

By MANAVENDRA K. THAKUR

ONE HALLMARK OF French New Wave filmmakers is that almost all of them looked to American films for inspiration. Alfred Hitchcock, an immigrant from his native Britain, was a favorite director of the New Wave filmmakers. Claude Chabrol is somewhat lesser-known than his New Wave contemporaries, but his films have been influenced by Hitchcock's work to the point that some critics view Chabrol's body of work as one extended homage to Hitchcock. The line between paying homage and stealing ideas is at times indistin-

guishable, but Chabrol successfully demonstrates in his 1987 film *Le Cri du hibou* ("The Cry of the Owl") that he has more imagination than the small-minded Hitchcock imitators like Adrian Lyne and Brian De Palma.

Based on the novel by Patricia Highsmith, the film tells the story of a man named Robert (Christophe Malavoy) who has moved from Paris to Vichy during his divorce proceedings. While drawing owl illustrations for scientific textbooks, Robert spies on a young woman named Juliette (Mathilda May). Juliette senses that someone is watching her, but she conquers her fears when she confronts Robert. She soon begins to push aside her fiancé Patrick to pursue Robert, who retreats from her advances after Patrick angrily threatens him. The resulting conflict among the three lovers eventually leads to mysterious gunshots fired in the dark, an apparent murder, a definite suicide, and a furious climax.

The plot summary shows that the film could easily have degenerated into a slash-er film, an absurd romantic-triangle come-

dy, or perhaps a violent melodrama. Fortunately, Chabrol does not permit this to happen; rather, he creates a fascinating if unrevealing subtext that keeps casting an ever so slight doubt on the sanity of the characters, and Robert in particular.

Like Hitchcock, Chabrol understands that creating suspense is more effective than shocking viewers, and so Robert reveals early on that he once had a nervous breakdown and pointed a loaded shotgun at his sleeping wife. This creates an eerie tension because Robert currently acts the way most rational people would: he goes to the police after Patrick physically attacks him and cooperates fully when the police subsequently investigate Patrick's supposed death. Christophe Malavoy's restrained, almost detached, acting is particularly instrumental in convincing the audience that Robert has recovered from his breakdown.

At the same time, Chabrol infuses his film with a visual motif consisting of three components, all of which are based on owl iconography. The basic goal of all three components is to create a gnawing sense that Robert's mental balance is an unstable one. The first way Chabrol does this is to show Robert working in rooms with large pictures of beady-eyed and sharp-beaked owls on the wall — a rather unusual, if not particularly informative, choice.

Secondly, Chabrol adds the hooting of an unseen owl onto the soundtrack in the opening and closing sequences of the film. In both sequences, characters (Juliette in the first, Robert in the last) make an important, dangerous, and irrevocable choice. The owl hoots highlight a key difference between Juliette's decision and Robert's. The effect during the opening scenes is more or less casual and routine. The owl hoots at the film's end, however, help make the climax much more dramatic: Robert makes his choice, the film pauses on a shattering freeze-frame, four or five owl hoots are heard, and the film fades to black.

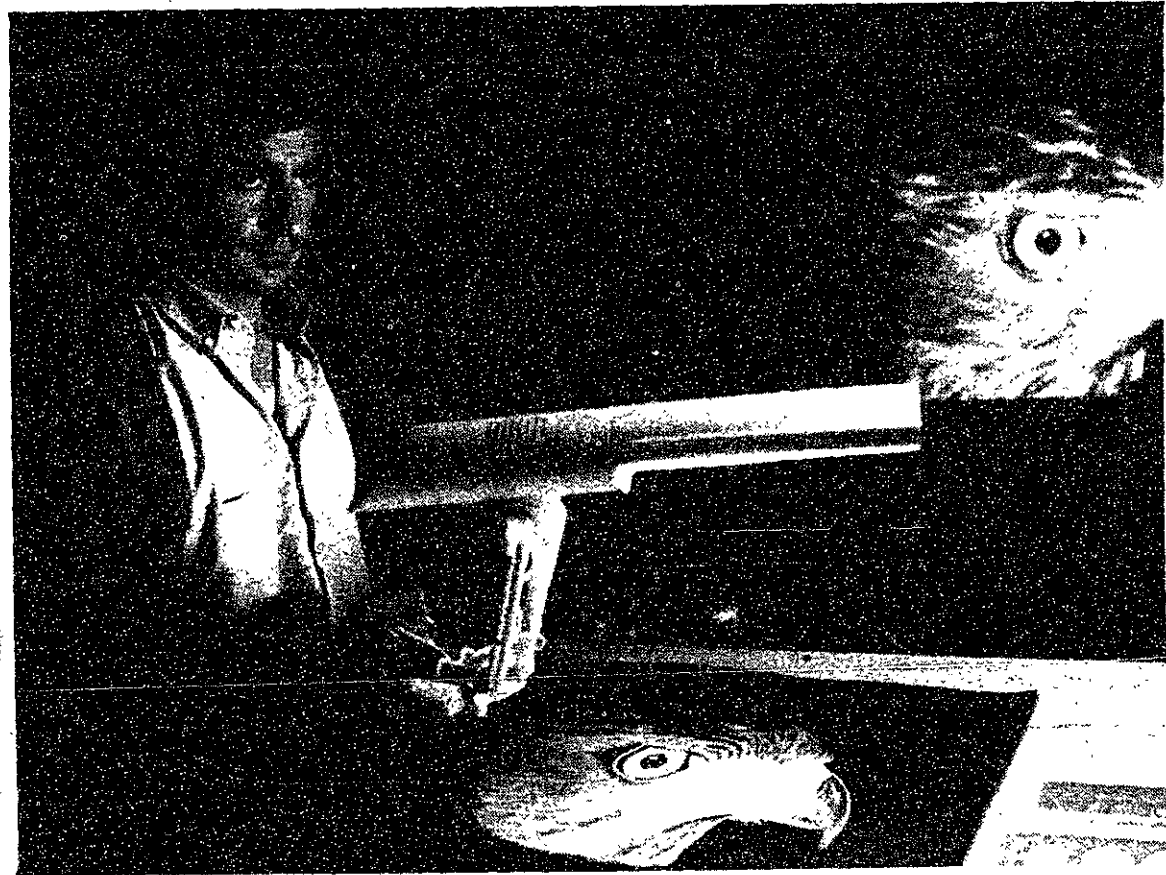
The third component of Chabrol's visual motif consists of *mise en scene* based on the perspective of an owl. Owls have to move their entire head (which can rotate a full 360 degrees) if they want to look in a

different direction, and they tend to stare without blinking for large periods of time. Chabrol translates these facts into unusual shot compositions and camera movements. For example, Chabrol shows characters engaged in conversation with typical over-the-shoulder shots. However, he tends to hold to a single perspective without switching back and forth between speakers, thereby evoking an owl's stern and penetrating gaze. On at least one occasion, Chabrol includes a tracking shot that duplicates the likely flight trajectory of an owl: the camera flies into the air from a tree and comes to rest beside a dead body lying in a field of grass.

Clearly, Chabrol's owl imagery / mental stability metaphor is elaborately constructed, and it is by far the single most interesting element of the film — which is, paradoxically, its fundamental problem. As a whole, the film is not very satisfying precisely because the motif has been thoroughly relegated to the background. The motif is effective enough to raise the film above the usual psychological thriller, but it is not sufficient in and of itself to raise the film's impact to that of Hitchcock's *Vertigo* (1958) or *Psycho* (1960).

What's worse is that Chabrol ends the film just as the motif finally begins to break into the foreground. Certainly, Chabrol's ending does avoid the silly and pat restoration of the moral order that concludes so many Hitchcock films. However, Chabrol offers nothing better instead; the film simply ends. Consequently, the film would work well as a prequel to a future thriller, but the film is more problematic on its own.

