

Faculty to vote on P/F on Wednesday

By Annabelle Boyd

On Wednesday, the faculty will hold a special meeting to conclude voting on the Committee on the Undergraduate Program's motion concerning freshman pass/no-credit grading. In the wake of discussion generated at the April 19 faculty meeting, two more amendments have been proposed to the CUP motion.

Professor of Architecture Leon B. Groisser '48 has proposed an amendment which calls for the retention of the current two-semester pass/no-credit system, with the exception that pass would denote a grade of C or better. Under the Groisser amendment, a freshman who obtained the equivalent of a D grade in a subject could have the grade and the associated credit made part of his permanent record through petition at the end of the semester.

Harold Abelson PhD '73, associate professor of electrical engineering and computer science, submitted an amendment which states: "Each undergraduate [after the first-term freshman year] has the option to . . . alter his/her permanent record as follows: For any designated grade recorded as A, B, or C, the record shall be changed so that the grade will subsequently appear as P; or, for any designated grade recorded as D or F, the subject and the grade shall be deleted from the student's record. Each student may exercise this option at most seven times during his/her undergraduate career." The Abelson amendment would allow students to use this option for at most one departmental requirement, two Humanities, Arts, and Social Science requirements, and two Science core requirements.

According to Abelson, when the faculty at its April 19 meeting struck down a move to reduce the number of pass/no-credit options available to students after the first term under the CUP plan from seven to two, it was indicating that it favored partial grade recording, as opposed to maintaining a complete transcript of student performance.

"Given the choice, I believe in partial grade reporting. It helps students make a smooth transition to MIT, and it encourages exploration," Abelson said. However, Abelson said he does not believe in "the game-playing afforded by the CUP proposal" as it currently stands.

By letting the student decide after taking a class whether it should be pass/no-credit, the Institute would be showing a greater respect to the individual stu-

dent and his academic needs, according to Abelson.

Most of the faculty members to whom Abelson has talked have told him they thought his amendment "was a good idea," but that it would probably "have difficulty passing" a faculty vote, he said. Abelson said he is interested in student opinion on his amendment, and hopes to hear from students before the faculty meeting.

Groisser explained his amendment as "an attempt to try to deal with the problems that faculty members believe exist with the pass/fail system, within the pass/fail system, rather than to deal with those problems by stopping pass/fail in the freshman second term and extending it through to later in a student's career."

Groisser said he believes that the basic idea behind pass/no-credit remains true and necessary. "We [the faculty] should fix the flaws in the pass/fail system without dismantling it," he said. Groisser proposed his amendment on his own, and has not "spoken to the faculty or students."

"I have no understanding of the reaction of the faculty. I won't campaign or make calls for my amendment. But, it seems that retaining the pass/fail system in tact is the right answer," he said.

In addition to the Abelson and Groisser amendments, the faculty will also vote on an amendment by Professors Marc A. Kastner and Robert J. Birgeneau which was on the April 19 agenda, but got pushed back because the meeting ran over time. The Kastner/Birgeneau amendment gives students two options on when to switch to grades. One option is the one proposed by the CUP. Under the second option, second-term freshman would be allowed to take four subjects on a pass/no-credit basis; but, in subsequent years, these students could take at most three pass/no-credit subjects, with some restrictions.

The CUP plan as it now stands calls for the elimination of both pass/no-credit grading for second-term freshmen and the two-subject pass/fail option available to juniors and seniors. Instead, the CUP motion would allow stu-

(Please turn to page 2)

Jackson, at Harvard, calls for bold leadership

By Paula Maute

In a fiery speech at Harvard University Tuesday night, Rev. Jesse Jackson called for "bold new leadership" in America and



Mourad M. Bakhourm

The construction team for the concrete canoe *Icebreaker I* display their awards from a recent civil engineering competition. See story page 2.

Arms thefts spark concern

By David P. Hamilton

Two incidents of firearms theft from the MIT armory in as many months have led Campus Police to restrict shooting at the pistol and rifle ranges and to review security at the armory.

On April 11, two .22 target pistols were stolen immediately after the first meeting of a pistol physical education class, according to Pat Melaragno, rangemaster and coach of the pistol team. The pistols were new and valued at about \$500 apiece, he continued.

The earlier theft, in which a .22 caliber target rifle and an air rifle were taken, took place on March 3 shortly before an intercollegiate shooting tournament. The weapons belonged to the US Military Academy rifle team, and were valued at \$1500 and \$900 respectively.

For nearly two weeks after the pistol theft, the Campus Police placed a moratorium on weapons practice at the MIT ranges. Pistol classes were permitted to begin shooting again this week, largely because of nearly 60 seniors who need the PE credit in order to graduate.

These classes are operating under some new security procedures. Students must now leave identification when checking out pistols, and two supervisors oversee all shooting to ensure that no pistols leave the range.

Unrestricted shooting is not expected to return until at least next fall, when the Athletic De-

partment will have implemented any necessary security changes in the shooting facilities and procedures. Since the pistol and rifle teams have completed their seasons, as has the MIT Pistol and Rifle Club, the current restrictions "aren't impacting on anyone severely," Melaragno said.

One of the security changes is likely to involve moving the weapons safe out of the ranges and into the rangemaster's office, which will be locked and alarmed. Another proposal

would place motion sensors across the firing line in each range. The alarms would be set to trigger corresponding alerts in the Campus Police office if activated.

Outside job suspected

When the pistol theft occurred, Melaragno had stepped into the room immediately outside the range to change a student's schedule. While he was occupied, the thief removed two pistols (Please turn to page 2)

MIT prof voices doubt about cold fusion claims

By Niraj S. Desai

Before starting his talk yesterday on developments in cold fusion, Associate Professor Ronald G. Ballinger SM '82 warned the audience that there would be a quiz on the subject afterwards. But he told them not to worry because "no one can tell if you're wrong."

That is the problem with the claims made by University of Utah researchers to have produced nuclear fusion at room temperatures. The researchers — Stanley Pons and Martin Fleischmann — announced they had made a breakthrough in the decades-long quest for fusion energy at a press conference last month.

But since then, Pons and Fleischmann have failed to pro-

vide the scientific community with adequate information about their experiment, Ballinger said. He charged that the University of Utah and others are stampeding the scientific review process in the rush to obtain support for the Pons/Fleischmann method.

Ballinger's comments came the day after he testified before the House Committee on Science, Space, and Technology. Earlier in the day, witnesses had called on Congress to appropriate \$25 million to commercialize the purported discovery.

University of Utah President Chase Peterson and productivity specialist Ira C. Magaziner joined Pons and Fleischmann in pressing congressmen to fund work on "table-top" fusion, say- (Please turn to page 12)

inside

Pro Arte Chamber Orchestra, under the direction of Arturo Delmoni, gives adequate performance of Bach, Schubert and David Hoffman. Page 11

Boston Symphony Orchestra concludes season. Page 11

A surprising luncheon with See You in the Morning star Allen Krueger. Page 11



Reverend Jesse Jackson

Paula Maute/The Tech

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Team designs concrete canoe

Feature

By Irene C. Kuo

The first concrete canoe built at MIT finished second out of 15 schools at an American Society of Civil Engineers competition hosted at Norwich University in Vermont last weekend.

MIT's *Icebreaker I*, built by undergraduate and graduate students in the Department of Civil Engineering, won both the best design and construction awards. The University of New Hampshire, which finished first overall, won the best-looking competition. The final scores were also based on results of races on a quarter-mile-long triangular course. Mourad Bakhom G, coordinator of the MIT Concrete Canoe Project, said that the judges gave MIT extra points for its project report and display boards. MIT finished with 39 points, behind UNH's 46 points.

"It turned into a dual contest with MIT and UNH capturing most of the points," declared Kenyon Potter '90, leader of the Concrete Canoe Team.

MIT was the only school to have an original hull design, according to Bakhom, who credited Thanasis Dimas G of the Department of Ocean Engineering

for choosing the design and dimensions of *Icebreaker I*. Whereas other teams used regular wooden canoes for molds, MIT built a reusable mold consisting of aluminum and wood. Once cast, the steel-reinforced concrete canoe was cured for 28 days, after which it was finished, sanded, and painted. The canoe weighed 290 pounds and was 13.35 feet long, 32.7 inches wide, and 13 inches deep. The nominal thickness ranged from one-half to one inch.

The Department of Civil Engineering provided funding for the project, which Bakhom estimated at \$1200.

Exotic though they may sound, concrete boats have been widely used where speed and weight have not been top priorities. Concrete is also cheaper and less prone to corrosion than steel. In fact, during World Wars I and II the United States built some concrete ships in order to save metal.

The MIT team was advised by John Germaine SM '82, lecturer in civil engineering, and consisted of Bashar Arioglu '89, Carlos Sosa '89, Eric Green G, Mohanjit Jolly '91, Soobong Shin G, Robert Ward G, Itunumi Savage G, Colin Angle '89, Gigi Richard '89, Lindsay Haugland '89, Robert Werner G, Chadchart Sitti-

punt G, Dimas, Potter, Makhom, and Associate Professor of Civil Engineering Lorna J. Gibson.

Construction of the canoe began during this year's Independent Activities Period as a non-credit activity, according to Potter. He estimated that the project took 1500 manhours to complete. UNH has entered the competition for the past four years, Bakhom said.

"The *Icebreaker I* performed according to our design," Potter said. "Our boat had sufficient flotation; in the worst case it would not sink." He added that New England College's canoe won the Concrete Anchor Award for developing a hole and sinking 30 feet offshore.

"Considering that it was the first time we built a canoe, it was good that we won first in two categories and second over all," Bakhom noted.

As competition rules state that a new canoe must be built each year, Makhom predicted that the activity will continue at MIT. "It is a good experience to improve on design and construction," he said. He added that Undergraduate Research Opportunities Program credit may be offered in the future. As for himself, he undertook the project "for fun."

Jackson probes Bush politics

(continued from page 1)

ing to the "bland" images and policies prescribed by pollsters and political advisors.

"One hundred days later..." Jackson said, referring to Bush's first three months in office, "there are no bold new initiatives" to fight urban crime, "no alteration of the Willie Horton furlough plan... no anti-apartheid plan... no aggressive Middle East plan... [and] no bold response to *glasnost* or *perestroika*," Jackson said. But, "one hundred days later," Jackson continued, Eastern Airlines is still floundering, the contras are receiving more funding and the savings-and-loans associations have been "bailed out".

Bush was elected because he appealed to the status quo, and furthered his campaign with racist and sexist fears, according to Jackson. The disenfranchised and many others were alienated from the political process.

"Public cynicism won more votes than [President] Bush did," Jackson claimed, adding that "50 percent of eligible [voters] didn't bother to vote" in November. And, in an apparent attack on Dukakis, who defeated Jackson in the Democratic primaries, Jackson said, "In 1988, it took a lot of effort to lose. The challenge to liberalism went undefended." Dukakis' campaign managed to "survive the primaries without promising anything to anyone," Jackson said.

The liberal tradition represents collective bargaining, child labor laws, abolitionists, social change, civil rights and women's rights, according to Jackson. In contrast, he added, conservatism represents slave masters, monopolies, imperialism and big business. "I am a liberal," Jackson declared, "a liberator and change agent." That statement drew rousing applause from the standing-room-only crowd of about 600.

Jackson, a two-time presidential candidate and long-time civil rights activist, called President John F. Kennedy a "courageous" leader for supporting Martin Luther King Jr. in the civil rights struggles of the early 1960s. "To reach out to King when he was called a communist," was a courageous act, Jackson said. No present day political advisor would have told Kennedy to sup-

port King, Jackson said, because it would upset the status quo.

Economic struggle

"The struggle is about economic justice for American people," Jackson said. America's working classes provide the capital and labor that fuel the country, according to Jackson. But large corporations and the investment industry use this capital to invest in economic schemes that create more capital for the monied classes while draining the economic base of the poor.

Jackson urged people to think like "honeybees," about America's economic system. Honeybees buzz around and take nectar from flowers but they also deposit pollen, Jackson said, comparing America's slums to a flower. "Honey bees know if they don't come back" to deposit the pol-

len, "the flower will die." Money must be invested in slums or they will die, according to Jackson. He described a slum as "any place without an adequate flow of capital."

Jackson proposed investing small percentages of public pension funds in housing, services and businesses in the inner city — areas that need economic support. He also pushed for raising the minimum wage from its current \$3.35 per hour. "Most poor people in America work," Jackson said, but they have the lowest paying jobs. "They're not lazy, they work everyday," he said, but at minimum wage jobs as laborers, cooks, janitors, nursing aids, and clerical workers. Millions of American live in poverty, Jackson said, and the majority of them are women and children.

Firearms thefts lead to tightened security

(Continued from page 1)

from the open weapons safe. According to Melaragno, the thief would have had to walk past him with the weapons in order to leave the range, leading Melaragno to suspect that the thief had come as a member of the class.

Despite the circumstances of the theft, Melaragno said he doesn't believe that a MIT student took the weapons. Since registration for PE courses does not require students to show identification, a non-student could have filled out a registration card and attended the first day of the course, he continued.

Professors offer two more P/F amendments

(Continued from page 1)

dents after the first term to take one subject on pass/no-credit per term up to a maximum of seven. Subjects taken on this basis may include at most two Science core classes, two HASS requirement classes, and one departmental requirement class. A grade of C or better would be required for

credit in all pass/no-credit subjects, including those taken first-term freshman year. Furthermore, after the first term, a student who has received a grade of D in a pass/no-credit subject may petition to have the grade and the associated credit made a part of his permanent record.

The Tech News Hotline: 253-1541

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Friday, April 28, 7:30PM, 6-120

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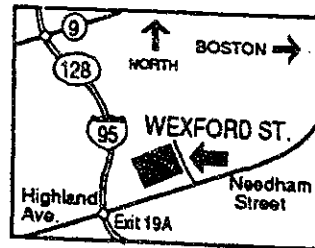
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news roundup

from the associated press wire

Nation

Lucille Ball dead at 77

Lucille Ball died early Wednesday morning at a Los Angeles hospital at age 77 following a rupture in her aorta. Tributes have been pouring in for television's famous redhead. A family spokesman has told *Daily Variety* that the family is arranging a private burial in accordance with the late comedienne's wishes.

NASA expects smooth shuttle launch

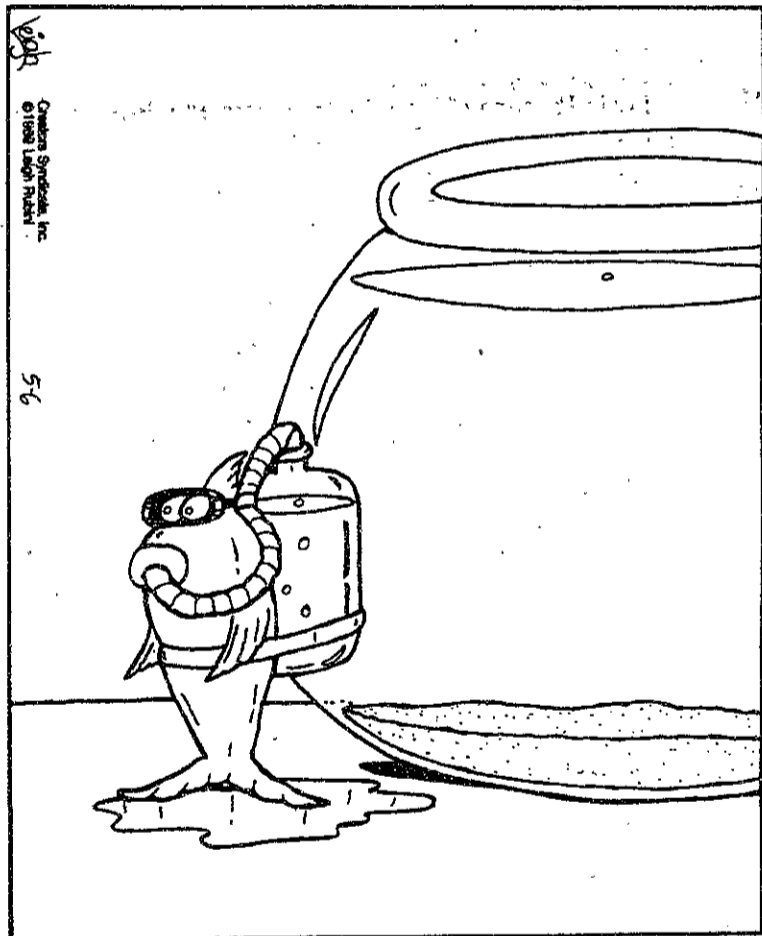
Scientists say they are eager for the start of the first American planetary mission since 1978. The space shuttle *Atlantis*, scheduled to lift off the launch pad at Cape Canaveral this afternoon, is to fire an unmanned *Magellan* spacecraft toward Venus. Its mission is to orbit the cloud-veiled planet and map up to 90 percent of its surface.

The countdown for today's scheduled launch is proceeding so smoothly that the launch team can actually relax and enjoy a 15-hour, built-in halt of the clock. The chance of high winds is providing only slight concern as the National Aeronautics and Space Administration looks forward to liftoff in an unusually tight launch window that opens at 2:24 pm, and last just 23 minutes.

Mercy killer charged

A father charged with murdering his baby son has been released on a recognizance bond in Chicago. Authorities say Rudy Linares entered the hospital room of his comatose baby son, unhooked the son's life-support system, and kept hospital workers at gunpoint until his son was dead. Sixteen-month-old Samuel Linares had been in a coma since an accident last August left him brain-damaged.