Chabrol is more successful in emulating a Hitchcockian psychological thriller, since his film is definitely more noteworthy than junk thrillers like *Fatal Attraction* and *Body Double*. Having made *Le Cri du hibou*, Chabrol can rest easy knowing that he has built on the strengths of Hitchcock's work while avoiding Hitchcock's worst excesses. Of all the filmmakers who have followed in Hitchcock's footsteps, Chabrol is the one who has come closest to improving the original.



Christophe Malavoy stars as Robert in Claude Chabrol's psychological thriller *Le Cri du hibou* ("The Cry of the Owl").

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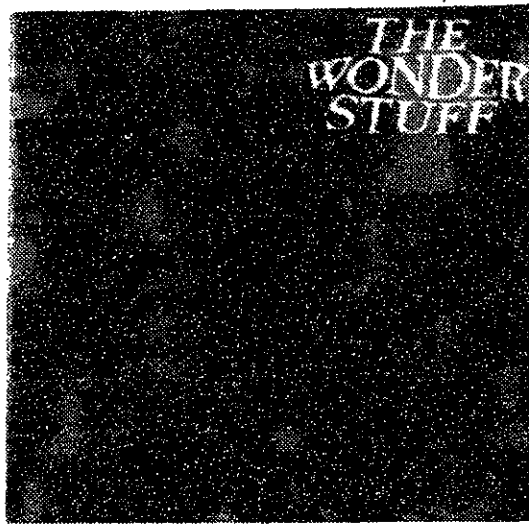
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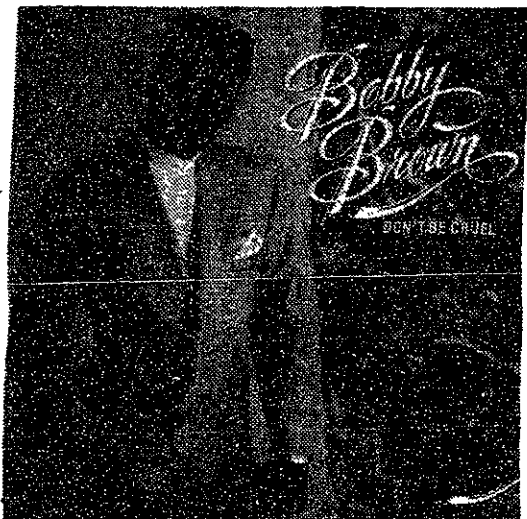
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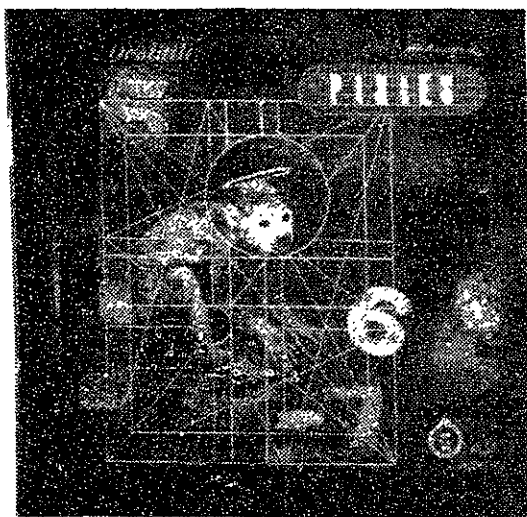
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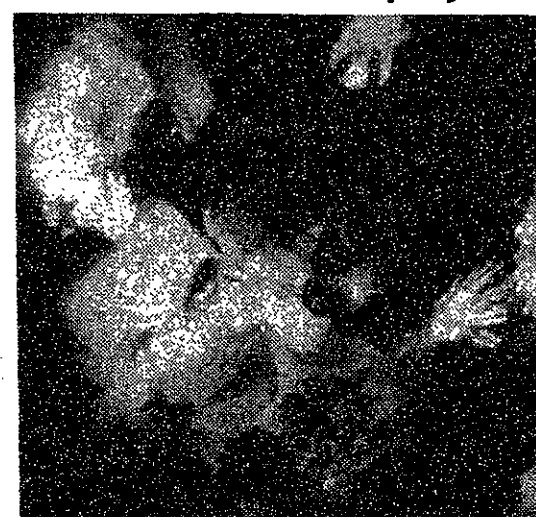
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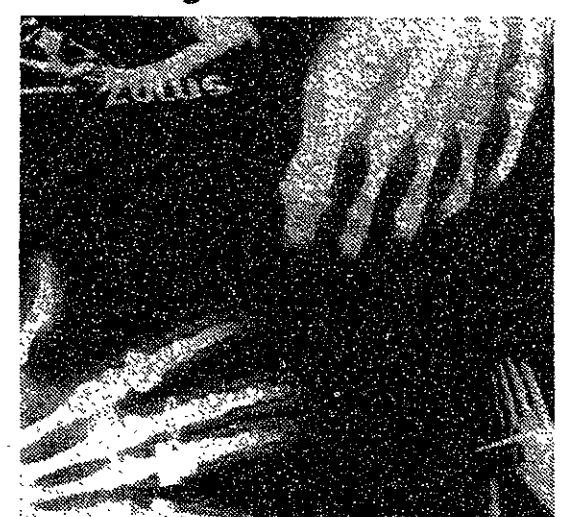
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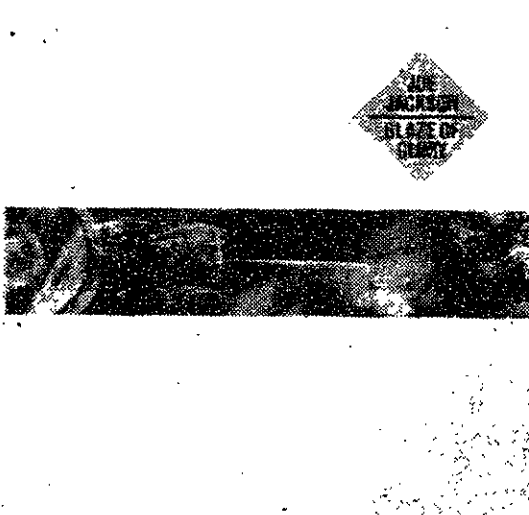
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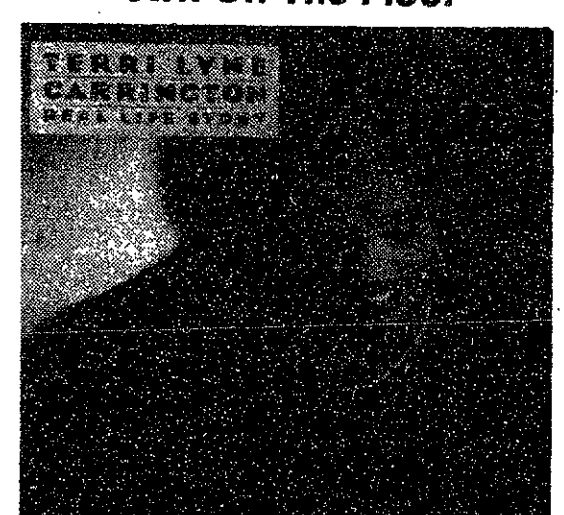
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Opera Lab premieres a modernized Dido and Aeneas

PURCELL'S DIDO AND AENEAS

The Opera Lab.

At The Church of Our Saviour.

25 Monmouth St., Brookline.

Remaining performances May 12 and 13 at 8:00, May 14 at 3:00.

By DAVID M. J. SASLAV

IN ITS PREMIERE PRODUCTION, the Opera Lab company has positioned itself squarely and pleasingly in the realm of the *avant garde*. By casting a performance of the baroque opera *Dido and Aeneas* in a mental hospital, with the principal characters being patients under the delusion that they are Dido and Aeneas, director Craig Wich displays an amazing interpretive agility. While Purcell never knew what a "boardroom meeting" was, Wich does — and one result is a remarkably chilling transformation of the standard Greek chorus into a body of disinterested corporate observers.