Rubes By Leigh Rubin



Gang-rapists indicted

A New York City grand jury has indicted two teen-age boys in last week's Central Park beating and gang rape of a 28-year-old Wellesley graduate. The teenagers are among eight youths charged in the attacked. The woman, an investment banker, remains in a coma. Police said she was attacked by a "wolf-pack" of up to a dozen youths as she jogged through the park.

Wall Street rallies amid economic lull

Wall Street rallied yesterday amid further signs of economic slowdown. The government says consumer spending rose a slim 0.2 percent last month — its weakest performance in six months. The Dow Jones Industrial Average surged nearly 30 points.

Exxon tanker loses power

An Exxon tanker carrying more than 22 million gallons of Alaskan crude oil lost power and drifted off the coast of Washington state for nearly seven hours Wednesday. A tugboat took the tanker in tow. A spokesman said the *Exxon Philadelphia* was about nine miles off Cape Flattery when a boiler tube failed.

Local

Ninth victim of serial killer found

Bristol County authorities said they have identified the ninth victim of a serial killer apparently preying on prostitutes and drug users in New Bedford. Officials said yesterday the victim, found Monday in the brush along Interstate 195 in Marion, was 25-year-old Sandra Botelho of New Bedford, a mother of two young boys. The woman's brother, Philip Amaral, said his family had a hard time explaining to the boys what happened to their mother.

Judge denies Gilchrist's motion for new trial

A judge has denied convicted killer Lonnie Gilchrist's motion for a new trial. The judge rejected defense claims that jurors were subject to outside influences during their deliberations. The 42-year-old former stockholder was sentenced April 17 to life in prison without parole. Gilchrist was found guilty of shooting his boss, George Cook, at the downtown office of Merrill Lynch.

Government audit criticizes former senators use of consultant

Former US Sen. Edward W. Brooke (R-MA) has been named in a government audit critical of the use of consultants by developers seeking federal housing subsidies. The audit cites Brooke's receipt of \$183,000 in consulting fees as an example of the perception of favoritism in the program. The audit says no laws were broken. Officials said Brooke was paid \$150,000 for consulting services by developer George Clayman, who was seeking Department of Housing and Urban Development money to convert the abandoned Cobbett School in Lynn to housing. Brooke, now a Washington attorney, did not return phone calls yesterday.

World

Ousted president exposes Noriega's election ruse

Ousted Panamanian President Eric Delvalle said a report of American aid to Panamanian political parties was a ruse by de facto ruler, General Manuel Noriega. Last week, the Bush Administration denied reports that Bush had passed a \$10 million proposal to aid Noriega's opponents. Yesterday, President Bush accused the Panamanian government of using violence and coercion to win next month's election.

Soviet space station unmanned

The Soviet space station *Mir* is unmanned for the first time in more than two years. Three Soviet cosmonauts returned to earth yesterday after spending months aboard the permanent space station. Soviet officials said *Mir* will remain unoccupied until August to save money.

Sports

Samaranch calls for reduced violence

International Olympic Committee President Juan Antonio Samaranch said crime on the streets of Barcelona must be reduced if the 1992 Summer Games are to make a good impression on visitors. The Barcelona native made the statement at a news conference ending four days of IOC meetings in the future Olympic City.

Weather

Cloudiness ahead

Although today will be nice, it looks as if we will be in for a mixed bag of weather this weekend. A low pressure system, now positioned over the Midwest, will move slowly northeastward during the next 2-3 days. This will bring clouds into our region late Saturday and the chance for precipitation on Sunday.

Today: Skies will be mostly sunny with high temperatures reaching 60°F (16°C). Winds will be northwesterly at 10-15 mph (16-25 kph).

Tonight: Skies will continue to be fair as temperatures drop to 45°F (7°C).

Saturday: Increasing cloudiness with highs again near 60°F (16°C).

Sunday: Mostly cloudy with showers likely. Highs 53-58°F (12-14°C).

Forecast by Robert Black

Compiled by David Rothstein and Josh Hartmann

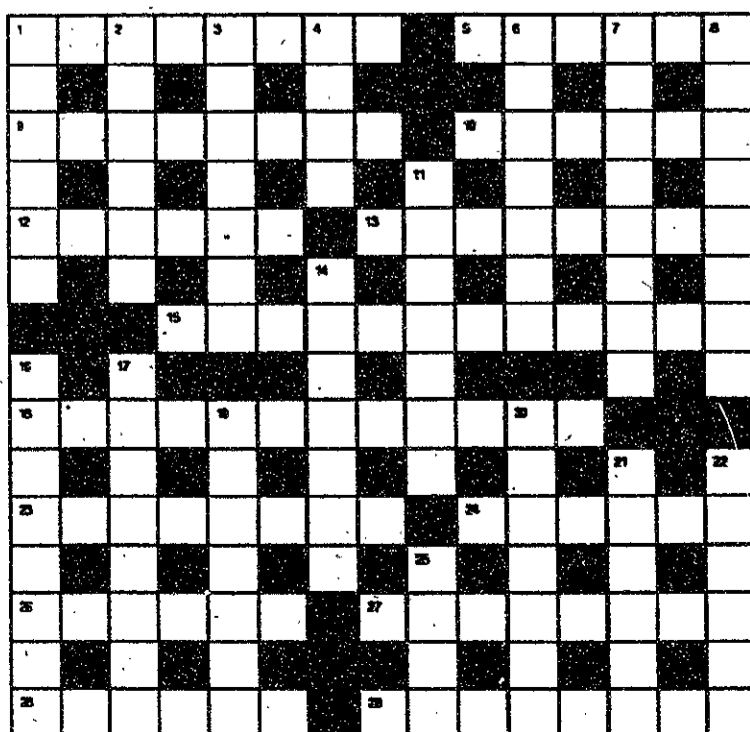
ACROSS

1. Compliments of latter years found here (8)
5. Holler about breaks into scam (6)
9. Decay and a rocky rise confuse out-of-town drivers (8)
10. Loud and stiff — quite cold! (6)
12. Deplane and buy bug spray? (3, 3)
13. Repeated source of water gives knowing expression (4, 4)
15. I, Ribeye Debby, hurriedly produce a Broadway musical (3, 3, 6)
18. Incalculable expression, correct, describes fringe element (7, 5)
23. Confront Cher movie for protection? (8)
24. Instruct the fish community! (6)
26. Admits permit transgression? (4, 2)
27. How trout arranged to evict (5, 3)
28. Awkwardly kiss the Spanish movie critic (6)
29. A state, why, two states contest in foreign park! (4, 4)

Solutions page 12

Cryptic Crossword #5

By David M. J. Saslav



DOWN

1. Hunt for time (6)
2. Clever as old Institute nickname (6)
3. Rift in your archaic penny-pinching (7)
4. Sounds like authentic fishing equipment (4)
6. Composer identifiable by horning or in cellos (7)
7. Unhatched chick governs group of whiz-kids (8)
8. Displayed out-moded pipe turn (8)
11. Intelligent progress found in clientele's issue (7)
14. Outlaw painful boils amid sound of relief (7)
16. FFT rules exchanged for small chocolates (8)
17. Badly cued, a setback enlightens (8)
19. Sounds like bee in income collective (7)
20. Smoked flavor formed by topless chick or positive response (7)
21. For a beer, drunken raccoon gives up 100! (6)
22. I get into woodwind for star quarterback (6)
25. Play goes first-hand into a pig (4)

opinion



LETTERS TO THE EDITOR

Breaking the long chain of intolerance

On April 21, a painful incident occurred here at MIT at a typical fraternity party. Two minorities were standing by the keg talking to friends. They were approached by two fraternity members and asked to move to a "less conspicuous" place or to leave the party. They explained that they personally had no "problem" with the minorities, but some of the party-goers were offended. Since the two fraternity members were such "good hosts," they had no choice but to ask the pair to leave or move to a hidden corner. The "offenders" did protest, and were sent upstairs to a private room to discuss the problem with more sympathetic individuals.

The offense mentioned above was simple affection — a held hand, or an arm casually placed around one another. What made it an offense was that the "offenders" were both male. If it had been any other minority group, two blacks, two Jews, two Hispanics, or two Asians near the keg, would something similar have happened? If not now, would something similar have happened in the 1960s? Not too long ago, an interracial couple would have caused an uproar. Can we not learn from past crimes and mistakes?

All of the above are minorities, including the two gay men. All were born as minorities; they had no choice. Some were born with different skin colors, and some were born with different sexual preferences. All are equally human, and all are equal to the prototypical white-male-Christian-heterosexual — regardless of how ingrained our biases may be, or how intolerant the society is. It is absurd to punish someone for being born as a woman, a Latino, an Asian, a Jew, or a gay. Yes, they are all "different." They are all deviations from the "norm," but so is every person who is not afraid to be an individual. Diversity of any kind should be celebrated, not condemned.

The two "hosts" told the offenders that they should keep that "kind of stuff" separate from "normal" society. Are there to be separate parties, kegs, bathrooms, drinking fountains, schools, doctors, and jobs as well? Is a group to be excluded from mainstream society simply for being born different? Maybe I was naive or idealistic to think that since Americans have made this cruel mistake before, they would never repeat it. Bigotry and intolerance is simply that and nothing else — no matter if it is manifested in slavery, concentration camps, gay-bashing, cross-burning, sexism, or the

more subtle hatred of a segregated "separate but equal" world. What was it about the pair that offended these party-goers? Did they think the couple was unnatural? Disgusting? Sinful? The same thing was said about blacks only a century ago, to justify keeping them enslaved. The same arguments are always used; the minority target just shifts. Why must it continue?

I believe that in a school with some of the world's brightest individuals, we can see this intolerance and mindless hate for what it really is. It has no place among us. Why nurture and encourage it? Why allow it to exist at all in any form? Yes, accepting and learning to live with differences can be difficult; change comes

slowly. But as fighters for equality have proven — the leaders of the civil rights movement, the feminist movement, the gay liberation movement — change must come, and change will come. "Hooray!" for those brave few who have fought and continue to fight for the ideals of equality that our nation is supposed to stand for. "Hooray!" for Rosa Parks who would not yield her seat to a white man on an Alabama bus. "Hooray!" for those two individuals that were daring enough to simply hold hands at a party. Dr. Martin Luther King, Jr.'s dream applies to all of us. Why cannot we open our eyes enough to make that dream a reality and stop this mindless hate?

Jason Satterfield '90

The Tech

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Editorial and letters policy

Editorials, marked and printed in a distinctive format, are the official opinion of The Tech. They are written by The Tech's editorial board.

Columns and editorial cartoons are written by individuals and represent the opinion of the author, not necessarily that of the newspaper.

The Tech welcomes letters from its readers. All letters are subject to editing and are published solely at the editors' discretion. Authors must sign their letters and include their phone number and MIT affiliation, if any, for verification and should type letters double-spaced for ease of reading. Letters should be kept under 500 words. The Tech publishes letters anonymously only in rare circumstances, at the editors' discretion. Bring letters to The Tech's office on the fourth floor of the MIT Student Center or send them to: Letters to the Editor, The Tech, P.O. Box 29, MIT Branch, Cambridge, MA 02139; or to Room W20-483 by interdepartmental mail.

Humans must recognize that plants are people too

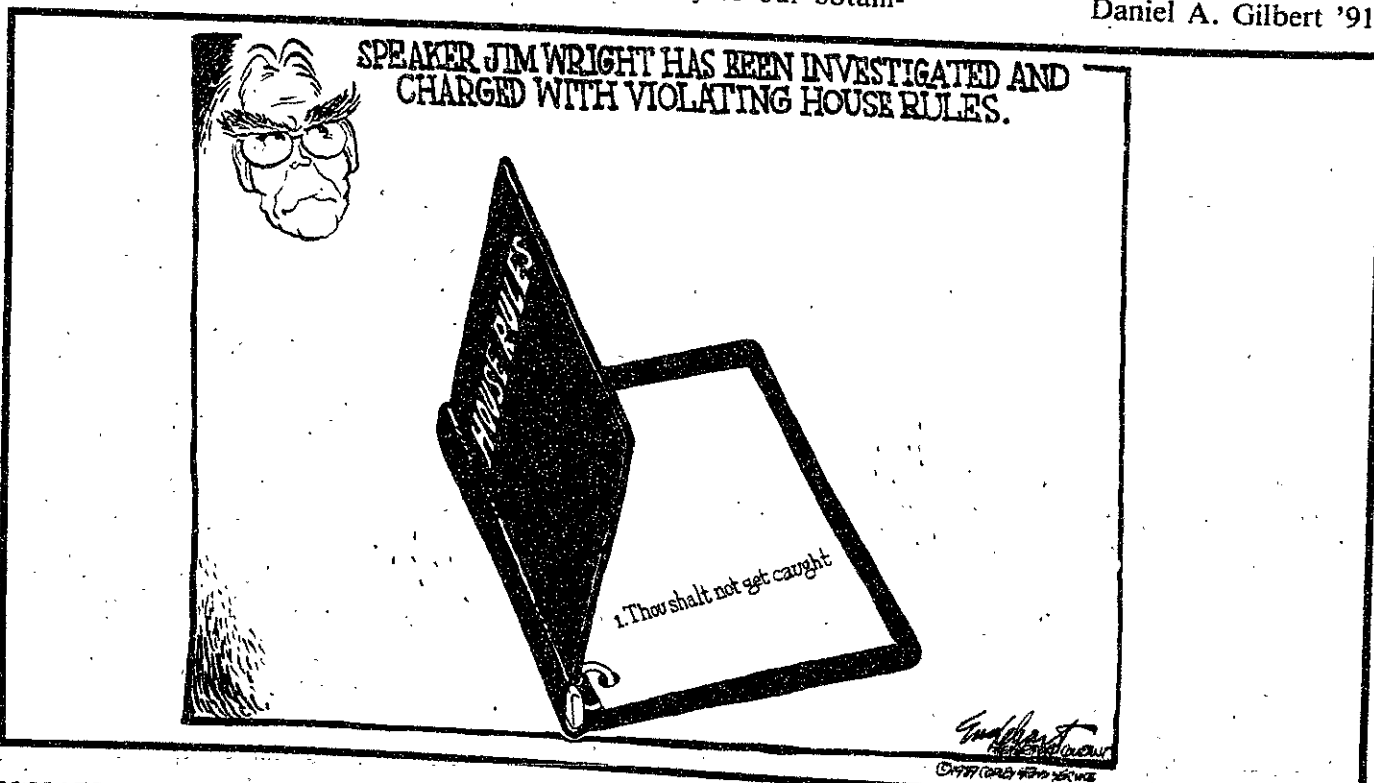
The recent barrage of animal rights literature that has saturated our campus has opened my eyes to the nightmarish crimes that occur around the clock in American laboratories. While animal rights groups are certainly to be commended for their efforts, I now believe that a still greater tragedy has passed unnoticed by the vast majority of our citizens — the wholesale abuse and slaughter of plants.

I have arrived at this conclusion only after a great deal of soul-searching. The traditional animal rights position, of course, states that using animals for human benefit is morally bankrupt. We are informed that justifying animal research by claiming that humans are inherently more valuable than animals is unreasonable; it is only our anthropocentric bias which leads us to conclude that animals are less important simply because they differ from human beings. While this is true, the same analysis applies quite readily to our botani-

cal friends as well. Merely because plants are incapable of motion, emit no brain waves, and have no social structure or mechanism for communication, we arrogantly assume that we may ruthlessly exploit them for our own ends.

We have become so inured to the horrors of plant abuse that we fail to note even egregious violations of this truly righteous "biocentric" philosophy: the seasonal mass execution of billions of wheat and barley organisms, cut down in their prime; the deliberate breeding of new forms of plant life specifically for human consumption; and, most shocking of all, the deliberate torture and mutilation of plants, such as grass merely to satisfy human vanity. Such horrors can no longer be ignored. We, possessing faculties which our brothers in the plant community may lack, must act to protect them from such savagery.