The transformations, however, do not end there. Dido's confidantes, Belinda and the Second Woman, are here a clinical psychotherapist and a wet nurse. Both play their roles by humoring the troubled "Dido." It's clear from their expressions that both have given up trying to bring the patient back to reality and have resigned themselves to keeping her happy by playing along with her fantasies. Beldam the Sorceress becomes a striptease dancer, and Cupid's arrow becomes a hypodermic syringe, and the sailors become hospital orderlies, bent on having a good time as they work.

To be sure, the analogy is at times strained. The numerous roles required by the chorus constrain their ability to don new costumes, and so we find the Sorceress' trusty spirits wearing much the same garb as the detached boardroom chorus. Aeneas' departure, sparked by an ostensibly imaginary voice in his head, is preceded by a physical cure of miraculous proportions. And Dido's death of a broken heart in the end seems to have no modern grounding whatsoever.

But these are not major detractions, surely. The intimacy of the audience seating (fewer than forty chairs, arranged in four long columns emanating from the stage), some spectacular lighting and choreography, and wonderful singing from the principals are more than enough to overcome these problems. The chorus could

certainly use a conductor in order to synchronize better with the three instrumentalists (and themselves, as well), but the staging prohibited the placement of a centralized "director."

Finally, the singing itself is impeccable. Of particular distinction are Amelia

Broome as Belinda, Kathryn Carlson in the title role of Dido, and Hamutal Lulav as the Sorceress. Nearly everyone who opened their mouths to sing had to do so from outrageous postures and during strenuous movement; the control and focus necessary to pull off such vocal pro-

duction is monumental. And the insight and interpretive ability required to put on this kind of dramatic production are unique. Craig Wich has assembled an unforgettable *Dido* which should be seen by far more people than the limited seating will allow.

Little Vera provides glimpse of typical Soviet home life

LITTLE VERA

Directed by Vasily Pichul.

Starring Natalya Negoda, Andrei Sokolov, and Ludmila Zaitzeva.

Russian with English subtitles.

At the Nickelodeon and Janus Theatres.

By JOANNA STONE

LITTLE VERA IS A FIRST for the Soviet Union and has captured the enthusiasm of millions of Soviet movie-goers, largely for its unprecedented and erotic love scenes. *Little Vera*, however, is not an openly erotic movie; its sexual scenes are merely a peek through a keyhole into the forbidden. And this is perhaps how the American audience will view *Little Vera* — a peek into the once-forbidden Soviet society, a first-time view of daily life in the USSR.

Little Vera is a coming-of-age film centered around Vera's relationship with her family and her tumultuous affair with a good-looking but egocentric college student. This hunk, Sergio (Andrei Sokolov), after deciding that he and Vera shall be wed, moves into her humble home. Sergio's disdain for Vera's parents soon becomes mutual, resulting in a progressively more belligerent atmosphere. Vera eventually confides to her best friend Lena that she is completely miserable in what should be "the happiest time of her life." When Lena shares a stress-reducing yoga exercise learned from her boyfriend, the two fall to the floor and laugh with a single "Ha!"

Little Vera is a movie about misery. It takes us to the depths of deprivation and anguish with such realism that it makes the audience feel as if it were reading the diary of a recent suicide. We are tempted to close the diary quickly, but the film goes on. The characters slowly lose all hope until the film contains not a glimmer of optimism, but the film goes on still.

A dingy kitchen and a vodka bottle are

the center of most of *Little Vera*, with regular excursions to the bedroom of Vera's lover. Vera is well played by Natalya Negoda, whose beautiful body and somewhat grating voice make her at once sensuous and irritating. With blond-streaked hair, cigarettes, and a promiscuous manner of behavior, Vera represents the rebellious Soviet youth. Vera struggles throughout the movie to overcome her mundane surroundings and banal existence, but to no avail.

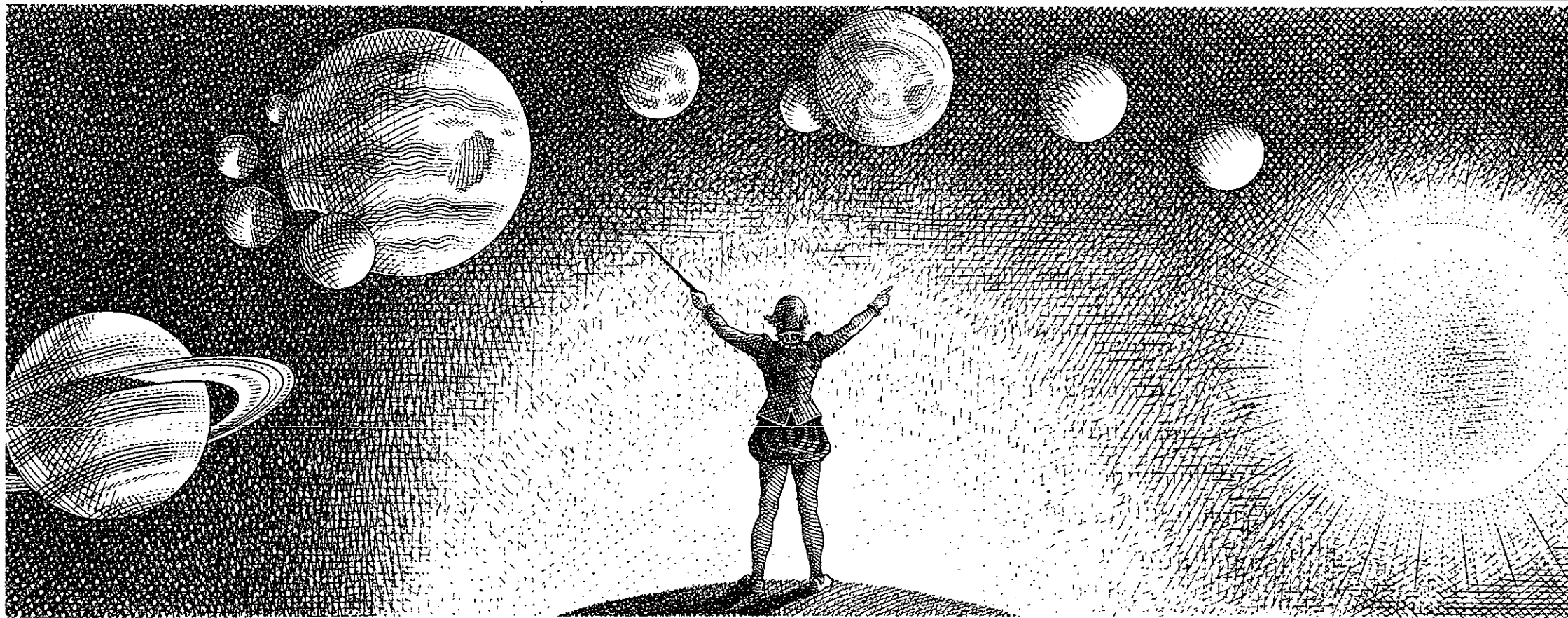
Although *Little Vera* takes place in the Soviet Union, the moral of the film is foreign only to the extent that Americans (and Hollywood films) seem to pride themselves on a constant glimmer of hope.

The misery, however, is universal. It is not until half-way through the film, when Vera says to Sergio, "We have a common goal . . . communism," that we are forced to remember that we are dealing with the Soviet Union and not just any desolate place.

Perhaps the most striking moment of the film occurs when Vera learns that she was not a "wanted" child. Why didn't her parents abort the pregnancy? The answer is not the one Americans would expect: Vera was born so that her father could get the larger apartment he wanted. This situation is typical of the film — it provides American viewers with a characteristic slice of life in the Soviet Union.



Natalya Negoda and Andrei Sokolov in a steamy scene from *Little Vera*.



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notices

Listings

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

Tuesday, May 9

The Department of Electrical Engineering and Computer Science has scheduled a meeting for Course VI Juniors to discuss admission to Graduate School, Graduate Financial Aid and Employment prospects. The meeting will be Tuesday, May 9 at 4 pm in Ropom 34-101. For more information, call x3-4603.

The New England Environmental Career Fair '89 will be held in the Hynes Convention Center on May 9, 10, and 11. Information is available from the New England Environmental Career Fair '89 by writing them at P.O. Box 2179, Attleboro, MA, 02703 or by calling (508) 222-2254.

Wednesday, May 10

There will be a lecture entitled "JFK: Education of a President" on Wednesday, May 10 from 8-9 am at the Massachusetts Archives building off Morrissey Blvd., Dorchester.

Friday, May 12

Dr. Harold Edgerton will give a lecture entitled "Sonar Experiences" on Friday, May 12 at 4 pm in Room 5-314. The lecture is presented by the Department of Ocean Engineering.

Sunday, May 14

Nafez Assaily and Amos Gvirtz will speak on "Nonviolence in the Midst of War: Civil Disobedience in the Struggle for Palestinian-Israeli Peace." The discussion will be held on Sunday, May 14 from 6:30-8:30 pm in Room 66-110. A \$3 donation is suggested. For more information, call (617) 354-0008.

Monday, May 15

Robert S. McNamara will give a lecture entitled "Can We End The Cold War? Should We Try?" on Monday, May 15 from 7:45-10 pm at the Sanders Theater, Harvard University, at the corner of Quincy and Kirkland Streets. For more information, call (617) 497-1553.

Wednesday, May 17

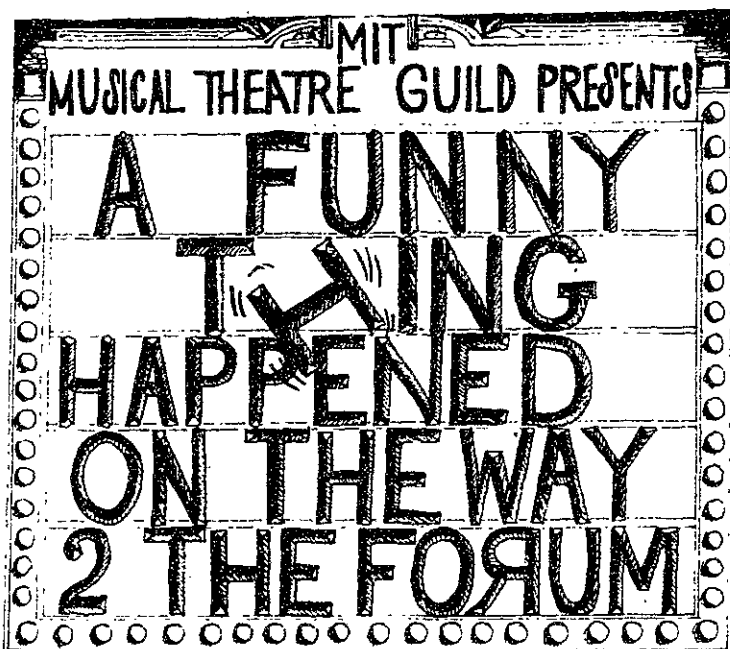
Paula Gould, Secretary of Consumer Affairs and Business Regulation, will speak on "Bridging the Gap: Consumer Protection with a Health Respect for Business" on Wednesday, May 17 from 8-9 am at the Massachusetts Archives building off Morrissey Blvd., Dorchester.

Saturday, May 20

The Mobilization for Survival will have a crash course on the US and the Israeli-Palestinian conflict. The course will be Saturday, May 20 from 10 am-2 pm at the Central Square Library in Cambridge, 45 Pearl Street. For more information, call (617) 354-0008.

Monday, May 22

There will be a discussion on Breast Reconstruction offered by the Beth Israel Hospital. A plastic surgeon and patients will lead the presentation on Monday, May 22 at 7 pm in the Grossman Conference Center at Beth Israel. For more information, call (617) 735-4431.



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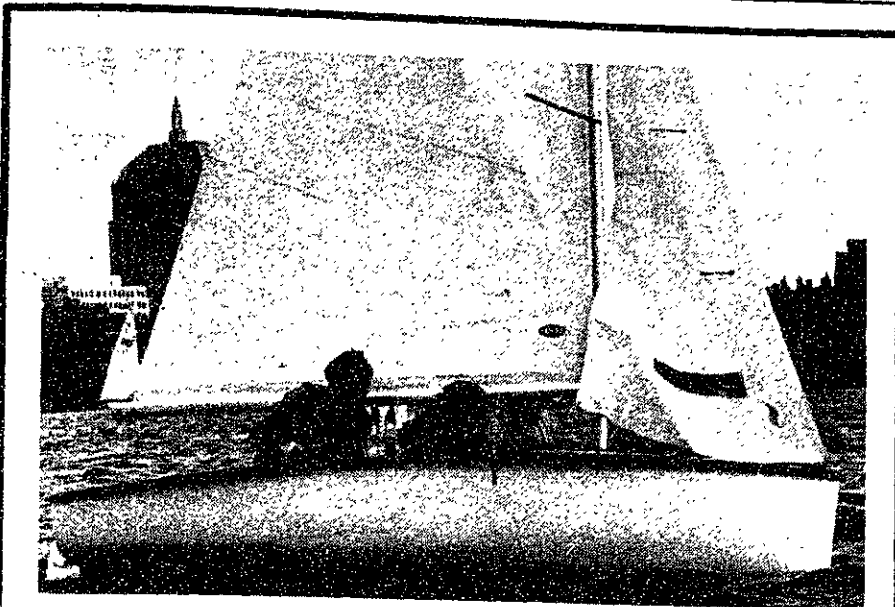
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sports



Lerothodi-Lapula Leeuw/The Tech
Skipper Doug Sabin '89 and Rachael Batcheler '91 were part of a MIT's winning team in Saturday's invitational.

Crew has frustrating regatta

(Continued from page 26)

crew teams lost to their opponents from Dartmouth College and the University of Wisconsin at Madison in the Cochrane Regatta on the Charles River last Saturday.

The varsity record now stands at 0-9. The Engineers have had a frustrating season, losing to opponents which they should have beaten (such as Columbia University and US Coast Guard Academy), according to heavy-weight coach Gordon Hamilton. However, Saturday's races showed that the Engineers were rowing cleanly.

Racing conditions on Saturday were less than ideal. The water was rough, almost unrowable and the cross wind occasionally gusted up to 40 mph.

The MIT varsity heavyweight eight suffered visibly as they went into the middle 1000 meters. Efforts made by MIT during the first 500 meters to keep even weren't enough in the strong crosswind, enabling Dartmouth and Wisconsin to make very effective use of their weight and leave MIT behind. Wisconsin won the race in 6:28.2 while Dartmouth finished second in 6:35.4. MIT finished last in 6:42.4.

The JV had similar troubles with the racing conditions. Even during their starting strokes, the Engineers were quickly left behind as soon as they settled into the race. Dartmouth and Wisconsin then began the long contest for the lead.

Near the 1000-meter mark, Wisconsin's four man caught a boat-stopping, over-the-head crab and gave Dartmouth a four-seat lead. The Badgers recovered quickly and were once again even by the 1500-meter. MIT gained some distance on Wisconsin but wasn't close enough to regain contact with the leading boats.

Wisconsin edged out Dartmouth to win the race in 6:55.7. Dartmouth's time was 6:57.3. MIT finished a distant third in 7:29.0.

The third varsity eight did not race in the regatta, instead they competed against Harvard's third varsity lightweight eight. However, their race proved the most exciting during the day, trading the lead by a bow ball with the Crim-

son crew.

The "dead heat" result (the boats were even as they crossed the finish line) proved how well MIT rowed. MIT took the lead at the start. Harvard's lightweight eight refused to give up the lead so easily, and the two boats began trading the lead on every stroke. MIT executed two perfect power moves against Harvard during the third 500 meters but still couldn't pull away.

The arduous fourth 500 meters were also closely contested. Every surge made by MIT was answered by Harvard; the two bows crossed the finish line at the same time.