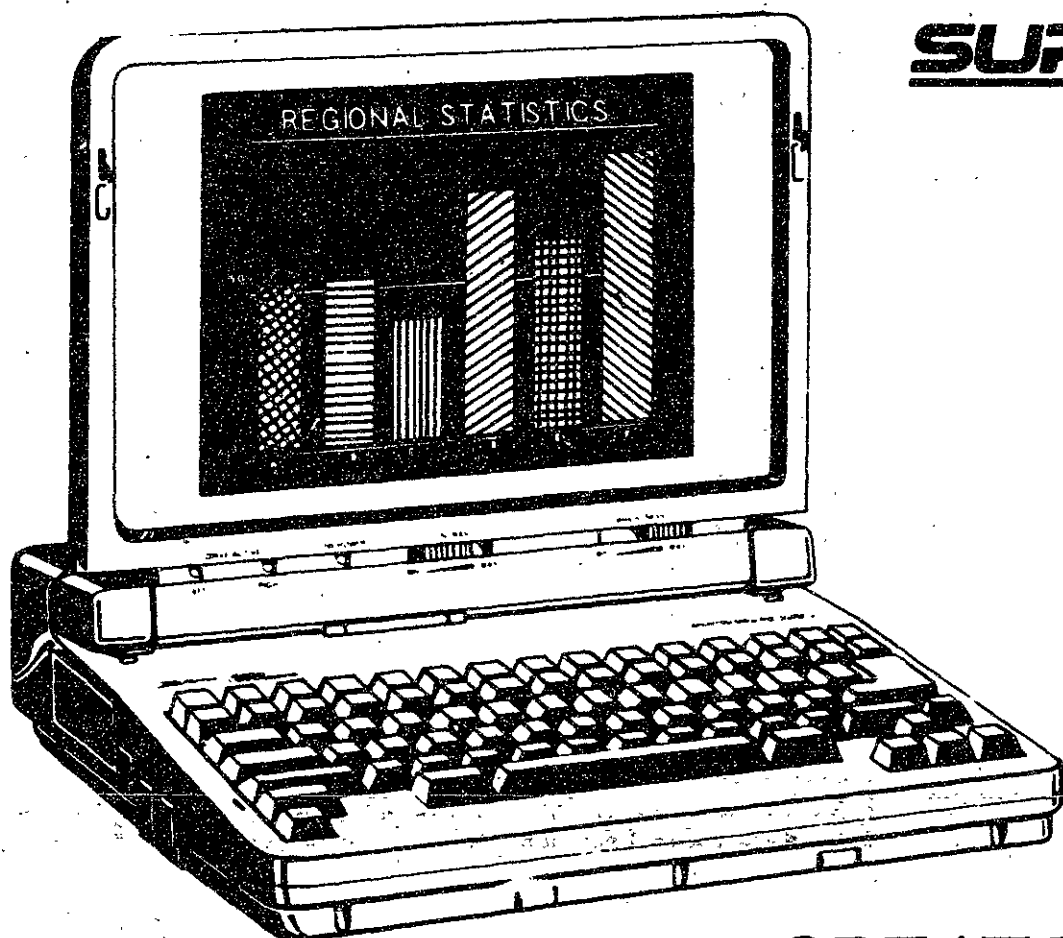
Daniel A. Gilbert '91





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notices

Saturday, Apr. 29

There will be a conference on **Coming Together: A Celebration of a Decade of the Counseling Women Specialization** sponsored by the BU School of Education on Saturday, April 29 from 9 am to 1:30 pm. Registration fee, which includes lunch, is \$20 (\$10 for students). For registration information, call (617) 232-1555 or (617) 353-3276.

There will be a lecture entitled **American and Soviet Teenagers: Concerns About Nuclear War and the Future** at the Cambridge Forum, 3 Church Street, Harvard Square at 8 pm on Wednesday, March 5.

Sunday, Apr. 30

The **Torch Run Relay for Special Olympics** will be held on Sunday, April 30 at 11 am from Tufts University. The race will end at Wellesley College at approximately 4 pm. A reception and raffle will take place in Munger Hall at Wellesley. For more information, call (617) 353-9310.

Rubes By Leigh Rubin



They were having an unheated discussion.

Monday, May 1

The Simmons College Trustman Art Gallery will host **Recent Paintings**, an exhibit of works by Marilyn Levin from May 1-26. Gallery hours are weekdays, 10 am-4:30 pm. An opening reception will be held on Wednesday, May 10 from 4-6 pm. The gallery is located on the 4th floor of Simmons College main building, 300 The Fenway, Boston. For more information, call (617) 738-2145.

Muhammad Ibrahim bin Biraima, Gezira University, Sudan, will discuss "The Economic Philosophy of Islam" at noon in Room 416 of the Boston University African Studies Center, 270 Bay State Road, 4th floor. For more information, call (617) 353-3673.

Tuesday, May 2

Professor Leslie Epstein, director of Boston University's Creative Writing Program, will deliver a lecture entitled "Blue Skies: Reflections on Hollywood and the Holocaust" at 7 pm on Tuesday, May 2 in Room 202 of the BU College of Liberal Arts, 725 Commonwealth Avenue. For more information, call (617) 353-4020.

There will be a lecture on **William Whewell's Coming of Age: An Erotic Analysis** at 8 pm in the Terrace Lounge of Boston University's George Sherman Union, 775 Commonwealth Avenue. For more information, call (617) 353-3067.

Thursday, May 4

There will be a forum entitled **How to Begin Your Career as a Programmer** on Thursday, May 4 at 6:30 pm at the Boston University Corporate Education Center in Tyngsboro, Massachusetts. To reserve a seat or to obtain directions, call Beth Anderson at (508) 649-9731.

There will be a seminar entitled **Divestiture: Five Years and Counting** presented by the MIT Communications Forum from 4-6 pm in Room E15-070 on Thursday, May 4.

Friday, May 5

Black Rose Lectures will sponsor a talk by Franz Minuty, host of "The Caribbean Forum" on WZBC-FM entitled **Beyond Mountains, More Mountains: Haitian People's Difficult Journey to Democracy**. The lecture will take place in Room 9-150. For more information, call (617) 524-0781.

Sunday, May 7

The **20th Annual Walk For Hunger** will be held on Sunday, May 7. You may walk, sponsor a walker, or just give a contribution. Please help us "Feed the Hungry." Call Mary A. Kelley, area coordinator, for more information at (617) 776-7071.

Monday, May 8

Registration Material for the first term 1989-90 will be available in Lobby 10 on Monday, May 8 and Tuesday, May 9. Descriptions of subjects will be available for reference in the main libraries, the information center, and in department headquarters.

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.

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.

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.

Saturday, May 27

There will be a conference entitled **Intercultural Relations: Realities and Rewards** which is designed to promote mutual understanding and effective communication among people of different cultural backgrounds. The conference will be held Saturday through Monday, May 27-29. Registration fees are (\$175 for adults, \$80 for students before May 1). For more information, call (617) 353-3253.

Listings

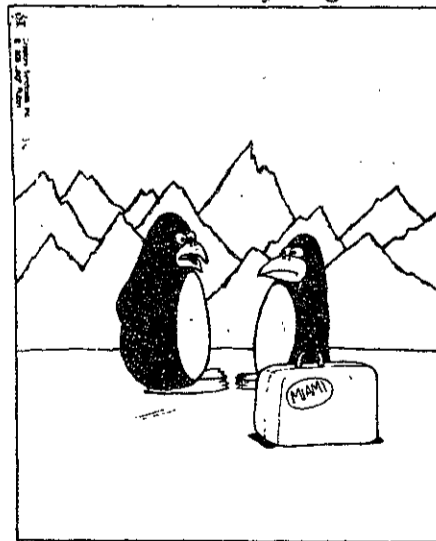
Student activities, administrative offices, academic departments and other groups — both on and off the MIT campus — can list meetings, activities, and other announcements in *The Tech's* "Notes" section. Send items of interest (typed and double spaced) via Institute mail to "News Notes, *The Tech*, 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.

Registrar Notices

Drop Date is Friday, April 28. This is the last day to cancel subjects from registration.

Registration Materials for the 1989 Summer Session will be available Friday, April 21 at the Registrar's Office, E19-335. The forms must be returned by Friday, May 5, 1989.

Rubes By Leigh Rubin



"Well, you nitwit. Besides the fact that we can't fly south for the winter because we can't fly, we can't get any more south than this!"

Announcements

The Fitness Testing Program sponsored by the Sports Medicine Division of the MIT Athletic Department is offered to all students and employees of the Institute who hold a valid athletic card. Individuals over the age of 35 must obtain medical clearance from a personal physician before being allowed to participate in the program. The test consists of a submaximal aerobic ergometer test, flexibility exercises, body fat percentage, and muscular strength and endurance measurements, and takes about 40 minutes to complete. For further information call 3-4908 between 2:30 and 6:00 pm, Monday-Thursday. The tests are free of charge.

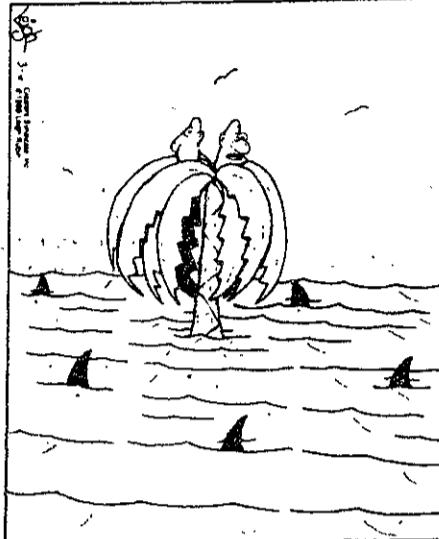
Surplus equipment is available for departments and members of the MIT Community in the **Equipment Exchange**, building NW30, every Tuesday and Thursday from 11 to 3 pm. Thirty days after being advertised in *Tech Talk* the equipment is sold.

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

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

The Off-Campus Housing Service welcomes any member of the community who either has available housing or who is searching for housing to contact our office in Room E32-121, x3-1493.

Rubes By Leigh Rubin



"This ain't so bad... just wait until high tide."

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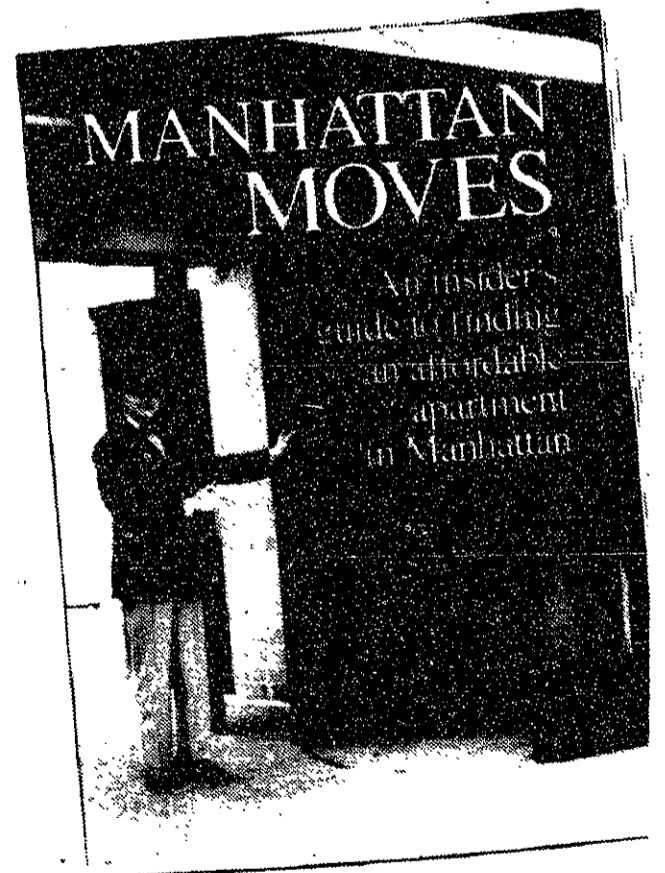
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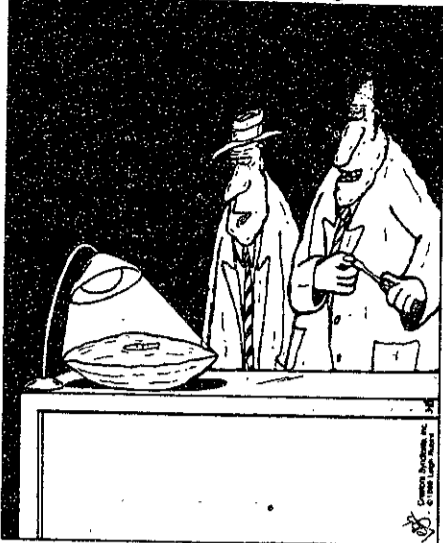
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notices

Rubes By Leigh Rubin



Volunteer Opportunities

Summer Volunteer Opportunity with the Samaritans. A special weekend training on June 3, 10, and 17 will prepare you to answer our phones, offering care and attention to those who are despairing, lonely, or suicidal. Class size is limited, so call soon. For more information, call (617) 247-0220 or (617) 536-2460.

Volunteers Needed for Soviet Resettlement. Help newly-arrived Soviet immigrants improve their English language skills. Volunteers are needed for two hours weekly to visit an immigrant family in their home and help them make a new life in Boston. For more information, call Joanne Spector at (617) 566-5716.

The Massachusetts General Hospital is looking for people with acne, psoriasis, warts, and nail fungus for clinical studies with a new topical medication. For more information, call (617) 726-5066. All visits and treatments are free of charge to all qualified participants, and a remuneration will be granted at the end.

Tutoring Plus is looking for volunteer Big Brothers, Big Sisters, and Tutors to work with area youths. The commitment is 2 to 5 hours a week. If you are interested, please contact Ann Budner at (617) 547-7670.

The MIT/Wellesley Upward Bound Program needs **Instructors and Tutors** to assist disadvantaged high school students in math, english, science, social studies, computer science, and foreign languages. For more information, call (617) 253-5124.

The Cambridge School Volunteers invites you to help us help kids learn. Your time and talents can really make a difference in a child's life. Volunteer opportunities include teaching English as a Second Language, reading stories to young children, tutoring high school students, teaching computers, and helping in the library. For more information, call 498-9218.

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

The Elizabeth Peabody House of Somerville is looking for adult volunteers who are willing to share some of their time with a child who needs their special attention. If you think you can help, please call Julie Yeh at 623-5510 for additional information.

The Greater Framingham Area Veteran's Outreach Center is holding New Rap sessions for Vietnam Veterans every Wednesday (except the third week of the month, when they will be held Thursday) at 7 pm. There is also a group for the wives of Vietnam Veterans. For more information, call 879-9888.

The Epilepsy Association of Greater Boston's School Alert Program is looking for individuals who have epilepsy or their family members to talk with fourth grade students and school personnel in their local community about epilepsy. For more information, please contact Gayle Daley, School Alert Coordinator, Epilepsy Association of Greater Boston at 542-2292.

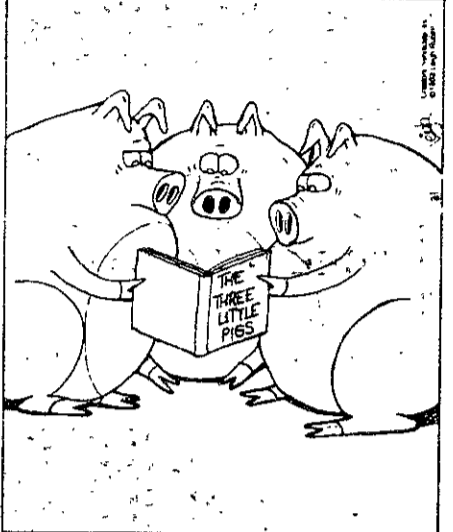
Rubes By Leigh Rubin



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.

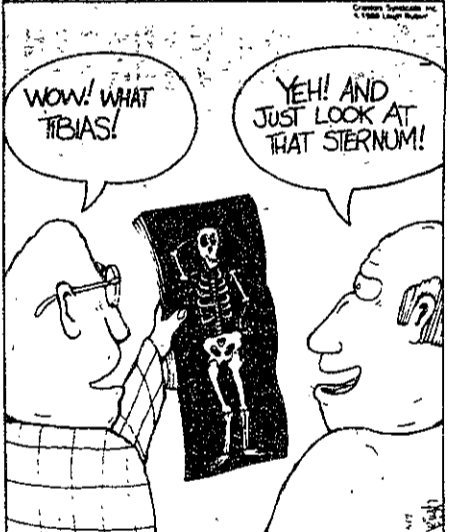
Rubes By Leigh Rubin



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.

Rubes By Leigh Rubin



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.

The **Foreign and Domestic Teachers Organization** needs teacher applicants in all fields from kindergarten through college to fill over six hundred teaching vacancies both at home and abroad. For more information, write The National Teacher's Placement Agency, Universal Teachers, Box 5231, Portland, Oregon 97208.

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

Teach an adult to read — If you have two hours a week to spare, you can help one of Boston's 100,000 illiterate adults to read. The Adult Literacy Resource Institute is offering free tutor training. No prior experience is required — just a high school diploma and a desire to help. Contact Beth Sauerhaft, Volunteer Tutor Coordinator at 232-4695 or 734-1960 x112 for more details.

Free Information

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

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.

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.

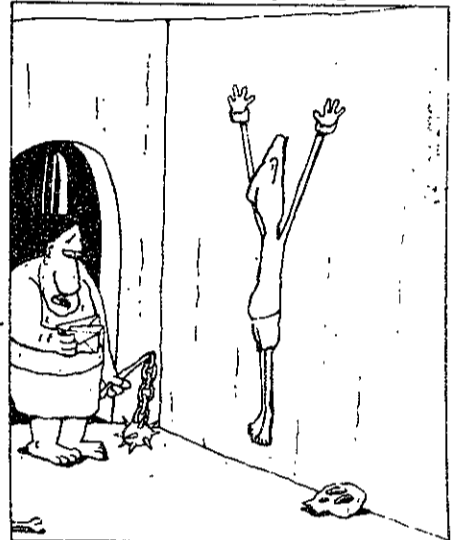
The **Cambridge Dispute Settlement Center** has announced that it is making its service of mediating disputes available to roommates in the Cambridge area. Those interested in using CDSC's service to resolve a roommate dispute or any other dispute should contact the mediation center at 876-5376.

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 E51-218. 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.

Rubes By Leigh Rubin



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 post-marked 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.

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.

Attention Graduate Students!

There are positions available for graduate students to serve on the following Institute Committees during the 1989-90 year:

- Committee on Discipline
- Faculty Policy Committee
- Committee on Graduate School Policy
- Committee on the Library System
- Committee on Student Affairs
- Athletic Board
- Committee on Assessment on Biohazards
- Commencement Committee
- Community Service Fund Board
- Equal Opportunity Committee
- Committee on Foreign Scholarships
- IAP Policy Committee
- Committee on International Institutional Commitments
- Medical Consumers' Advisory Council
- Prelaw Advisory Council
- Committee on Radiation Protection
- Committee on Safety
- Committee on Toxic Chemicals
- Committee on the Use of Humans as Experimental Subjects
- Committee on the Visual Arts
- Women's Advisory Board
- Advisory on Women Students' Interests
- Advisory Committee on Shareholder Responsibility
- Corporation Joint Advisory Committee
- Ad Hoc Committee on Family and Work

If you are interested in serving on any one of these committees, please stop by the Graduate Student Council office 50-222 between 1:30 and 5:00 weekdays to get a nominations form. If you are currently on one of these committees, you must re-apply. Interviews will be held from 5:30 to 8:30 PM on Monday, May 1 and Tuesday, May 2. If you have any questions, please call the GSC at 253-2195.

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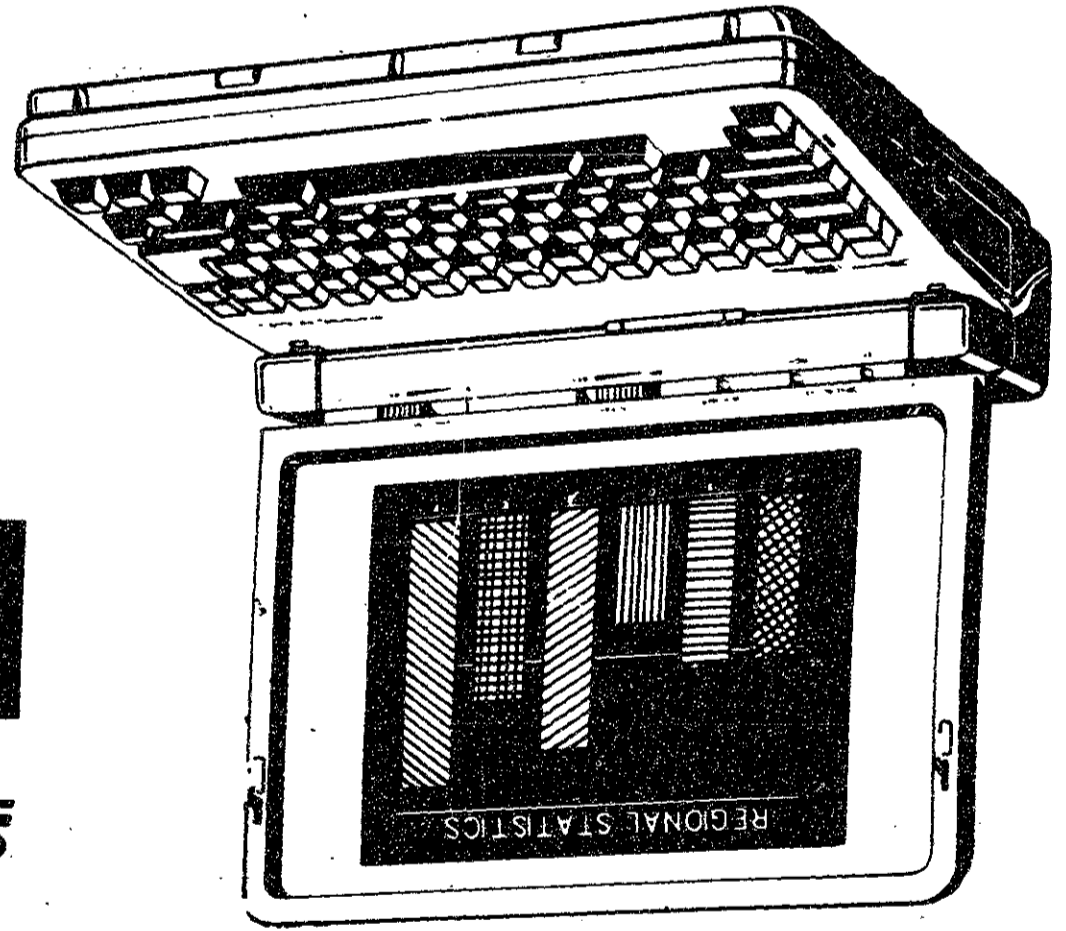
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ARTS

On The Town

Compiled by Peter Dunn

Friday, Apr. 28

THEATER

*** CRITIC'S CHOICE ***
Henry V. by William Shakespeare, is presented by the MIT Shakespeare Ensemble at 8 pm in the Sala de Puerto Rico, MIT Student Center. Also presented Saturday, April 29 at 8 pm. Tickets: \$6 general, \$4 seniors and students. Telephone: 253-2903.

Zoe Caldwell performs in *Come A-Waltzing with Me*, a one-woman theater evening, at 8 pm in MIT's Kresge Auditorium. No admission charge. Telephone: 253-2906.

George M!, a musical about the master showman, is presented by Emerson College at 8 pm at the Majestic Theater, 215 Tremont Street, Boston. Also presented Saturday, April 29 at 2 pm & 8 pm. Tickets: \$8.50 and \$10.50. Telephone: 578-8785.

Terrain-II and Blades of Grass are presented at 8 pm at Mobius, 354 Congress Street, Boston. Also presented April 29 at 8 pm and April 30 at 2 pm. Tickets: \$7 evenings, \$4 matinee. Tel: 542-7416.

PERFORMANCE

Naïl Toibin performs at 8 pm at the Somerville Theatre, 55 Davis Square, Somerville, just by the Davis Square T-stop on the red line. Tel: 625-1081.

LECTURES

Ninotchka Rosca reads from her own work as a presentation of Amnesty International MIT Group and the MIT Filipino Students at 7:30 in MIT room 6-120. No admission charge. Tel: 253-7826.

Margaret Mahy delivers the third *Mary Nagel Sweitzer Lecture* at 7:30 at Simmons College, 300 The Fenway, Boston. No admission charge, but advanced ticket reservation are required. Telephone: 738-2257.

POPULAR MUSIC, ETC.

*** CRITIC'S CHOICE ***
Michael Feinstein performs in concert in *Isn't It Romantic* at 8 pm at the Colonial Theater, 106 Boylston Street, Boston. Also presented April 29 and 30 at 8 pm with matinees at 3 pm. Tickets: \$22.50 to \$35. Telephone: 426-9366.

Barrence Whitfield and the Savages and The Joneses perform at the Paradise, 967 Commonwealth Avenue, Boston. Telephone: 254-2052.

The Rick Berlin Band, with guests Al Halliday and the Hurricanes, Electric Toys, Truth to the Rumor, and Camera Ready, performs at the Channel, 25 Necco Street, near South Station in downtown Boston. Tickets: \$3.50. Telephone: 451-1905.

Moe Tucker and Jad Fair perform at 7:30 & 10:30 at Necco Place, 1 Necco Place, Boston. Tickets: \$8.50/\$9.50. Telephone: 426-7744.

The Cavedogs, The Matweeds, and Wishniaks perform at T.T. the Bear's, 10 Brookline Street, Cambridge, just north of MIT. Telephone: 492-0082.

The Bonedaddy's, with guests Bokar, perform at 10 pm at Axis, 13 Lansdowne Street, Boston, near Kenmore Square. Telephone: 262-2437.

The Zulus, El Topo, and Medicine Ball perform at the Rat, 528 Commonwealth Avenue, Kenmore Square, Boston. Telephone: 247-8309.

Surreal McCoy's and The Gordons perform at Johnny D's, 17 Holland Street, Somerville, just by the Davis Square T-stop on the red line. Tel: 776-9667.

The Mighty Diamonds perform at 8 pm & 11 pm at Nightstage, 823 Main Street, Cambridge, just north of MIT. Tickets: \$12.50. Telephone: 497-8200.

*** CRITIC'S CHOICE ***
Astor Piazzolla, architect of the 'nuevo tango,' performs at 8 pm in Alumni Auditorium, Ell Building, Northeastern University, Huntington Avenue, Boston. Tickets: \$14 and \$16.50. Telephone: 437-2247.

CLASSICAL MUSIC

Flutist Brigitte Pak '91 performs works by Bach, Varese, and Gaubert in an *Advanced Music Performance Student Recital* at 12:05 in Killian Hall, MIT Building 14. No admission charge. Telephone: 253-2906.

The Wellesley College Chamber Orchestra performs at 8 pm in Jewett Auditorium, Wellesley College. No admission charge. Telephone: 235-0320 ext. 2028.

*** CRITIC'S CHOICE ***
The Boston Symphony Orchestra with the Tanglewood Festival Chorus perform Beethoven's *Symphony No. 6, 'Pastoral'* and Ravel's *Daphnis and Cloe'* 2 pm at Symphony Hall, Huntington and Massachusetts Avenues, Boston. Also presented April 29 and May 2 at 8 pm. Tickets: \$16 to \$42.50 general. Telephone: 266-1492.

The Emmanuel Chamber Orchestra and Chorus Pro Musica perform in a *Gala John Harbison 50th Birthday Celebration* at 8 pm in Emmanuel Church, 15 Newbury Street, Boston. Tickets: \$10. Telephone: 536-3356.

The Guarneri String Quartet performs works by Mozart, Barber, and Schubert at 8 pm in Jordan Hall, New England Conservatory, 30 Gainsborough Street at Huntington Avenue. Tickets: \$18, \$20, and \$22. Telephone: 536-2412.

*** CRITIC'S CHOICE ***
The Handel and Haydn Chamber Chorus and Period Ensemble performs works by Pachelbel and Buxtehude at 8 pm in Old West Church, 131 Cambridge Street, Boston. Telephone: 266-3605.

The Harvard Radcliffe Orchestra with violinist Robert McDuffie performs works by Petros and Mahler at 8 pm in Sanders Theater, Quincy and Kirkland Streets, Cambridge. Tickets: \$3, \$5, \$7.

Soprano Laurie Monahan and organist Peter Sykes perform works by Rosa Giacinta Badalla, Francesco Cavalli, Claudio Monteverdi, Sigismondo D'India, Francesca Caccini, and J.S. Bach in an *Longy Faculty Artists Series* concert at 8 pm at First Church, Congregational, 11 Garden Street, Cambridge. No admission charge. Telephone: 876-0956.

DANCE

Impulse Dance Company performs at 8 pm at the Strand Theater, 543 Columbia Road, Dorchester, near the JFK/UMass/Columbia T-stop on the red line. Also presented Saturday, April 29. Tickets: \$15 general, \$12 seniors and students. Telephone: 576-6623.

FILM & VIDEO

*** CRITIC'S CHOICE ***
The MIT Lecture Series Committee presents Howard Hawks' *The Twentieth Century* (1934) at 7:30 in 10-250 and *Mystic Pizza* at 7:00 & 10:00 in 26-100. Admission: \$1.50. Telephone: 258-8881.

The Somerville Theatre presents *The Best of the Fest*, a collection of animated short films, at 7:00 & 9:30. Continues through Monday, May 8. Located at 55 Davis Square, Somerville, just by the Davis Square T-stop on the red line. Tickets: \$5. Telephone: 625-1081.

The Harvard Film Archive continues its *Harvard Filmmakers* series with *Antigone/Rites for the Dead* (Amy Greenfield, 1989) at 7 pm & 9 pm. The director Amy Greenfield will be present. Located at the Carpenter Center for Visual Arts, 24 Quincy Street, Harvard Square, Cambridge. Tickets: \$5. Telephone: 495-4700.

*** CRITIC'S CHOICE ***
The Museum of Fine Arts continues its series *International Avant-Garde* with *The Eye Above the Well* (Johan van der Keuken, 1988, Netherlands) at 5:30 and *Horse Thief* (Tian Zhuangzhuang, 1986, China) at 7:30. Screenings in Remis Auditorium, MFA, 465 Huntington Avenue, Boston. Tickets: \$4 general, \$3.50 MFA members, seniors, and students. Telephone: 267-9300.

The Massachusetts College of Art presents films as part of the *Issues of Cultural Representation in Filmmaking* symposium: *Prayer* (Marisol Trujillo, 1986, Cuba), *Medina...* *Ma Memoire* (Fatma Skandrani, 1988, Tunisia), & *1001 Camels* (Fatma Skandrani, 1987, Tunisia) at 10 am, *Sambizanga* (Sarah Maldoror, 1972, Congo) at 1:30, *Joe's Bed-Stuy Barbershop: We Cut Heads* (Spike Lee, 1983) at 4:00, *Tea In The Harem* (Mehdi Charef, 1985, France) at 7:00, and *Ping Pong* (Po Chih Leong, 1986) at 9:45. Located at 621 Huntington Avenue, Boston. Tickets: \$3. Telephone: 232-1555 or 536-1540.

The Brattle Theatre presents *Yeelen* (Souleymane Cisse, 1987, Mali) at 6 pm & 8 pm as part of the *Issues of Cultural Representation in Filmmaking* symposium. Continues through May 4. Located at 40 Brattle Street, Harvard Square, Cambridge. Tickets: \$5. Tel: 536-1540.

Saturday, Apr. 29

POPULAR MUSIC, ETC.

*** CRITIC'S CHOICE ***
The Neighborhoods, with guests The Pandoras, Pilgrims Soul, Nor'Easters, Down Staircase, and G. G. Turner, perform at the Channel, 25 Necco Street, near South Station in downtown Boston. Tickets: \$3.50. Telephone: 451-1905.

Blood Oranges, From Good Homes, and Knots and Crosses perform at T.T. the Bear's, 10 Brookline Street, Cambridge, just north of MIT. Telephone: 492-0082.

Galaxie 500, Eugene Chadbourne, Ed's Redeeming Qualities, and When People Were Shorter perform at the Rat, 528 Commonwealth Avenue, Kenmore Square, Boston. Telephone: 247-8309.

Delbert McClinton and Flight 505 perform at Johnny D's, 17 Holland Street, Somerville, just by the Davis Square T-stop on the red line. Tel: 776-9667.

Sugar Ray and the Blue Tones and The 11th Hour Blues Band perform at 7:30 & 10:30 at Necco Place, 1 Necco Place, Boston. Tickets: \$6.50/\$7.50. Telephone: 426-7744.

Pousette Dart Band performs at 8 pm & 11 pm at Nightstage, 823 Main Street, Cambridge, just north of MIT. Telephone: 497-8200.

CLASSICAL MUSIC

*** CRITIC'S CHOICE ***
The MIT Symphony Orchestra with pianist Ruth Ying-Hsin Shindler performs Beethoven's *Piano Concerto No. 5* and *Symphony No. 5* at 8:30 in Kresge Auditorium. Admission: \$1. Telephone: 253-2906.

The Boston University Chorus with Period Orchestra performs Haydn's *Symphony No. 44* and *Missa in Angustis* at 8 pm at the Tsai Performance Center, 685 Commonwealth Avenue, Boston. No admission charge. Telephone: 353-3345.

FILM & VIDEO

The MIT Lecture Series Committee presents Oliver Stone's *Talk Radio* at 7 pm & 10 pm in 26-100. Admission: \$1.50. Telephone: 258-8881.

The Harvard Film Archive continues its *Harvard Filmmakers* series with *Semper Fi* (Geoffrey Luck, 1987), *Normality* (Cecilia Miniucchi, 1989), and *Night Train* (Phillipe Browning, 1987) at 7 pm and *Belize the Cajun* (Glen Pitre, 1986) at 9 pm. Located at the Carpenter Center for Visual Arts, 24 Quincy Street, Harvard Square, Cambridge. Tickets: \$3 general, \$2 seniors and children, \$5/\$4 for the double feature. Tel: 495-4700.

The Massachusetts College of Art presents films as part of the *Issues of Cultural Representation in Filmmaking* symposium: *Phaniyamma* (Prema Karanth, 1982, India) at 10 am, *Ping Pong* (Po Chih Leong, 1986) at 7 pm, and *Tea In The Harem* (Mehdi Charef, 1985, France) at 9:30. Located at 621 Huntington Avenue, Boston. Tickets: \$3. Telephone: 232-1555 or 536-1540.

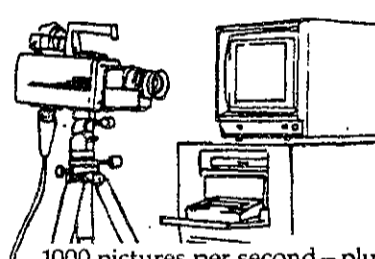
The 1988 SIGGRAPH film show, a 90-minute selection of state of the art computer graphics, is presented in continuous shows from 11 am to 4 pm at the Computer Museum, 300 Congress Street, Boston. Also presented Sunday, April 30. Admission: \$5 general, \$4 seniors and students. Telephone: 423-6758.