The first freshmen eight raced against Dartmouth and was completely outrowed. MIT was left behind to row their own race after having kept contact for the first 400 meters. Dartmouth won the race in 6:52.5 while MIT finished in 7:04.5.

The men's heavyweight and lightweight teams will travel to Lake Quinsigamond to compete in the Men's Eastern Association of Rowing Colleges Sprints Championship next Sunday, May 14. The heavyweights then will travel to Syracuse, NY, to compete in the Intercollegiate Rowing Association Championship in June.

Softball beats Elms, ends season

(Continued from page 28)

Blazers] made one mistake that hurt them," MIT Coach Jean Heiney said. "We just made the plays."

Heiney praised rightfielder Laura Brauer '89, who has hit very well in the last two games and made "the best catch of her career" in Friday's contest, which was the last of her career.

Elms tried to battle back, but MIT restricted them to one run in the fourth, fifth, and sixth innings. The Engineers picked up an insurance run in the bottom of the sixth to complete the scoring.

The team ended the year with a 9-6 record in New England, and a 3-5 record on their Florida road trip. All of their losses have been at the hands of only four teams, Heiney noted.

Lacrosse beats RW

The lacrosse team won 19-14 at Roger Williams College on Saturday. Team stars Dave Chang '89 and Phil Kim '89 are now fourth and sixth, respectively, in Pilgrim League scoring statistics. Chang has 28 goals and 18 assists, while Kim has 17 goals and 18 assists.

Basketball fourth in rebound margin

The NCAA has released the final set of statistics for Division III basketball, and the men's team has been ranked fourth in the nation in rebounding margin. Led by center Trae Shattuck '90, the Engineers grabbed an average of 41 rebounds per game, while yielding only 28.5 boards

per game. Shattuck was voted the team's top rebounder by his teammates.

The Engineers also placed 13th in fewest points allowed per game (63.3) and inside the top 20 in field goal percentage defense (42.6 percent). During the season Shattuck had been ranked in individual field goal percentage.

Also ranked in women's basketball was center Maureen Fahey '90, who finished in a tie for 25th in rebounding (12.3/game). The women's team also finished in the top 20 for fewest points allowed per game (54.9).

NCAA Division III Men's Basketball Rebound Margin

	Off.	Def.	Mar.
1. Yeshiva	49.8	34.6	15.2
2. Trinity (CT)	47.4	33.8	13.6
3. Dubuque	43.7	30.2	13.5
4. MIT	41.0	28.5	12.5
5. Bethel (MN)	45.3	34.4	11.0
6. UC-San Bern.	46.9	36.4	10.5
7. North Adams St.	45.4	35.2	10.2
8. Hamilton	45.8	36.6	9.2
9. Farmington	42.1	33.0	9.2
10. Binghamton	46.2	37.1	9.2

The New England Basketball Coaches Association recently named the men's team the most improved in New England; the Engineers, who were 11-15 last year, finished at 14-8. Head Coach Leo Osgood was named coach of the year by the Association.

Compiled by Harold A. Stern, Michael J. Garrison, and the Sports Information Office

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sports

Poor weather mars NE Championship Regatta

By Anh Thu Vo

The women's crew teams traveled to Lake Quinsigamond in Worcester to compete in the women's New England Championship Regatta last Saturday, May 6, only to have the regatta rescheduled for Sunday due to high gusting wind and rough water. The racing conditions were barely rowable on Sunday, and so the regatta officials called off the races at noon with only a few events completed.

Among those events competed were the varsity eight's, JV

eight's, and novice eight's and four's. Each event had at least one heat and/or a final. MIT made it to the finals in all three events with the novice four capturing their race, bringing in the only satisfying moment during the frustrating weekend.

Despite the almost unrowable conditions, the novice four shut out their opponents from the University of New Hampshire, University of Massachusetts, US Coast Guard Academy, and Wesleyan College. They broke open water after the first 30

strokes of the race and simply rowed off with the win.

Rowing for the four were Jennifer Hill '92 (stroke), Barbara Sigmund '92, Rachel Huggins '92, and Cynthia Holcroft '92 (bow). Liz Yap '92 coxed.

MIT's varsity eight easily defeated their opponents from Worcester Polytechnic Institute, Simmons College, and Tufts University in their qualifying heat. According to varsity coxswain and team captain Tricia Roxas '89, the eight left their opponents behind after the first 500 meters.

Roxas repeatedly called the stroke rating down until they crossed the finish line with a 25 rating cadence.

Having won the heat with a wide margin, the Engineers were placed in the fourth lane, between the faster boats from an earlier heat and the second and third finishers from their own heat. This proved inauspicious for MIT; it would have been better if they had been placed among the faster qualifiers from the UMass, Wesleyan, and Wellesley College.

The start went well despite the officials' decision not to use a stake boat. MIT kept up with the three faster shells for its first ten high strokes, using a twenty strokes high start. However, MIT did not settle well and lost some distance to UMass, Wesleyan, and Wellesley. By the 500-meter mark, UMass had pushed their lead to one length while Wesleyan had gained four seats on MIT. Wellesley had also taken a seat up on MIT.

Having won against Wellesley two weeks earlier in the Brunelle Cup on the Charles River, the varsity eight was determined not to give Wellesley any distance during the race. They made several unsuccessful moves during the next 1000 meters to shorten the lead held by Wellesley, only to have them countered by their opponent. By the 1700-meter mark, Wellesley had lengthened their lead to a four-seats.

Coming into the sprint during the last 500 meters, the varsity eight brought their rating up and shortened the distance down to

one seat behind Wellesley as they crossed the finish line, placing fourth. UMass won, and Wesleyan placed second.

Roxas explained that the crew had trouble keeping their 34 racing cadence due to the strong headwind during the race. The racing cadence kept creeping down to a 32 and had to be repeatedly called back up by the coxswain.

Race officials recast the JV eight's qualifying heats as a final when the weather deteriorated by late morning. The wind was picking up, and white caps were racing down the length of the lake. Regatta officials considered canceling the regatta and actually ended up recalling several fours who had launched.

The JV eight final was eventually scratched since the crew from UMass protested the race, citing confusion made by the officials who were recalling the fours during the race. UMass left soon after protesting, preventing another rematch.

The contested final was eventually raced, and Wellesley edged out UMass, followed by MIT and WPI.

The women's crew teams will have a rematch against Wellesley College this Saturday, May 13. They will then travel to Lake Waramaug in Connecticut on May 20-21 to compete in the Women's Eastern Association of Rowing Colleges Sprints Championship.

Men's crews fare similarly

The MIT men's heavyweight
(Please turn to page 25)



Maresi Berry

The heavy winds that forced many of Saturday's crew races to be cancelled also filled the shells with water.

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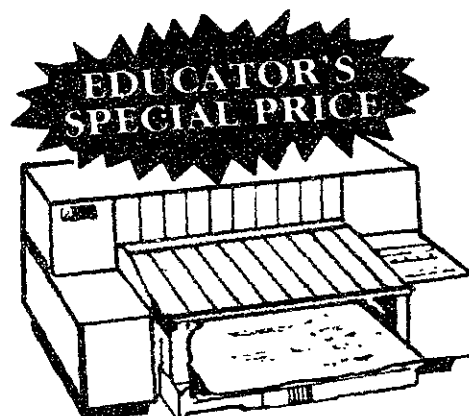
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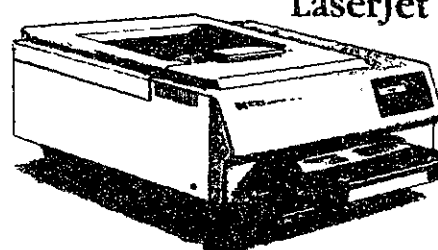
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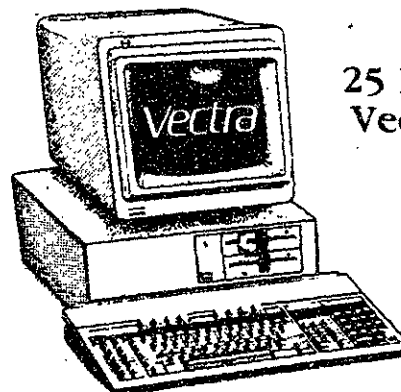
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Lerothodi-Lapula Leeuw/The Tech
Cecilia Warpinski '90 dashes for first base in MIT's 5-3 victory over Elms College.