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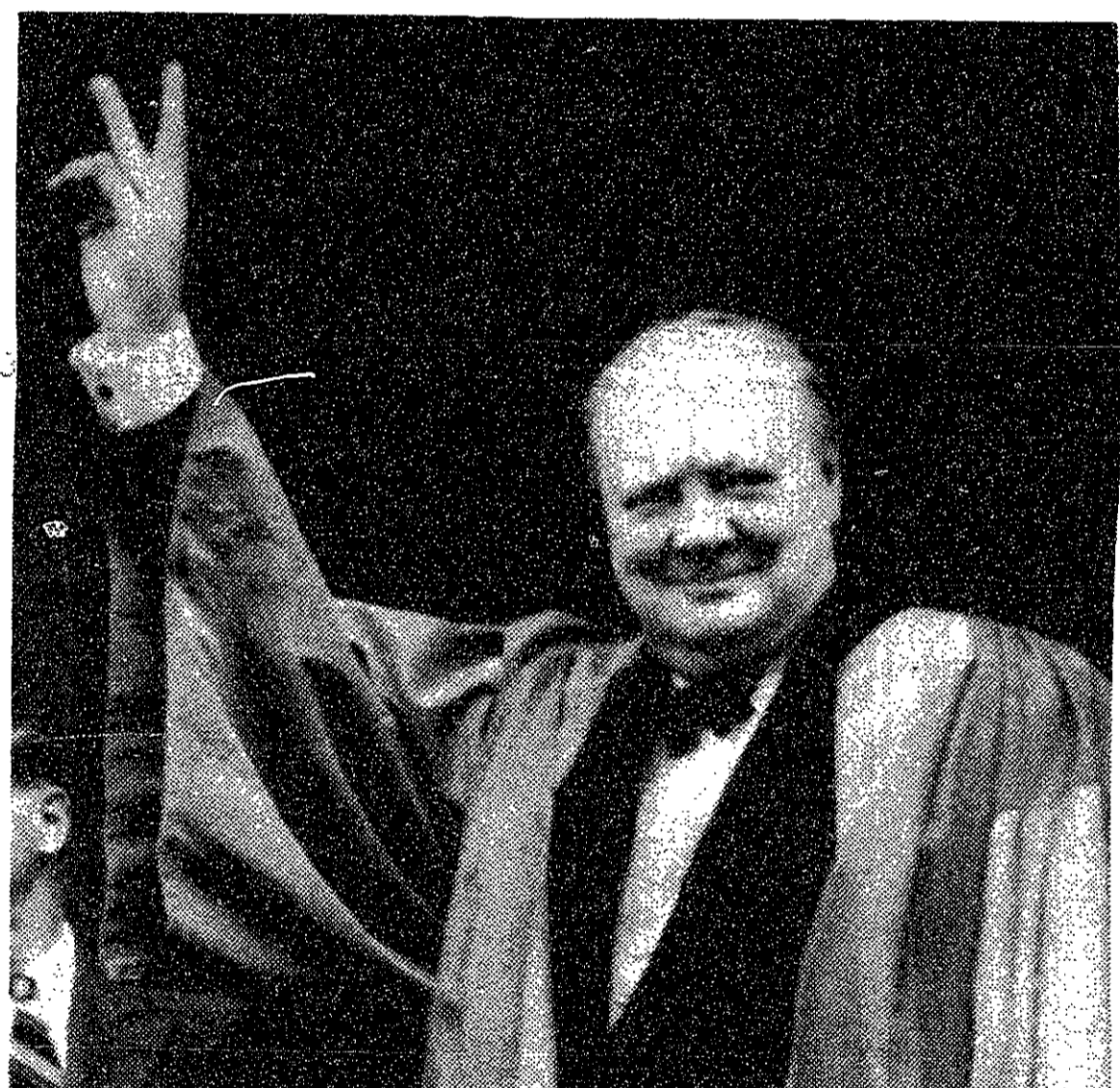
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ARTS

On The Town

Compiled by Peter Dunn

Sunday, Apr. 30

POPULAR MUSIC, ETC.

*** CRITIC'S CHOICE ***
Bim Skala Bim (2:00), **The Neighborhoods** (3:30), **Tribe** (5:00), and **Heretix** (6:30) perform in the **Wellesley Spring Weekend Concert** at the Wellesley Sports Complex. Tickets: \$8 advance/\$10 at the door. Telephone: 235-0320 ext. 2678.

*** CRITIC'S CHOICE ***

The Cowboy Junkies perform at 7 pm at the Berklee Performance Center, 136 Massachusetts Avenue, Boston. Telephone: 787-8000.

T. H. and the Wreckage perform at 7:30 at Necco Place, 1 Necco Place, Boston. Tickets: \$3.50/\$4.50. Tel: 426-7744.

Phish perform at 9 pm at Nightstage, 823 Main Street, Cambridge, just north of MIT. Telephone: 497-8200.

JAZZ MUSIC

Didi Stewart and Friends perform at 7 pm & 9 pm at the Regattabar, Charles Hotel, One Bennett Street, Harvard Square, Cambridge. Tickets: \$7.75. Telephone: 864-1200.

FILM & VIDEO

The MIT Lecture Series Committee presents **The Paper Chase** at 8 pm in 10-250. Admission: \$1.50. Telephone: 258-8881.

The Harvard-Epworth Church presents **The Beggar's of Life** (William Wellman, 1928) at 8 pm. Located at 1555 Massachusetts Avenue, Cambridge, just north of Harvard Square. Admission: \$3 contribution. Telephone: 354-0837.

The Harvard Film Archive continues its **French Revolution** series with Jean Renoir's **La Marseillaise** (1938) at 4 pm & 7 pm. Located at the Carpenter Center for Visual Arts, 24 Quincy Street, Harvard Square, Cambridge. Tickets: \$3 general, \$2 seniors and children. Telephone: 495-4700.

The French Library Cine Club begins its film series **France and the Arab World** with **La bataille d'Alger** (*The Battle of Algiers*, Real Gillo Pontecorvo, 1965) at 8 pm. Also presented Monday, May 1. 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.

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.

CLASSICAL MUSIC

The Civic Symphony Orchestra of Boston performs Verdi's **Requiem** at 3 pm in Jordan Hall, New England Conservatory, 30 Gainsborough Street at Huntington Avenue, Boston. Tickets: \$8 and \$12. Telephone: 437-0231.

The Boston Museum Trio and cellist **Laura Blustein** perform works by Mozart at 3 pm in Remis Auditorium, Museum of Fine Arts, 465 Huntington Avenue, Boston. Tickets: \$12 general, \$10 MFA members, seniors, and students. Telephone: 267-9300.

The Old South Choir and The Parish Choir perform Haydn's **Creation Part III** at 4 pm in Old South Church, 645 Boylston Street, Boston. No admission charge. Telephone: 536-1970.

*** CRITIC'S CHOICE ***

An **Early Music Concert** is presented by the Longy School of Music at 4 pm in the First Church, Congregational, 11 Garden Street, Cambridge. No admission charge. Tel: 876-0956.

Monday, May 1

POPULAR MUSIC, ETC.

Killing Joke performs at 8 pm at Axis, 13 Lansdowne Street, Boston, near Kenmore Square. Tickets: \$16.50 advance/\$17.50 day of show. Tel: 262-2437.

FILM & VIDEO

The Harvard Film Archive continues its Monday film series **Three Directors** with Jean-Luc Godard's **Tout va bien** (*Just Great*, 1972, France/Italy) at 5:30 & 8:00. Located at the Carpenter Center for Visual Arts, 24 Quincy Street, Harvard Square, Cambridge. Tickets: \$3 general, \$2 seniors and students. Telephone: 495-4700.

Tuesday, May 2

THEATER

King Lear, Shakespeare's tragic masterpiece, opens today as a presentation of the Boston University School of Theatre Arts at the Boston University Theatre, 264 Huntington Avenue, Boston. Continues through May 7 with performances at 8 pm, except May 7 at 2 pm. Tickets: \$5 and \$7 general, \$3 seniors and students. Telephone: 266-3913.

FILM & VIDEO

The Harvard Film Archive continues its Tuesday series **Narrative Approaches** with **Les Rendezvous d'Anna** (Chantal Akerman, 1978, Belgium/France) at 5:30 & 8:00. Located at the Carpenter Center for Visual Arts, 24 Quincy Street, Harvard Square, Cambridge. Tickets: \$3 general, \$2 seniors and children. Telephone: 495-4700.

POPULAR MUSIC, ETC.

Dunptuck performs at 8 pm at Hub Club, 533 Washington Street, Boston. Tickets: \$6 advance/\$8 at the door. Telephone: 451-6999.

The **Untouchables**, with guests **Thick As Thieves**, 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 **Norberts**, with guests **Gigolo Aunts**, perform at 7:30 at Necco Place, 1 Necco Place, Boston. Tickets: \$2.50. Telephone: 426-7744.

JAZZ MUSIC

Billy Novick and **Guy Van Duser** perform at 9 pm at the Regattabar, Charles Hotel, One Bennett Street, Harvard Square, Cambridge. Tickets: \$4.75. Telephone: 864-1200.

The **Peter Cassino Jazz Ensemble** performs in a **Longy Faculty Artists Series** concert at 8 pm in the Edward Pickman Concert Hall, Longy School of Music, Follen and Garden Streets, Cambridge. No admission charge. Tel: 876-0956.

The Boston University Jazz Lab Band performs at 8 pm in the Tsai Performance Center, 685 Commonwealth Avenue, Boston. No admission charge. Telephone: 353-3345.

Ongoing Theater

Androcles and the Lion, by Aurand Harris, continues through May 7 at the Wheelock Family Theatre, 200 The Riverway, Boston, near the Fenway T-stop on the green line. Performances are Friday & Saturday at 7:30, matinees Saturday & Sunday at 3:00. Tickets: \$6. Telephone: 734-5203.

*** 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.

An **Evening with Mark Twain**, with Stan Gill, continues indefinitely at the Boston Baked Theatre, 255 Elm Street, Davis Square, Somerville. Performances are Thursday-Friday at 8:15, Saturday at 7:00 & 9:15, and Sunday at 3:00. Tickets: \$11 to \$14 general, \$2.50 discount to seniors and students. Tel: 628-9575.

The **Empire Builders**, French playwright Boris Vian's absurdist fable, continues through May 7 as a presentation of the A.K.A. Theatre at the Boston Center for the Arts Neighborhood Arts Center, 551 Tremont Street, Boston. Performances are Saturday and Sunday at 8 pm. Tickets: \$8 general, \$6 seniors and students. Telephone: 536-2150.

Forbidden Broadway 1989, the latest updated version of Gerard Alessandrini's musical comedy revue, continues indefinitely at the Terrace Room, Boston Park Plaza Hotel. Performances are Tuesday-Friday at 8 pm, Saturday at 7 pm & 10 pm, and Sunday at 3 pm & 6 pm. Tickets: \$16.50 to \$24.50 depending on performance. Telephone: 357-8384.

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.

In **Twilight: Tales from Chekhov**, four short Chekhov stories, continues through April 30 as a presentation of the American Repertory Theatre at the Loeb Drama Center, 64 Brattle Street, Cambridge. Performances are Thursday-Saturday at 8 pm, Sunday at 7 pm, and matinees Saturday-Sunday at 2 pm. Tickets: \$15 and \$19 general, \$2 discount to ART subscribers and seniors. Tel: 547-8300.

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.

Nonsense, depicting the talent show staged by the Little Sisters of Hoboken in order to raise money to bury four of their number currently in the convent freezer, continues indefinitely at the Charles Playhouse, 74 Warrenton Street, Boston. Performances are Tuesday-Friday at 8 pm, Saturday at 6 pm & 9 pm, matinees Thursday at 2 pm and Sunday at 3 pm. Tickets: \$15.50 to \$26.50. Telephone: 426-6912.

*** 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.

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 ***

The Search for Signs of Intelligent Life in the Universe, Jane Wagner's one-woman theater piece starring Lily Tomlin, continues through April 29 at the Shubert Theatre, 265 Tremont Street, Boston. Performances are Monday-Saturday at 8 pm, Saturday matinees at 2 pm. Tickets: \$15 to \$37.50. Telephone: 426-4520.

Shear Madness, the long-running comic murder mystery, continues indefinitely at the Charles Playhouse, 74 Warrenton 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 surrealist 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.

Two by Korder: Fun and Nobody, by Howard Korder, continue through April 30 as a presentation of the American Repertory Theatre at A.R.T./New Stages, 12 Holyoke Street, Harvard Square, Cambridge. Performances are Tuesday-Saturday at 8 pm, Sunday at 7 pm, matinees Saturday & Sunday at 2 pm. Tickets: \$15 and \$19. Telephone: 547-8300.

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
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 Wiesner Building E15, 20 Ames Street. 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 Churg-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.

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

Realms of Gold, gold and gilded objects ranging from Bronze Age fertility goddess to a 1988 American pin set with opals, continues through May 7 at the Museum of Fine Arts, 465 Huntington Avenue, Boston. Telephone: 267-9300.

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.

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.

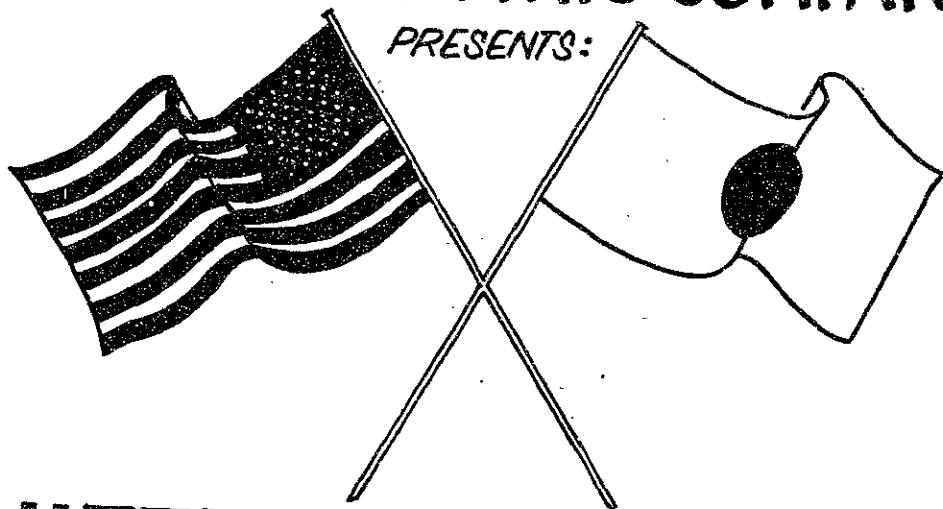
To The Limit continues through October 22 at the Mugar Omni Theater, Boston Museum of Science, Science Park, Boston. Screenings are Tuesday-Sunday 11 am, 1, 2, 3, 7, 8 pm, and Saturday-Sunday 4, 5, 6 pm. Admission: \$6 general, \$4 seniors and children. Telephone: 589-0100.

Upcoming Events

Tom Tom Club performs at the Paradise on May 3, 4, and 5. **MIT Dramashop** in *The Doctor and the Devils*, May 4 to May 13. **Til Tuesday** at Spring Weekend on May 5. **The Boston Pops Opening Night** at Symphony Hall on May 9. **Nojo Nixon** at the Paradise on May 11. **Rod Stewart** at Great Woods on May 28 and 29. **Sarah Vaughan**, **The Dave Brubeck Quartet**, and **Brandford Marsalis** at Great Woods on June 24.

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ARTS

Despite premiere of Hoffman work, Pro Arte falls flat

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Kristina Nilsson, James Bulger, Nancy Armstrong
Sanders Theatre, Wednesday, April 26.

By DAVID STERN

HOPEFULLY, WEDNESDAY WAS just an off night for the Pro Arte Chamber orchestra. Their performance of Bach's *Concerto in C minor for oboe, violin, string orchestra, and continuo* was adequate but displayed a lack of vigor by the orchestra and

occasional faulty technique by solo violinist Kristina Nilsson. Likewise, *Cantata for soprano, oboe, strings, and continuo* ("Wedding" Cantata), featuring a toothy Nancy Armstrong, suffered similar problems.

The next piece, the premiere of local composer David Hoffman's *Out of the Blue*, was completely fresh and engaging: Hoffman, who is also a professor at Harvard Medical School, makes minimalist music — not the repeat *ad infinitum, ad nauseum* style of Philip Glass, but closer rather to the more subtle approach of Steve Reich. *Out of the Blue* is inspired by the blues (which Hoffman states "are in a sense a prototypic minimalist form . . .

employing prominent structural and motivic repetition"), but oddly it more closely resembles Debussy with its lush orchestration and coloristic use of harmony. It also had some wonderful, original effects for strings and muted horns. The music was exciting and captivating from beginning to end. I would very much like to hear this piece again.

After Hoffman's dynamic work came a rendition of Schubert's *Symphony No. 8*

("Unfinished") which made me shudder. The playing was sloppy and rushed, occasionally marked by intonation problems, and the dramatic nature of the piece was suppressed by the interpretation.

Pro Arte's next concert will be Sunday, May 21, and will feature Gunther Schuller (who was just appointed Pro Arte's new principal guest conductor) conducting *Saint Peter*, a forgotten 19th century oratorio by John Knowles Paine.

Krige reflects on past and current projects

ALICE KRIGE

A press luncheon with Alice Krige, co-star of Alan J. Pakula's *See You in the Morning*.

By MANAVENDRA K. THAKUR

ALICE KRIGE LOOKS NOTHING like Beth Goodwin, her character in Alan J. Pakula's *See You in the Morning*. At a luncheon with eight or nine film critics, she arrives wearing no makeup and comfortably dressed in a loosely fitting, plain gray dress. The only jewelry she wears is a discreet gold wedding ring — no earrings or necklaces — and her wavy hair flows down toward her waist.

What prompted her, then, to take the role of Beth, who seems about as different from her as anyone can be? Pausing a bit, Krige soon replies, "I was . . . moved by Beth's journey. She's someone I feel close to. . . I [used to get] very anxious about things. I learned not to worry" much in the same way that Beth does in the film.

Most of Krige's answers followed this pattern. Krige speaks in slow, measured terms, always pausing to search for the proper words before responding to a query. Unhurried and unworried about the silent gaps between her sentences, she fields questions in a quiet and contemplative style, almost as though her luncheon companions didn't exist and she was talking to herself. Born and raised in South Africa, her voice has a slight but distinctive British accent.

She told a story of how she originally

went to Rhodes University (in South Africa) to follow in the footsteps of her mother, who worked as a psychologist. While Krige was a student, the university started a drama school. She had one free credit, and her parents urged her to take a dramatic acting class. The rest, as they say, is history.

She got an honors degree (a degree earned after the bachelor's) in drama and went to acting school in London. There, she made her professional acting debut on British television in 1979 and went on to roles in films like *Chariots of Fire*, *Ghost Story*, *King David*, *Barfly*, and *Haunted Summer*. "I love to work in both" film and stage, she says. "There is something about the cinema that gets me wildly excited. It's incredibly real, and it takes me away. Theater does something else."

When asked whether she drew on personal experiences during the filming of *See You in the Morning*, she gathered herself and replied "I come from a very happy family" and that divorce was not a consideration in her family. About the film itself, she allowed herself only the small comment that "I didn't think of the movie as 'goody goody. . .'. It's very honest."

Krige mentioned that she is currently developing a project with her husband about the life of Julius Caesar as seen through the eyes of prison inmates. According to Krige, "It explores the roots of dictatorship. When do you stop being a dictator and become a criminal?" She indicated that the film will be shot in prison with inmate actors, and that she may play a small acting role in the film.



Alice Krige

Haitink takes leisurely approach to "Pastoral"

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By JONATHAN RICHMOND

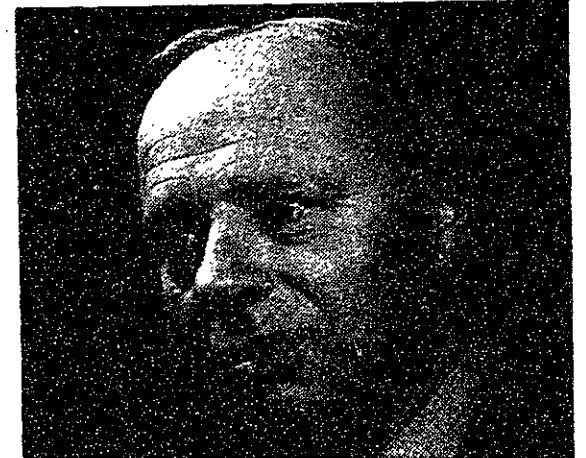
BERNARD HAITINK'S APPROACH to Beethoven is traditional, and may leave those who insist on the high-speed high-energy products of the "authentic" performance movement restless.

But to those who feel that Roger Norrington's recent recording of the "Pastoral" speeds along the rural interstate without pausing to take a look at the countryside, or who find Christopher Hogwood's go-by-the-score effort just plain dull, Haitink's performance with the BSO last night (to be repeated three times over the next few days) will be refreshing.

Haitink took the "Pastoral" at a leisurely speed, the sort of pace (we hear from the composer's friend Schindler) Beethoven took during his forays into the countryside. The opening movement did start out on the slack side, but within a few minutes the expansiveness of Haitink's conception — with lovingly warm strings and chirpy woodwinds — became beguiling.

The second movement, "Scene at the Brook," was gently taken, its detail suggesting a rapture at the experience of nature. Textures were built to particularly attractive effect.

Despite some exciting playing from basses evoking the build up to the storm,



Bernard Haitink the "Thunderstorm" should have had more energy; it lacked precision, too. The timpani should have been played with harder sticks, and with a more aggressive attack. The concluding *Allegretto* was done with lyricism and beauty, nonetheless, bringing the work to a happy conclusion.

A woman leaving Symphony Hall after the concert was heard to comment that the performance of Ravel's *Daphnis and Chloé* would have been nicer if it had ended 10 minutes earlier. Her companion dryly added that it would have been even better a half-hour shorter. Bernard Haitink certainly gave Ravel's ballet a grand format, and the conclusion was very gripping. There were passages, however, when the music seemed to lag and where the orchestra was not quite all together.

There were, on the other hand, many measures of exquisite wind coloration, and the Tanglewood chorus was on fine form, adding an element of the unexpected to the music and timing climactic passages to splendid effect. The onset of dawn was radiantly reflected in the BSO's strings. Overall, then, a satisfying concert, well worth attending.

The Tech Performing Arts Series presents. . .

EMANUEL AX

Emanuel Ax will perform Beethoven's *Sonata No. 15 in D ("Pastoral")*; Liszt's *Three Sonnets by Petrarca* and piano version of Verdi's *Rigoletto*; and Brahms' *Sonata No. 3 in F minor, Op. 5*.

Symphony Hall, May 5 at 8 pm. MIT price: \$5.

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SinoNovo 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 Bloch's *Concerto Grosso for String Orchestra and Piano Obligato*.

Jordan Hall at New England Conservatory, May 12 at 8 pm. MIT price: \$6.

Tickets are on sale at the Technology Community Association, W20-450 in the Student Center. TCA offices are open only limited hours. Office hours are posted on the door; alternatively, you can call x3-4885 before walking over.

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Prof doubts claims on fusion

(Continued from page 1)

ing that if the United States did not act now, other countries would overtake it in the field.

"If we fall behind at the beginning, we may never catch up," Magaziner said. Fleischmann estimated that commercial uses for the Utah device would be possible within one or two decades.

But other witnesses at the hearing, including Ballinger, voiced deep skepticism about the claim, and about whether Pons and Fleischmann had really achieved nuclear fusion in their laboratories.

The Utah scientists have said that their experiment produces neutrons and excess heat — indicating that a fusion reaction is indeed taking place. But so far, there has been no clear-cut scientific confirmation that neutrons or excess heat is produced by the Pons/Fleischmann device, Ballinger said at his talk yesterday.

Research teams worldwide began trying to repeat the Pons/Fleischmann results within days

of their announcement. MIT in particular has had many people working on the problem, Ballinger said.

"Our experiments here at MIT are at least as sophisticated as those at Utah," Ballinger, who holds a joint appointment in the Departments of Nuclear Engineering and Material Science, said. But the MIT teams have seen no evidence of either neutron or heat production.

The *Boston Globe* reported that an observation of heat production by Stanford's Robert A. Huggins SM '52 is considered the strongest confirmation at this time of the Utah results. But Huggins told the House committee on Wednesday that he was "not in a position to discuss" what the mechanism producing the heat is.

Pons and Fleischmann have claimed that other groups have confirmed their results, but have refused to give names, according to Ballinger.

More disturbingly, Pons and Fleischmann have avoided an-

swering questions about their discovery, Ballinger said. He noted that they withdrew a paper on their experiment that they had submitted to the British journal *Nature* because they were unwilling to respond to criticism by the journal's reviewers.

Part of the Utah researchers' reticence may be due to the fact that they have applied for several patents for their work. "Pick up the phone to Utah, what you get is the Office of Technology Transfer," Ballinger said.

While he declined to speculate on the Utah scientists' motivations, Ballinger said he was disturbed that Pons and Fleischmann seemed to be ignoring the peer review process. As academic scientists with a potential breakthrough, Pons and Fleischmann have a duty to share their information with their colleagues, Ballinger said. He did not think such cooperation would jeopardize the Utah scientists' claims to any patents resulting from the discovery.

Such a review must take place before the United States commits to spending millions of dollars on the cold fusion technique, Ballinger said.

Pons and Fleischmann have agreed to let scientists at Los Alamos National Laboratory have a duplicate of their experiment for confirmation purposes. If this does actually take place, it will be very important, Ballinger said. But in the cold fusion debate, nothing should be taken for granted, he added.

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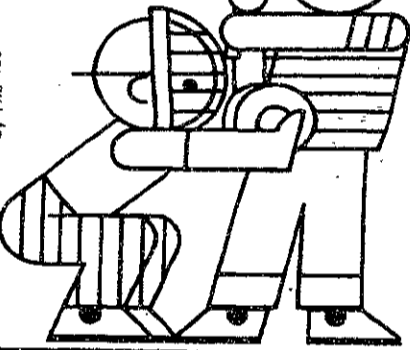
ACROSS

- | | |
|----------------------|---|
| 1. FLATTERY | Containment: "... of latter years. . ." |
| 5. SCREAM | Insertion: SC(RE)AM |
| 9. ROTARIES | Construction/Anagram: ROT + A + (RISE) |
| 10. FRIGID | Construction: F + RIGID |
| 12. GET OFF | Double meaning |
| 13. WELL, WELL | Double meaning |
| 15. BYE, BYE, BIRDIE | Anagram: I + RIBEYE + DEBBY |
| 18. RADICAL RIGHT | Two double meanings! |
| 23. FACEMASK | Double pun |
| 24. SCHOOL | Double meaning |
| 26. LETS IN | Construction: LET + SIN |
| 27. THROW OUT | Anagram: HOW + TROUT |
| 28. SISKEL | Anagram/Construction: (KISS) + EL |
| 29. AWAY GAME | Construction: A + WA + Y + GA + ME |

DOWN

- | | |
|--------------|---|
| 1. FORAGE | Construction: FOR + AGE |
| 2. ASTUTE | Construction: AS + TUTE |
| 3. THRIFTY | Insertion: TH(RIFT)Y |
| 4. REEL | Homophone: "Real" |
| 6. CORELLI | Insertion: C(OR)ELLI |
| 7. EGGHEADS | Construction: EGG + HEADS |
| 8. MODELLED | Insertion: MOD(ELL)ED |
| 11. TELESIS | Containment: "... clientele's issue" |
| 14. ABOLISH | Anagram/Insertion: A(BOILS)H |
| 16. TRUFFLES | Anagram: (FFT + RULES) |
| 17. EDUCATES | Anagram/Construction/Reversal: (CUED) + A + [TES] |
| 19. COMBINE | Anagram/Homophone/Insertion: (INC(B)OME) |
| 20. HICKORY | Beheading/Construction: (C)HICK + OR + Y |
| 21. CORONA | Subtraction/Anagram: (RAÇCOON) |
| 22. FLUTIE | Insertion: FLUT(I)E |
| 25. SHOW | Beheading/Insertion: S(H)OW |

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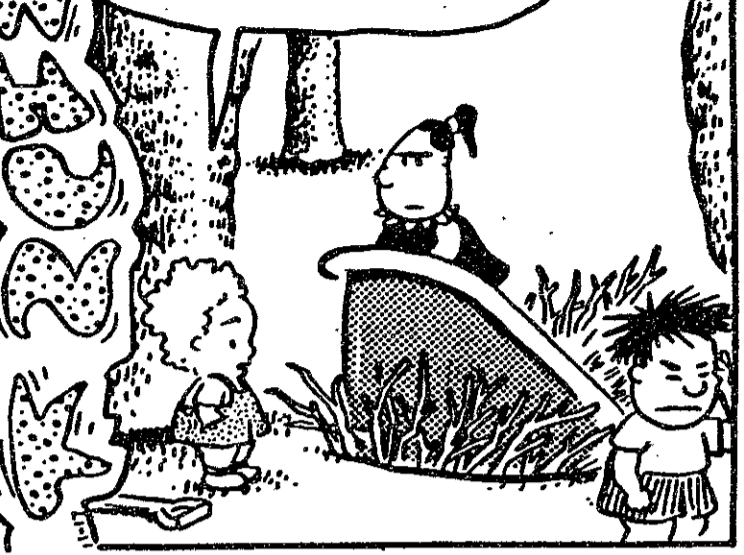
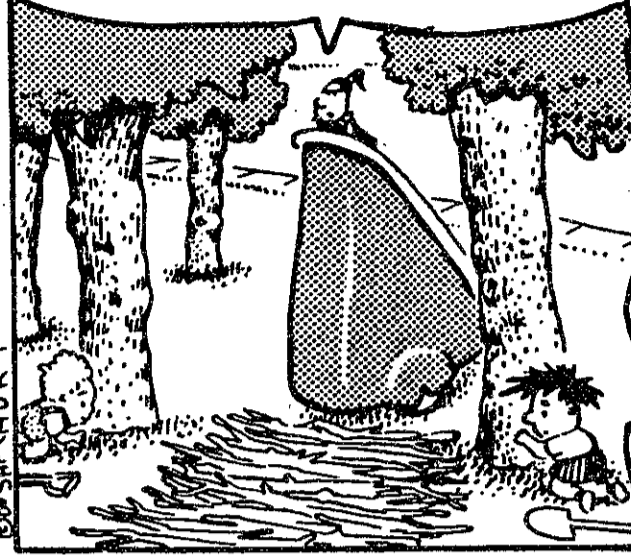
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BENNIE?... ARNOLD? Hmm... I CAN USUALLY FIND THEM AROUND HERE...

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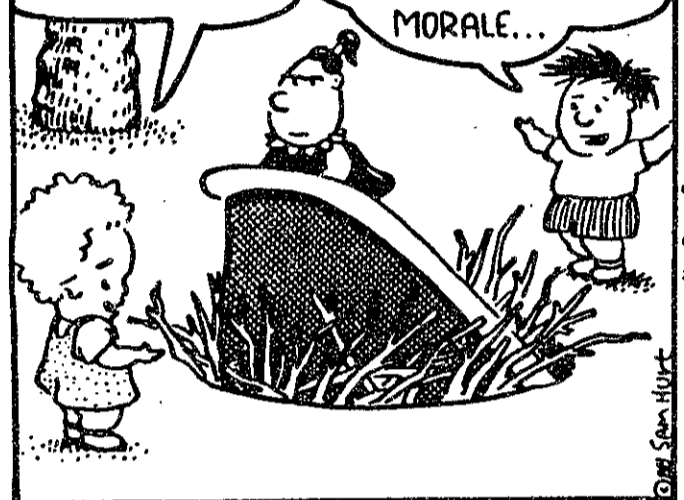