Team sets new records

(Continued from page 28)

Kelly also gave Singhose a good chance to win in the decathlon, and he speculated that the 4x400 relay team might take home a victory. MIT placed ninth in the nation last year, and Kelley said that the team goal for this year was to place inside the top five.

It was a rigorous week for Singhose, who is still sore after having competed in 18 events over the past seven days — the decathlon and four other events at Williams as well as four at the Greater Boston Championships last Sunday.

At the Division III Championships he hurt his elbow while throwing the javelin in the decathlon. As a result, he took as

Victory boosts team's hopes for playoff spot

(Continued from page 28)

Purucker singled him to second. Thirumalaisamy singled them both over one base with an infield hit, and Murray walked to force Cote home. Again, the Engineers left the bases loaded as Day popped out to the shortstop.

Suffolk scored another unearned run in the eighth to make the score 5-2. Eric Hopkins '92 came on in relief of Patterson and prevented worse damage from occurring.

MIT responded in the bottom half of the inning as Purucker reached second on an error and scored on a Murray hit. The offense fizzled, however, when three of the next five batters struck out, and the game ended 5-3.

In the Brandeis loss, pitching was the main problem. MIT pounded out 12 hits, including home runs from Day (his fourth of the season) and Scott Williams '91 (his third). Unfortunately, the Brandeis assault was too much for them and they lost 12-7.

Day is currently second in the Greater Boston League in hitting, according to the MIT Sports Information Office. The latest statistics show him batting .545 in league play and .449 overall.

The Salve Regina game was marked by good pitching. Through the first seven innings, the Engineers had only two hits, both by Steve Stoller '89, and one run, while striking out eleven times. The Newporters fared no better against Patterson, as he limited them to one run on four hits, with ten strikeouts.

MIT responded to the pressure by coming through with three runs in the bottom of the eighth. Stoller got his third hit with one out, moved to second on a Thirumalaisamy bunt hit, and scored as a Day grounder took a bad hop past the shortstop. Murray then put the game out of reach with a single to left, scoring Thirumalaisamy and Day.

few attempts as possible in the pole vault, making no further tries after vaulting high enough to win the event. Singhose might skip the season's final meet — the IC4As at Villanova — to rest and was confident his elbow would be better in time for the nationals.

Singhose competed in both the decathlon and the pole vault at the nationals last year, finishing in third and fourth place respectively. The decathlon will be "wide open" this year, he believed, as the two people who finished above him have both graduated. Singhose said he thinks he can improve on his score from the Williams meet, which he treated as a warm-up for the nationals. His score at last year's championships was about 50 points higher than it was at this weekend's meet, he added.

The pole vault will be a tougher event; Singhose, who finished third in the nation at the indoor national championships, has not competed very much outdoors in this event. He has vaulted in only three or four meets outside this season, he explained, and has not been challenged enough, winning with lower heights.

The nationals will be held May 24-27 at North Central College, in Naperville, IL. Before that, about 15 MIT athletes will compete in the All New England meet this weekend. The All New England, which is open by invitation only, includes Division I and II schools as well as some Division III colleges.

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Frisbee takes 2nd at tourney

By Ali Azar

The MIT frisbee club took home second place in Saturday's sectional tournament at Keene State College in Keene, NH. The Beavers went undefeated in their five-team pool but lost the tournament championship game to settle for the runner up position, which was good enough to qualify them for the Ultimate Players' Association Regional Tournament.

MIT started the day with a 13-2 victory over Worcester Polytechnic Institute under overcast skies and a light morning rain shower.

After the easy opener, however, the Beavers got sloppy against a determined MIT Sloan School squad, who participated in the sectional tournament for the second straight year. Sloan came back from an early 4-1 deficit to end the half with a two-point lead, 7-5. But the frisbee club pulled together in the second half to stifle the upset try and take their second victory of the day, 13-11.

In the third game, against Boston College, the Beavers opted for a zone defense despite the presence of calm air, which usually provides for good zone-breaking passes from the offense. Although the zone did not contain the offense as well as usual, it did force the mediocre BC disc handlers to throw a lot of passes, which led to mistakes and BC turnovers. MIT capitalized on these turnovers and defeated BC 13-8.

MIT earned an undefeated pool record by crushing Harvard in the Beavers' fourth victory of the day. Good coaching and substitutions by captain Mark Griffith G allowed the team to take an easy 7-0 halftime lead and cruise in the second half to a 13-4 final tally.

MIT's pool play placed them in contention with the winner of the other pool, Tufts University, for the tournament championship. The champion is seeded first and the runner up second in the slate of five teams from the section

which qualify for the Regional Tournament.

Tufts was MIT's toughest opponent of the day, and both teams played an intense game of few mistakes and turnovers. Tufts and MIT matched goal for goal in the first half except for one MIT turnover which gave Tufts a 6-4 lead. MIT, however, turned on the heat to capture the halftime lead, 7-6.

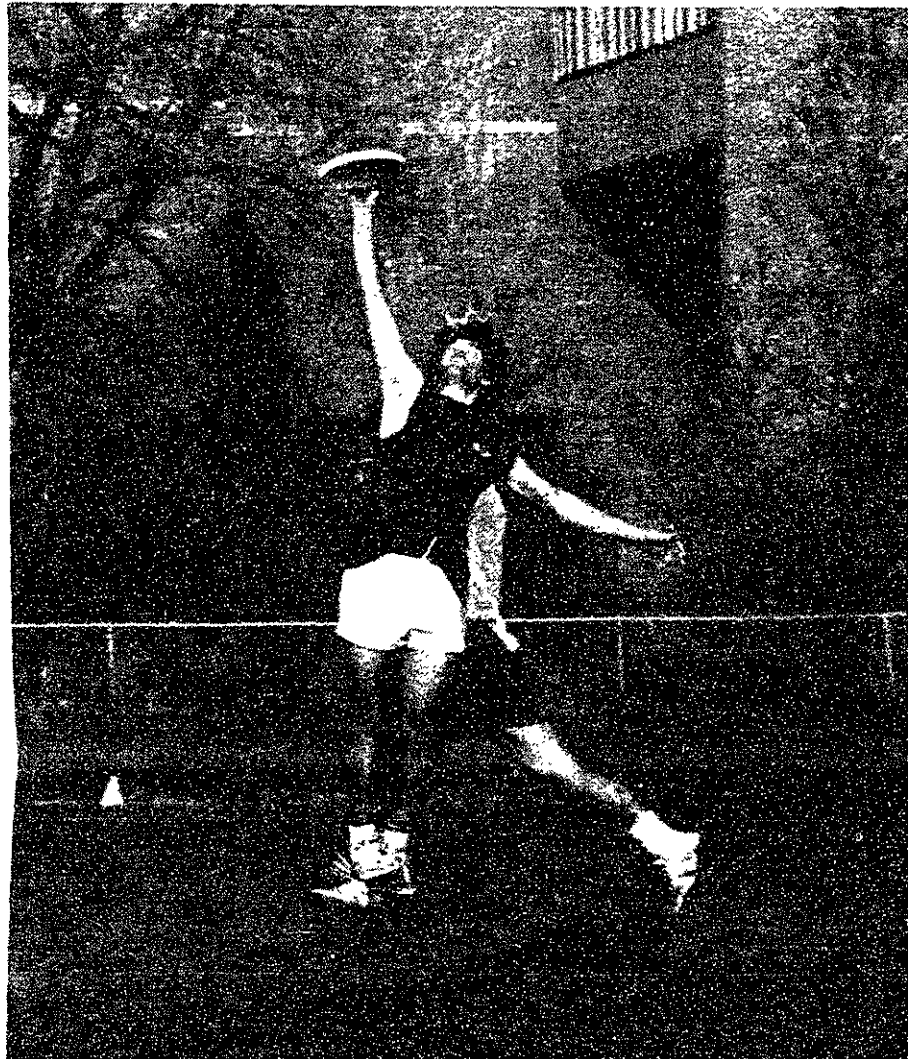
Unfortunately, the MIT squad missed the opportunity to take a two-point lead by failing to convert the first possession of the second half. Tufts stayed in the game and eventually took a two point lead off of key turnovers by MIT. Despite allowing MIT to tie the game 12-12, Tufts pulled out the 14-12 victory.