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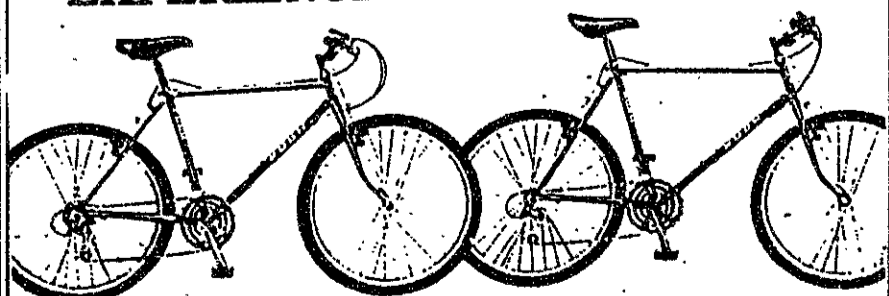
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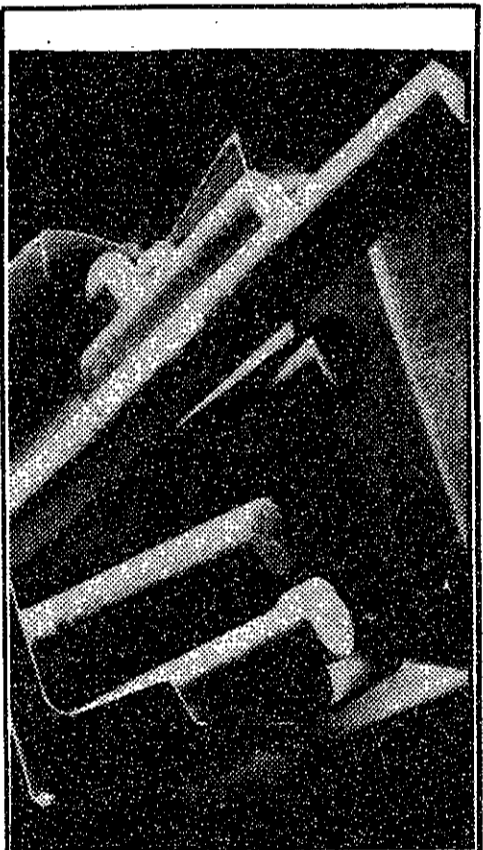
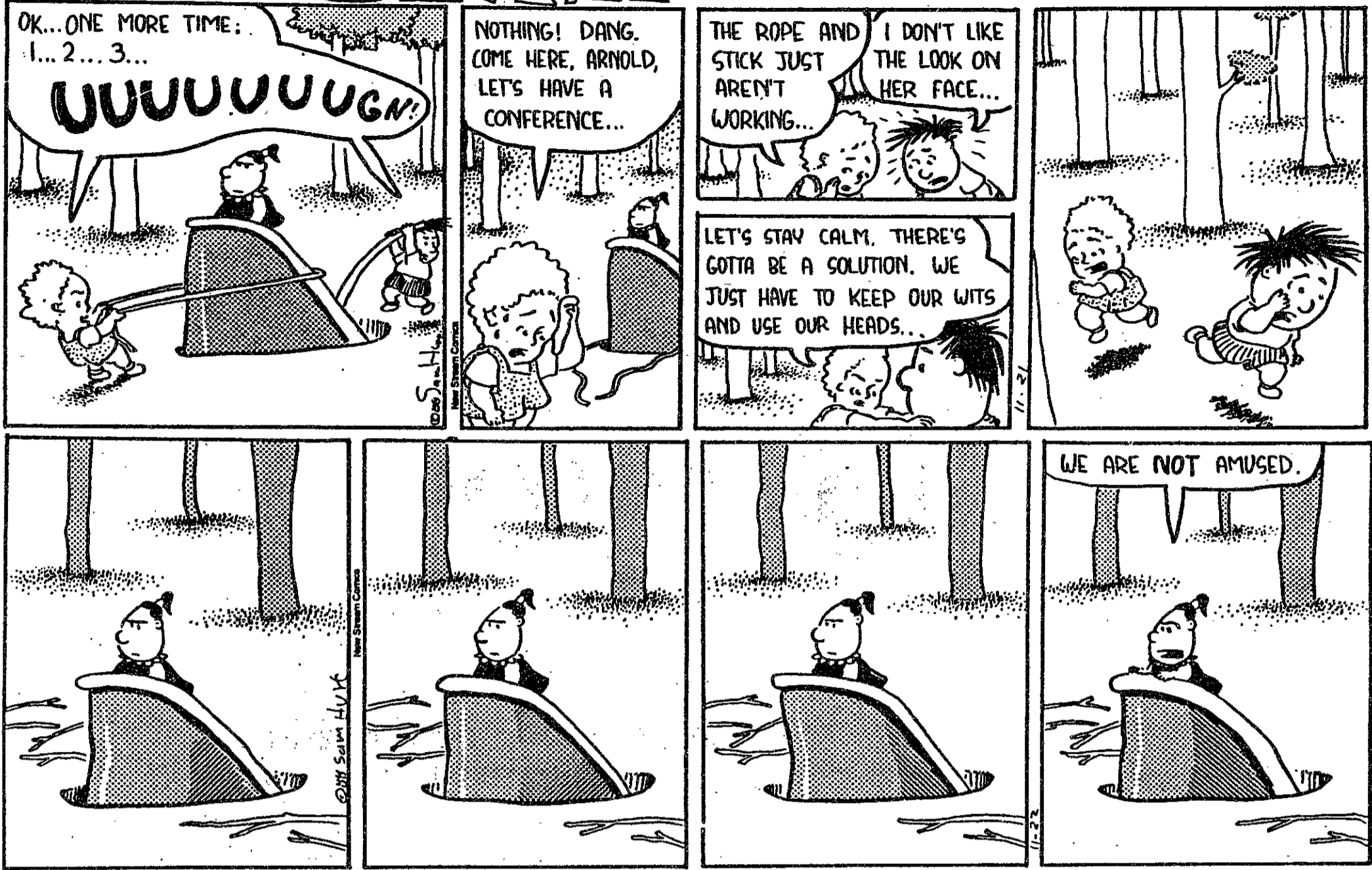
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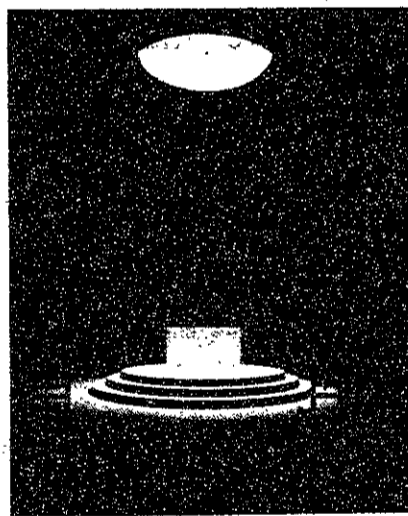
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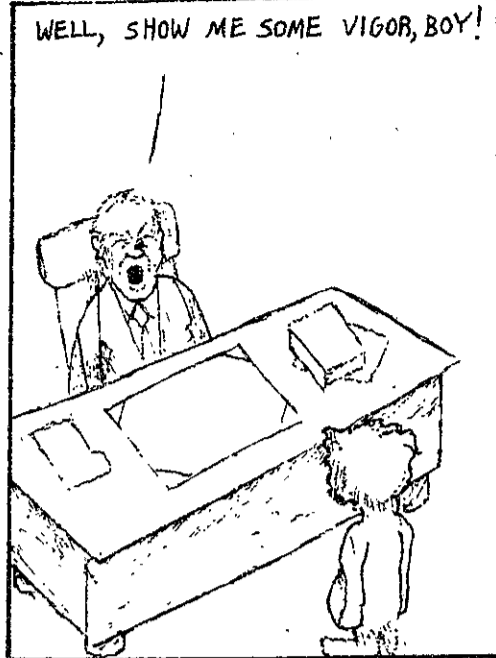
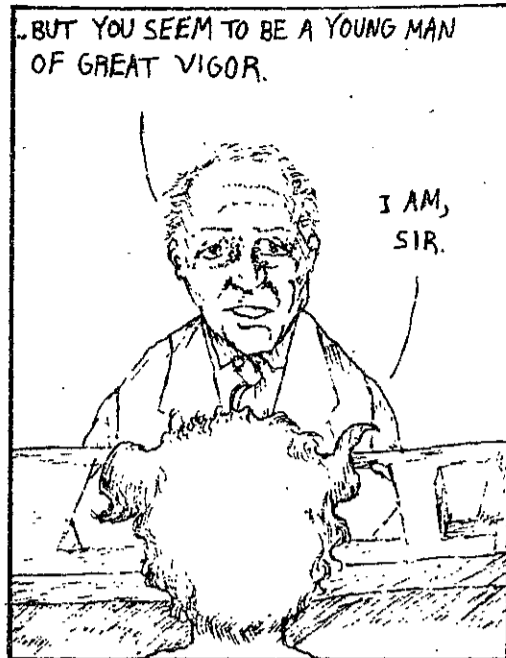
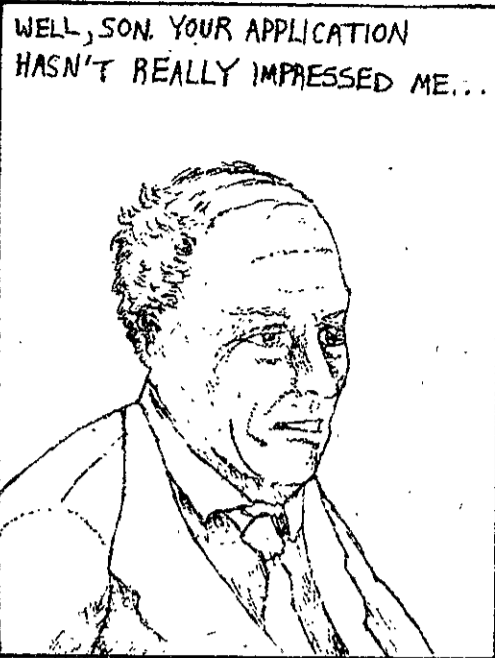
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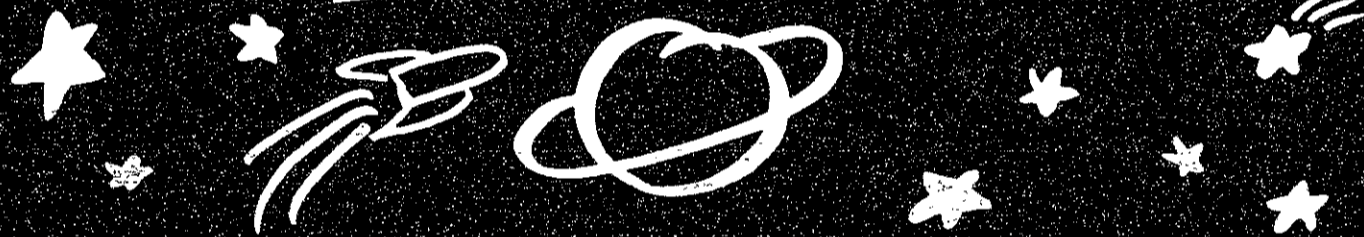
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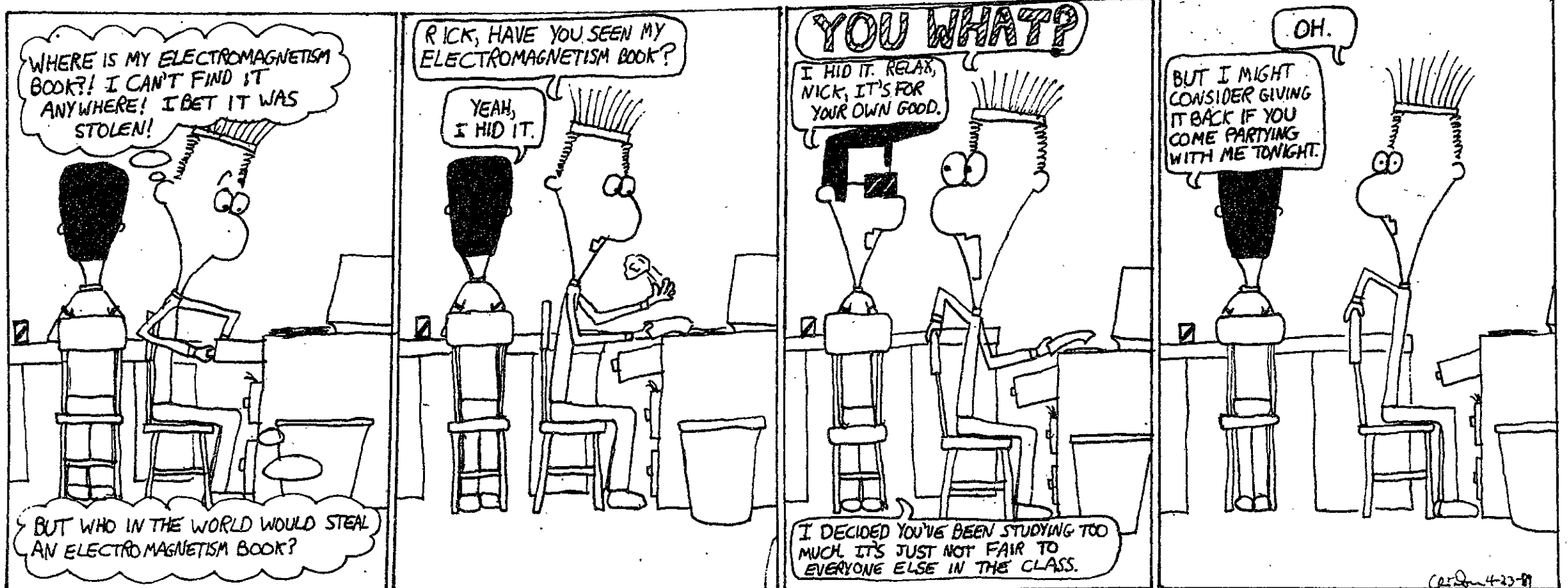
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By Chris Doerr



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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.

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*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

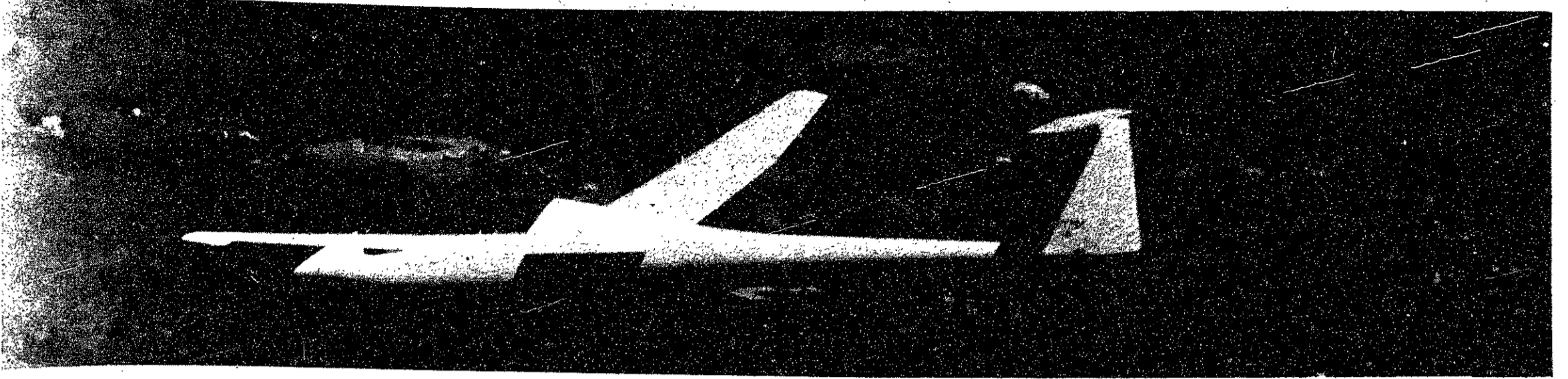
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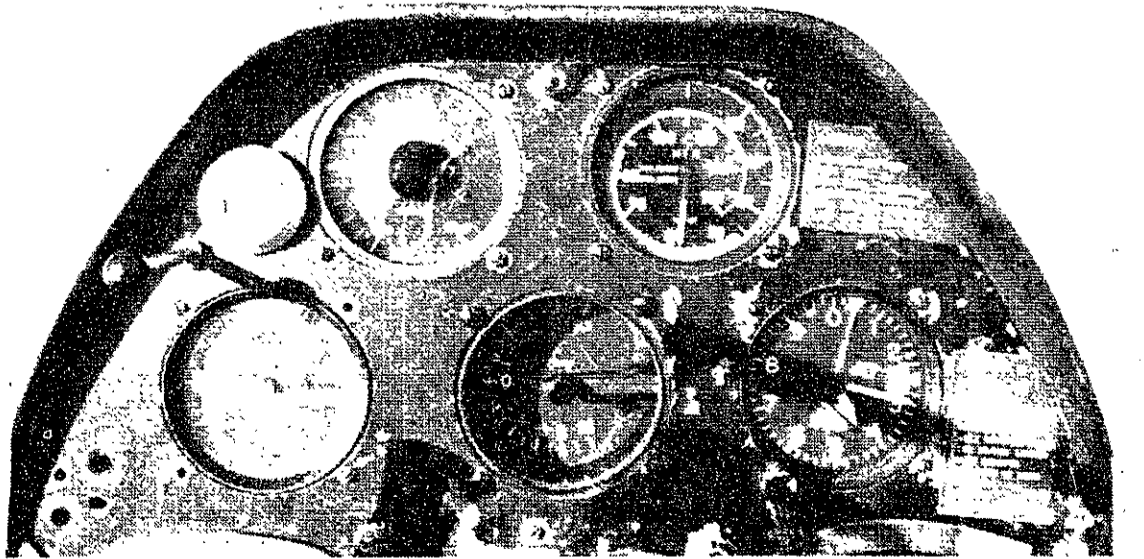
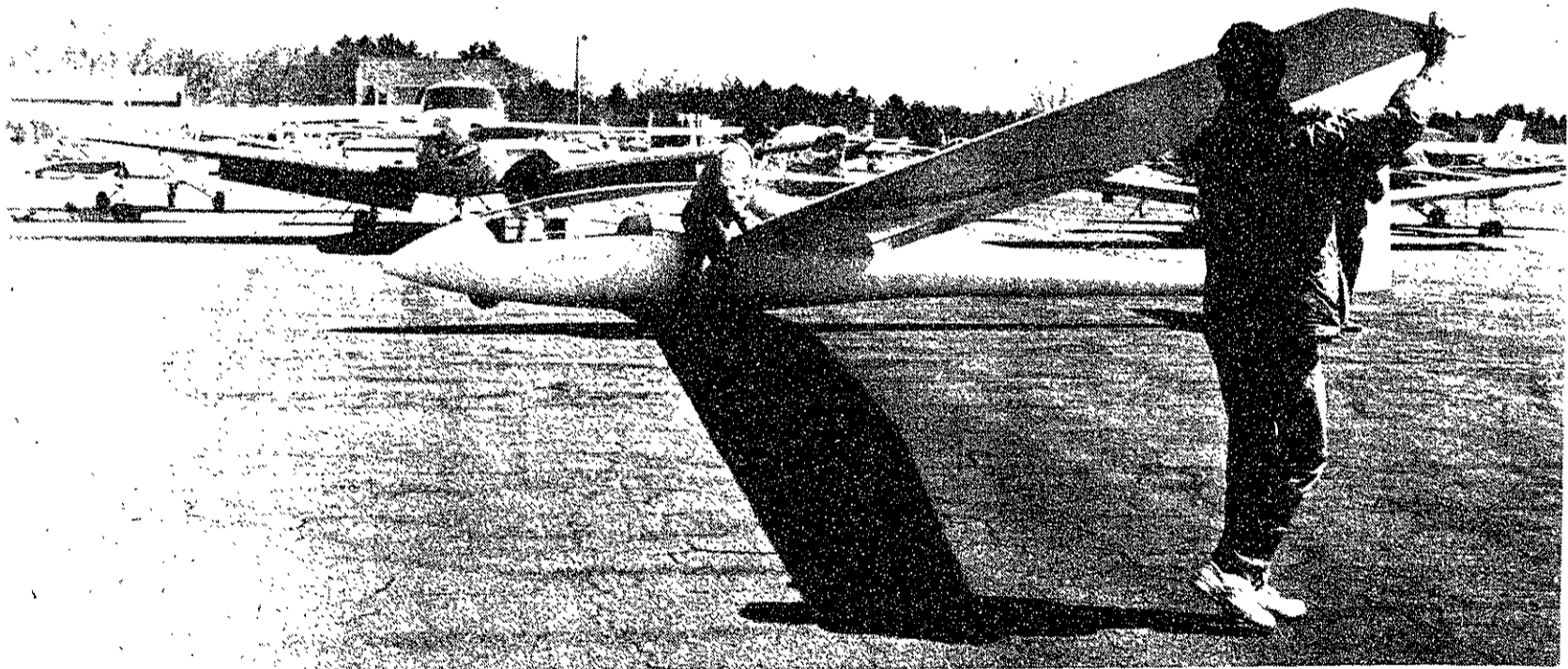
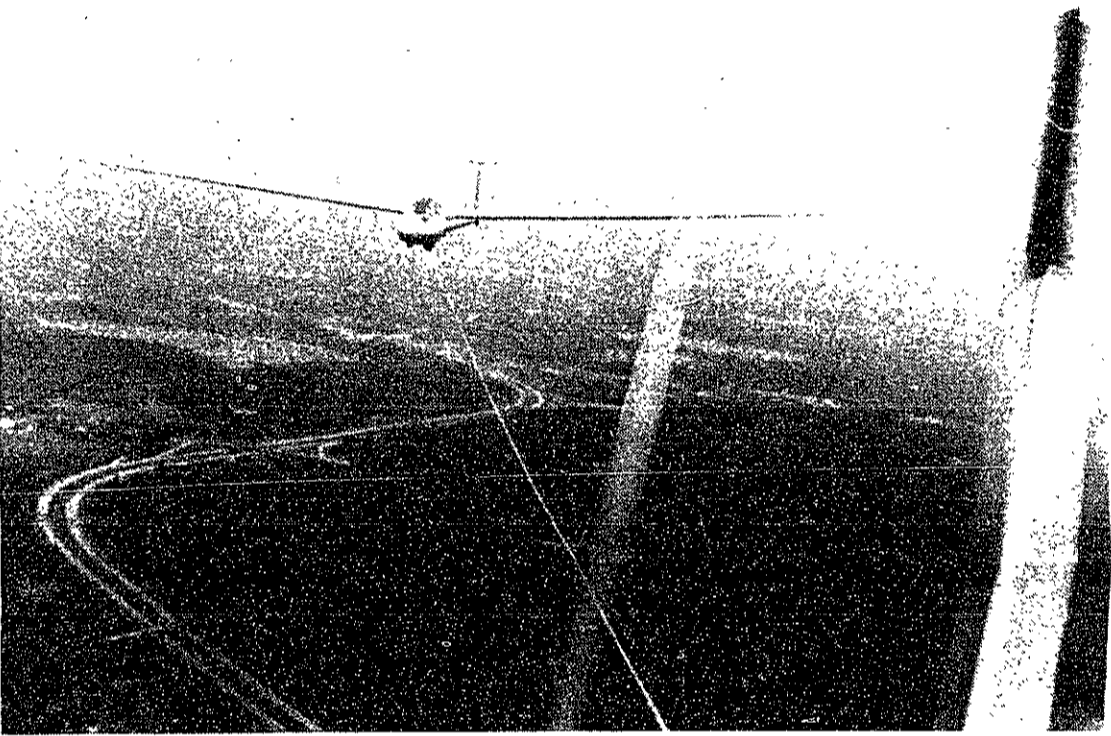
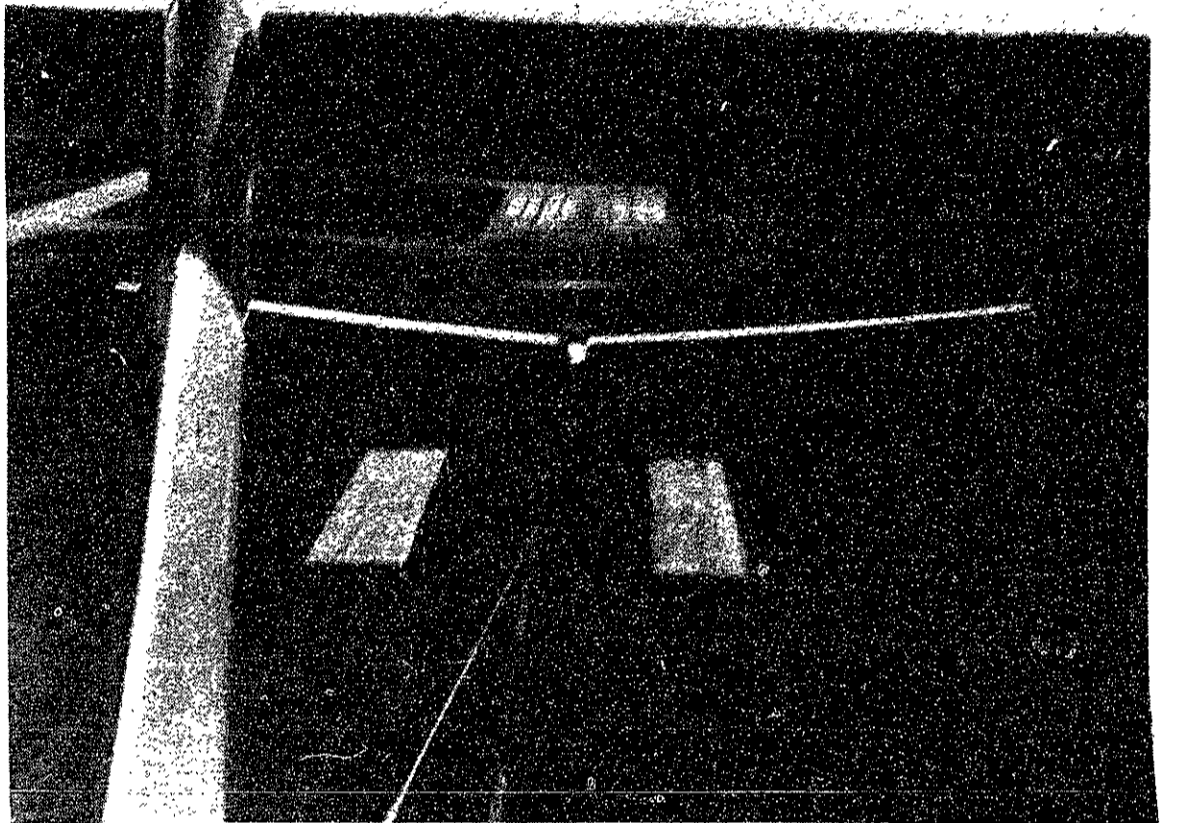
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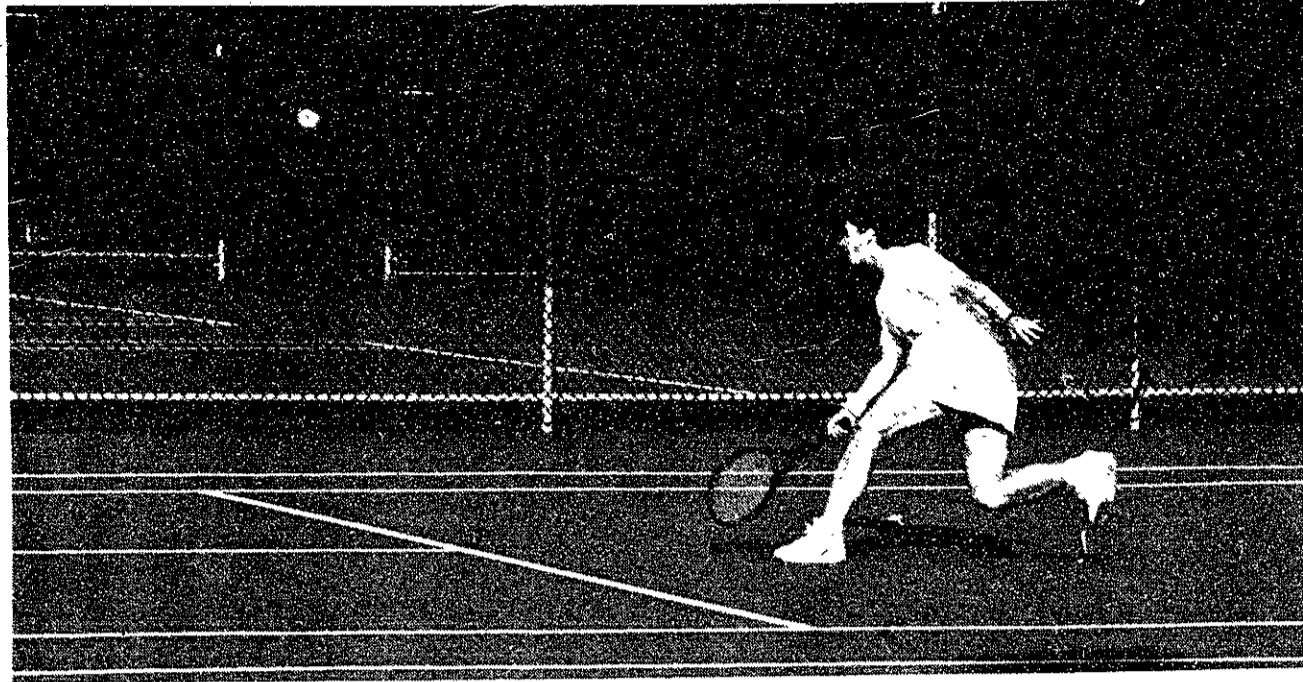


Soaring



Photos by Andy Silber

sports



Kyle G. Peltonen/The Tech

Catherine Gioannetti '90 hustles to return a volley during Wednesday's game vs Salem State. Gioannetti defeated her opponent 7-6, 6-2. The overall score was MIT 9, Salem State 0. Three MIT players, Christy Alvord '89, Stacey Chinn '89 and Fiona Tan '91 are scheduled to leave this afternoon for the Middlestate Tournament in New Jersey. Coach Candy Royer estimated all have a chance to make nationals.

Softball loses "toughest game of the season"

By Michael J. Garrison

The softball team suffered a tough first-round New England Women's 8 playoff loss to Brandeis University yesterday. After Teri Lowenstein '89 (MIT's first batter of the game) scored in the first inning, the Engineers led 1-0, gave up only two hits and one walk, and had no errors — until bottom of the seventh inning, when the Judges crossed the plate twice to steal the victory.

MIT had a very good chance to hang on to the win in the top of the seventh, but they left the bases loaded without driving in a run. Right fielder Laura Brauer '89 opened with a walk, and was replaced by pinch runner Beth Nickerson '91. Lowenstein then got on due to an error by the Brandeis pitcher. The next batter, Showna Chang '92, hit a sharp grounder to short, but Nickerson, unfortunately still on the second base side of the play, was easily tagged out.

Shortstop Diane DiMassa '88, who had hit the first inning single which scored MIT's only run, worked the pitcher up to a full count before going down to her third strikeout of the game. Centerfielder Cecelia Warpinski '90 loaded the bases by walking, but it proved to be for naught when third baseman Stephanie Ragucci '90 also struck out. Ragucci's "K" was one of seven for the Brandeis pitching staff.

Brandeis then made the Engineers pay. Leading off the bottom of the seventh in the clean-

up slot, the Brandeis centerfielder hit the ball over the head of Warpinski. However, when the ball rolled to a stop against the extremely short centerfield fence, Warpinski was able to make the throw to second before the Judge outfielder could reach the bag. But the field umpire ruled DiMassa had not made the tag, bringing both MIT coaches onto the diamond. The play stood, and the runner would soon score the tying run.

This play was immediately followed by another controversy involving the same umpire. As the Brandeis first baseman stepped into a perfectly executed bunt, MIT second baseman Linda D'Angelo '90 moved to cover first while Ragucci and third baseman Lowenstein came in to field the bunt. Since the runner on second had already moved to third by the time the bunt could be fielded, the throw went to first. D'Angelo, reaching for the ball, was pulled off of first just before the batter reached the bag.

But when the umpire at second base ruled her safe, MIT's coaches again stormed the field, arguing that D'Angelo had been on the bag when she caught the ball, so it did not matter that her foot later left the bag. Head Coach Jean Heiney finally forced the second base umpire to check with the home plate umpire, but he backed up the call. "I was annoyed that he was hesitant to check" with the other umpire, Heiney later said.

The next batter tried exactly the same thing, but Lowenstein's

throw to D'Angelo picked her off, and the runner on third was forced to hold.

This left runners on second and third with one out. The Engineers decided not to walk the next batter, and it hurt them when she hit a hard two-strike single high over the head of D'Angelo. This advanced both runners (tying the score), and when the runner on first stole second on the next pitch, MIT catcher Michelle Duso '91 was forced to hold on to the ball in order to keep the runner on third from scoring.

Finally, Brandeis picked up the winning run when their number eight batter knocked the ball just over the head of Chang in left field. The hit, which would have been good enough for a double, drove in the winning run and ended the game.

MIT had opened the game with one run, and chances for a few more. Lowenstein started off with a walk, and the next three batters all picked up singles (DiMassa's good for the RBI). From this point on, however, things didn't go the Engineer's way. Three consecutive hits to the left side of the infield produced three consecutive force-outs, two on throws to the catcher and the third an unassisted play by the third baseman.

Heiney called this game the "toughest loss of the season — Lynn [Albers '92] had pitched so well; [she] was just marvelous."

The loss put the Engineers at 1-2 versus the Judges this season, and 8-6 overall. The semifinal and final games of the NEW8 softball playoffs will be held on Briggs Field tomorrow. The Engineers' last games are next Tuesday at Southeastern Massachusetts University and Thursday at home against Elms.

Lacrosse takes third straight victory, 16-4

By Adam Braff

With greatly improved defense and outstanding goaltending, the men's lacrosse team rolled over the Massachusetts Maritime Academy Buccaneers on Wednesday by the score of 16-4. Played at Steinbrenner Stadium, the game marked MIT's third consecutive win, bringing the team's record to 3-5.

The Engineers took just one minute of the first quarter to score on Lorne Berman, Mass Maritime's goalie. Captain Pat Nee '89 sidearmed the ball between Berman's legs from twenty feet out to score the first of his game-high four goals. Three minutes later, middle David Chang '89 took a shot on goal, scooped up his own rebound, and rifled the ball in low on the goalie's off-stick side for his first of three goals. Two other MIT players, attackman Paul Dans '91 and midfielder Phil Kim '89, had hat tricks in the match.

With 8:54 left in the first period, Dans worked the ball left-handed around the back of the visitors' net and bounced it in low and past the left side of Berman, who clearly was not expecting the shot. Dans then assisted on a goal by Brian Luschwitz '89, who cut in front and scored from five feet out. Tallying MIT's fifth goal of the quarter 24 seconds later, Chang bounced in a 30-foot shot from the right to score unassisted for the second time.

The visitors put in their one first-period goal when attackman Bill Donovan uncorked a high bouncer that slipped past MIT goalie Ken Nimitz '91 with one minute to go in the first. Nimitz had 12 saves in the game, prompting Coach Walter Alessi to remark after the game, "[Ken] has worked very hard and was just great today."

The two teams alternated scoring in the second quarter, MIT striking first when Nee's left-handed shot sailed 25 feet into the top left corner of the Buccaneer goal to make the score 6-1, MIT. Six minutes later, Mass Maritime's Nils Djusberg scored from directly in front of the home net. MIT returned the favor a short while later when senior longstick Mark Olson fed Dans on the right side for an easy goal. The assist was the first of Olson's college career and exemplified the versatility of Tech's underrated defensive squad, which allowed a stingy 29 shots on goal on Wednesday.

The second half started with the score in MIT's favor, 7-2. Once more, Chang scored unassisted with his shallow-angle shot from the right bouncing past Berman. Next, Kim passed the

ball in close to the visitors' goal right to Nee, who sidearmed an off-speed shot past the goalie to make the score 9-2 for the home team. Kim scored three minutes later on a hard bounce shot from 25 feet away.

Mass Maritime attackman Djusberg scored his second goal through a screen during a one-man advantage for his team at 7:54 into the third. Nee retaliated for white with a medium-range shot that blew by Mass Maritime's Berman on the stick side. After the Buccaneers' Matt Clifford chipped away at the lead with his only goal of the game, MIT made his effort basically insignificant with its twelfth goal of the game, midfielder Kim cranking in an impossible-angle shot from the left side on a feed from Chang.

With a comfortable 12-4 lead going into the final period, MIT relaxed a bit on offense and concentrated on defending Nimitz's four-goals-allowed effort. Curiously enough, the team's tenacious defense created several scoring opportunities, proving that the best offense just may be a good defense. A holding penalty on Donovan set up another goal by Kim, who assisted attackman Will Regan '90 three minutes later to give the Engineers a comfortable ten-goal lead.

With 8:20 to go in the game, Nee fed the ball to Matt Lee '91, who blasted a 30-footer past Berman's left side for MIT's penultimate goal. Dans closed out the scoring with a high shot from the right side after a long feed by Nee.

Coach Alessi was obviously pleased with his squad's performance after the game, commenting that "Given seven new starters, it took us a while to learn how to work together . . . but the defense is starting to gel and everyone is helping out on offense." MIT's 16 goals were very evenly distributed, coming from six players, none of whom scored more than four times.

Regarding his team's early five-game slump, Alessi astutely noted, "The losses at the beginning were team losses. [Now] we're starting to get team wins." The team appears to be somewhat less enthusiastic than its coach but equally hard working; Chang, for example, commented after his three-goal effort that he is "just playing them one game at a time."

The next home game, on Saturday against Bates at 2 pm, is expected to be quite a challenge for the Engineers. "Bates is a tough opponent, but if we can maintain our level of confidence, we can keep [the winning streak] going," Alessi said.

Upcoming Home Events

Friday, April 28

3:00 Baseball v. Gordon College

Saturday, April 29

2:00 Lacrosse v. Bates College
TBA Women's Crew Smith Cup

Sunday, April 30

12:00 Sailing Invitational
TBA Heavyweight Crew v. Syracuse

Tuesday, May 2

4:00 Lacrosse v. Amherst College



Jessie Dotson '89 urges the 1st lightweight boat forward during a scrimmage last Monday. Both the men's and women's crew will race on the Charles tomorrow, the men against Rutgers and the women for the Smith Trophy.

Maresi Berry