The loss placed MIT second in the tournament among five teams

qualifying for next weekend's Regional Tournament at the State University of New York at Albany. Besides Tufts' first-place finish, the other qualifiers were Boston College, Boston University, and Harvard.

Tufts will likely be seeded first in the Regional Tournament, since they have winning records this season against all other contenders, which include primarily Columbia, Cornell, Wesleyan, and MIT. MIT hopes to be seeded third, although a season of mixed performance may cause them to be placed lower. The top three teams at the Regional Tournament qualify for this year's National Collegiate Tournament, to be held in Wilmington, NC.

(Ali Azar G is a member of the MIT frisbee club.)



courtesy MIT Frisbee Club
Joe Ryan G outjumps his Harvard opponent in the NE Ultimate Sectionals. MIT won, 13-4, and the team is going to regionals in Albany this Saturday.

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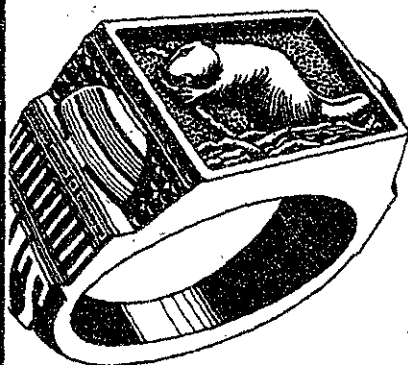
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Track sweeps NE Outdoor Championships

By Michael J. Garrison
and Harold A. Stern

MIT swept to victory in Saturday's New England Division III Outdoor Track and Field Championships, setting new meet records for highest score and winning margin. The Engineers scored a whopping 150 points (Brandeis was second with 69) led by Bill Singhose '90 with 26 points and Boniface Makatiani '90 with 25.

performance Saturday of 53.88 meters was good for second place.

Other MIT first-place finishes were turned in by Makatiani, who anchored both relays, in the 100 (11.0, hand timed) and 200 (22.03) sprints and Kevin Scannell '92 in the long jump with a leap of 6.82 meters.

Head coach Gordon Kelly expects Makatiani will qualify for nationals in the 400 during this

New England Div. III Championships at Williams

Decathlon - 1, Singhose, MIT, 6806 points; 2, Farley, CG, 6251; 3, Moose, MIT, 5999; 4, Dickerson, CG, 5864; 8, Tewksbury, MIT, 4835.

Long jump - 1, Scannell, MIT, 6.82 meters; 2, Mann, Brand., 6.53; 3, Shankle, West., 6.44; 4, Daly, WPI, 6.43; 6, Davis, MIT, 6.34.

Discus - 1, Goodrich, Bates, 47.34; 2, Detweiler, Mid., 46.40; 3, Kusmaskas, Mid., 45.74; 4, Deering, MIT, 45.04; 8, Shank, MIT, 41.96.

1500 meters - 1, Piepergerdes, MIT, 3:52.15; 2, Berrio, RI, 3:52.58; 3, Evans, Amh., 3:52.86; 4, Atchue, Brand., 3:54.15.

Hammer throw - 1, Goodrich, Bates, 58.14 meters; 2, Deering, MIT, 53.88; 3, Rockett, Tufts, 53.44; 4, Palazzo, RI, 51.72; 10, Clark, MIT, 48.78; 11, Masalsky, MIT, 48.74; 13, Shank, MIT, 46.88.

10,000 meters - 1, Kropp, Nor, 32:15.57; 2, Dillon, Brand., 32:29.59; 3, Resca, WPI, 32:34.09; 4, Afsharfous, MIT, 32:40.68.

400 relay - 1, MIT (Wright, Cornwall, Dunzo, Makatiani) 42.32; 2, Trinity 43.07; 3, Westfield State 43.23; 4, Middlebury 43.36.

110 hurdles - 1, Lopes, SMU, 14.98; 2, Davis, MIT, 15.28; 3, Gaines, Brand., 15.66; 4, Hedgewick, Salem, 15.94.

Javelin - 1, Conklin, Tri., 57.16; 2, Gage, CG, 55.70; 3, Campbell, CG, 55.20; 4, Masalsky, MIT, 54.94.

400 meters - 1, Dunzo, MIT, 47.64; 2, Isaac, Tri., 47.63; 3, Wyeth, Fitch., 48.57; 4, Moore, Brand., 49.0.

400 hurdles - 1, Lopes, West., 53.29; 2, McKenzie, MIT, 53.55; 3, Yamike, Tufts, 53.74; 4, Woodhouse, West., 54.14.

100 meters - 1, Makatiani, MIT, 11.8; 2, Lindley, Wms., 11.1; 3, Fon, CG, 11.1; 4, Alderson, Tri., 11.1; 7, Wright, MIT, 11.5.

5000 meters - 1, Evans, Amh., 14:53.1; 2, Kanter, Brand., 14:56.7; 3, Smith, UMass, 15:04.1; 4, Gaebel, West., 15:12.8.

High jump - 1, Schecker, Bates, 2.03; 2, Logan, Tri., 1.98; 3, Forrest, West., 1.93; 4, Rosenkoetter, Bow., 1.88.

Steeplechase - 1, Beitz, Wms., 9:19.9; 2, Dimick, Brand., 9:25.98; 3, Kim, West., 9:29.40; 4, Chisum, Brand., 9:35.61.

800 meters - 1, Forde, Brand., 1:52.9; 2, Simpson, Brand., 1:53.2; 3, Ince, West., 1:54.3; 4, Sheets, CG, 1:54.7.

200 meters - 1, Makatiani, MIT, 22.03; 2, Araujo, SMU, 22.42; 3, Smith, Wms., 4, Drouey, Brand., 22.7.

Shot put - 1, Egan, Nor., 15.16; 2, Kazmas, Mid., 14.93; 3, Deering, MIT, 14.78; 4, Goodrich, Bates, 14.65; 12, Masalsky, MIT, 12.20.

Triple jump - 1, Woodhouse, West., 14.14; 2, Igharo, Wms., 13.94; 3, Singhose, MIT, 13.81; 4, Davis, MIT, 13.72; 6, Prakash-Asante, MIT, 13.47; 7, Tewksbury, MIT, 13.39; 10, Scannell, MIT, 12.99; 11, Cornwall, MIT, 12.95.

1600 relay - 1, MIT (Cornwall, McKenzie, Dunzo, Makatiani) 3:15.47; 2, Brandeis 3:18.1; 3, Westfield State 3:28.66; 4, Williams 3:20.85.

Pole vault - 1, Singhose, MIT, 4.29; 2, Guter, man, Bow., 4.29; 3, Jadamec, WPI, 4.11; 4, Hazen, Tufts, 4.11.

Team Scores - 1, MIT 150; 2, Brandeis 69; 3, Westfield State 55; 4, Williams 44; 5, Coast Guard 42; 6, Trinity 38; 7, Bates 36; 8, Middlebury 27; 9, SMU 24; 10, Norwich 23.



David Rothstein/The Tech

Mark Dunzo '91 (right) hands off to Boniface Makatiani '90 in the 4x100m relay at the Greater Boston Championships last week.

Baseball defeats Salve Regina

By Shawn Mastrian

Despite three late season losses, at the hands of Curry College, Suffolk University, and Brandeis University, the baseball team still remains in the hunt for a playoff spot. The team was notified that they were among six teams fighting for the final two spots going into yesterday's game

against Salve Regina (another one of these six teams). The Engineers improved their chances of competing in post-season play for the first time since 1974 by beating the Newporters, 4-1, and now they await word from the selection committee.

The Suffolk game started out with the Rams bolting out to a 4-0 lead after four innings. This should come as a surprise to no one, since it is customary for the Engineers to stake their opposition an early lead before mounting a late-inning charge. Sloppy fielding was to blame this time, as all four runs were unearned.

Fran Patterson '89 pitched for the Engineers, and performed credibly when his defense supported him. The deficit would have been much worse, but he worked out of a bases-loaded jam in the first and struck out two straight batters to end a threat in the third.

MIT was unable to produce offensively against the Rams. Head coach Fran O'Brien juggled his lineup around, but he apparently did not find the right combina-

tion. For the game, the Engineers beat out eight hits, and they also managed to draw seven walks. All of the hits, however, were of the one-base variety, which limited MIT's scoring ability.

The Engineers finally scored in the fifth. David Cote '89 started the inning by walking (he walked three out of the four times he was at bat). Mike Purucker '92 moved him to second with a single to left. Pillan Thirumalaisamy '90 then attempted to sacrifice the runners over, and was safe at first when Purucker beat out the pitcher's throw to second.

The bases were loaded, with none out, for Mike Murray '90. Murray, who had all three of the Engineers' RBIs on the day, drove in Cote with a sacrifice fly. Tim Day '89 flied out to center, but then Mike Griffin '90 was hit by a pitch to reload the bases. However Tim Collins '89 struck out, and the rally was held to just the one run.

MIT went right back on the attack in the sixth inning. With two outs, Cote walked again, and

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Many Engineers qualified for nationals at the meet, including: Singhose in the decathlon (6806 points, first place); both the 4x100 (Dave Wright '89, Doug Cornwall '89, Mark Dunzo '91, and Makatiani, 42.32, first, new MIT record) and the 4x400 (Cornwall, Paul McKenzie '90, Dunzo, and Makatiani, 3:15.47, first) relay teams; Dunzo in the 400 (47.44, first); McKenzie in the 400 intermediate hurdles (53.55, second); and Mike Piepergerdes '92 in the 1500 (3:52.15, first, new MIT freshman record).

Singhose had previously qualified for nationals in the pole vault, which he won Saturday by clearing 4.29 meters. Scott Deering '89 had also previously qualified in the hammer throw — his

weekend's All New England meet. "He is our best in the 400," Kelley explained, "but we have been using him as a sprinter." If Makatiani fails to qualify, Kelly mused, "I would have made a serious error on his behalf." Kelly predicted that Makatiani would have a good chance to win the 400 in the nationals.

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Ho, Brown to play in nationals

Sports Update

Ho to team up with Brown

Two MIT men's tennis players, Kai-Yee Ho '89 and his doubles partner Brian Brown '89, have

qualified for the NCAA Division III National Tournament. The tournament, which will be held in Kalamazoo, MI, will be May 14-21.

Ho, who is ranked 30th nationally, will compete in singles. Ho and Brown, ranked 14th as a pair, have qualified for the doubles contest. MIT as a team is ranked 13th nationally, and number two in New England (behind Brandeis University).

Softball ends with victory

MIT, 5-3

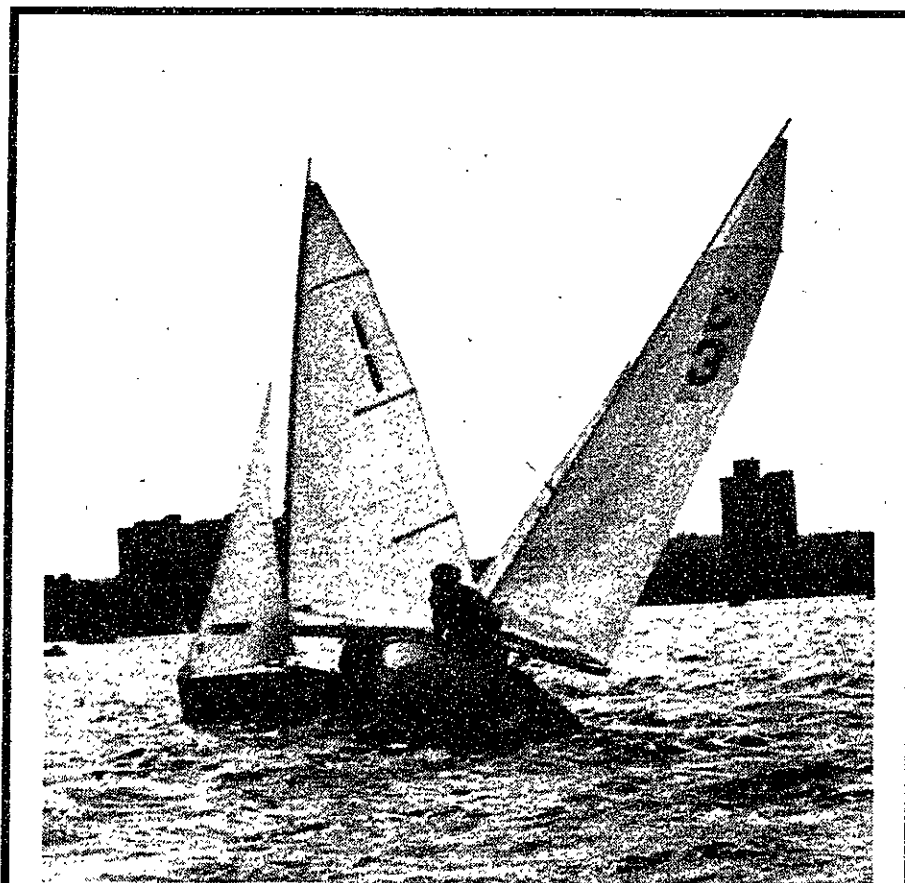
ELMS	ab	r	h	bi	MIT	ab	r	h	bi
Maloney cf	4	0	2	1	Lwnstn 3b	4	1	1	0
Hickson p	4	1	2	0	Chang lf	4	1	2	0
O'Connor ss	3	0	0	0	DiMassa ss	2	0	1	2
Gleason c	3	0	0	1	Warpinski cf	4	0	1	1
Pblski 1b	3	0	0	0	Raguetti 1b	2	0	0	0
Jahn 1b	2	2	0	0	Duso c	2	0	1	1
O'Rourke 2b	3	0	0	0	D'Angelo 2b	2	1	0	0
Nowak lf	2	0	0	0	Brauer rf	3	1	2	0
Arpo rf	3	0	1	0	Booth dh	1	1	0	0
Totals	27	3	7	2	Totals	24	5	7	4
Elms	0 0 0 1 1 1 0 - 3				MIT	0 0 4 0 0 1 x - 5			

E—DiMassa, Brauer, O'Connor, LOB—Elms 7, MIT 7, SB—O'Connor, Jahn, Lowenstein, DiMassa, SF—DiMassa, Gleason, SH—Booth, CS—Chang.

Elms IP H R ER BB SO
Hickson (L) 6 7 5 1 5 3
Hometeam
Albers (W) 7 7 3 1 3 0
A-20.

The softball team ended its season Friday with a 5-3 victory over the team from Elms College. The Engineers scored four runs in the bottom of the third to take the lead for good. "They [the

(Please turn to page 25)



Lerothodi-Lapula Leeuw/The Tech

The MIT sailing team came in first both in their invitational Saturday, and Dartmouth's on Sunday.



Marc Wisnudel/The Tech

Fran Patterson '89 prepares to pitch in yesterday's game against Salve Regina. He struck out ten of his opponents.