

Vipul Bhushani/The Tech
Kimberly Shively and Mehmet D. Ertas G do the Italian Neapolitan Tarantella Sunday evening at the MIT Folk Dance Club.

Folk dancers enjoy publicity

By Lakshmana Rao

The MIT Folk Dance Club's performances today and tomorrow will mark the height of a recent surge in the group's popularity. Much of the improvement stems from efforts by the Office of the Associate Provost for the Arts to increase awareness of student art groups.

The provost's office "has done a tremendous job in integrating us into their publicity and have been very encouraging in all respects," said Lenore J. Cowen G, president of the Folk Dance Club. "A few years ago the whole world knew about us but people at MIT did not even know that we existed. All that has changed now."

A number of events reflect the club's higher profile, including this week's participation in a student dance exhibit sponsored by the MIT Dance Workshop and a presentation at the Commencement Ball.

Folk dancing has
a long history at MIT

The MIT Folk Dance Club was formally recognized as a student activity about 25 years ago, when folk dance culture was gaining popularity throughout the United States.

"With the big explosion of interest in the world music and other cultures in the late sixties and early seventies, a lot of people were excited about the dances in the village culture of other countries, especially Eastern Europe," Cowen said.

"You don't need to have ballet dance training to be able to go into folk dancing, because it was designed for ordinary people, not dancers. Also, once you get excited about it, you can explore it as a dance form," she added.

The MIT Folk Dance Club sponsors three nights of dancing per week at MIT. The club sponsors Israeli dancing on Wednesdays, international dancing on Sundays and advanced Balkan

(Please turn to page 11)

Alcohol policy released

ILGs must register parties; cash bars not required

By Reuven M. Lerner

Aside from requiring independent living groups to register open parties and allowing dormitories to serve alcohol without a cash bar, the new Institute alcohol policy, released last week by the dean's office, is substantially unchanged from its predecessor.

None of the housemasters, dormitory presidents or Undergraduate Association officers contacted last night were sure when the new policy will take effect, or even if it has taken effect already. However, they said, the policy is almost identical with a draft that has been circulating among housemasters since late August.

Both the draft and final versions of the policy were written by Associate Dean for Residence

and Campus Activities James R. Tewhey, who was unavailable for comment yesterday. These drafts were partly based on reactions by the administration, housemasters and UA Alcohol Policy Committee to earlier versions.

Although the policy will not require ILGs to register parties with the InterFraternity Council until the new policy takes effect, IFC President Holly L. Simpson '92 said the IFC had ratified the new rules on Oct. 2, and that all parties since Oct. 11 have been registered. Houses which do not register parties are subject to \$25, \$50 and \$100 fines for the first three offenses, respectively. The third offense brings with it the potential for other sanctions, Simpson said.

The system "seems to be work-

ing pretty well," she said. But, she added, it is difficult to judge its success after so short a time.

Cash bars no longer required

The other major change in the alcohol policy allows dormitories to serve alcohol without a cash bar, reflecting a change in administration thinking.

Jay M. Goodliffe '92, president of MacGregor House, thought the change reflected the reality of the situation. "People weren't doing cash bars just because it was inconvenient and didn't feel like charging people. As far as practice goes, I don't think there is any real change," he said.

The cash bar policy was meant to limit consumption, UA Vice

(Please turn to page 2)

Baltimore resignation raises old questions about research

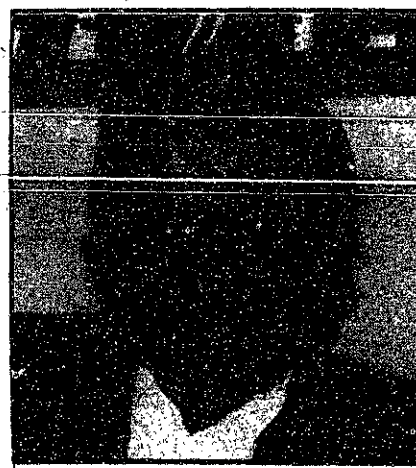
By Brian Rosenberg

David Baltimore's resignation from the presidency of Rockefeller University has once again raised questions about the relationship between government and universities. Monday's announcement has also caused concern among Baltimore's former colleagues over the way scientific research is performed.

Most of those familiar with Baltimore's situation at Rockefeller were not surprised by his resignation. "The situation was very fragile. Many senior faculty didn't like [Baltimore] because of his plans" for the university, said Maurice S. Fox, a biology professor at MIT.

Baltimore was hired for his skills as a scientific administrator, skills demonstrated while he was director of the Whitehead Institute for Biomedical Research. He came to Rockefeller's presidency with a mandate to change the college's atmosphere.

He also brought the controversy surrounding his defense of a 1986 *Cell* paper which he co-



Tech file photo

David Baltimore '61

authored with Thereza Imanishi-Kari, now a researcher at Tufts University. A federal panel accused Imanishi-Kari of falsifying data in the paper, and the controversy followed Baltimore, though no charges of fraud were made against him.

"The people at Rockefeller used the circumstances [of the *Cell* paper] to embellish their case" against Baltimore, Fix said. "It looks like there was an issue

of where power resided between younger versus more established faculty."

"The *Cell* paper was just used as an excuse" by those opposed to Baltimore's plans, Imanishi-Kari said in a telephone interview yesterday. The planned changes would have "given more freedom to junior faculty. The senior faculty cannot say they don't want change, so they say [Baltimore's departure] is because of the paper," she said.

Resignation seen as great loss

Baltimore's colleagues agree that his resignation deprives Rockefeller and the entire scientific community of a first-rate researcher. "It's a tragedy... that he won't have a chance to fulfill the challenging goals he set for himself," said Gerald R. Fink, current director of Whitehead.

The entire *Cell* controversy has had "good and bad consequences," said Imanishi-Kari, "but the bad are 100 times bigger than the

(Please turn to page 11)

DU error may have caused fire

By Josh Hartmann

A mistake by Delta Upsilon's current pledge class may have led to the Nov. 12 fire that destroyed an MIT Outing Club cabin, though no official determination of the fire's cause has been made.

"When the DU pledge class was up there the night before, they didn't know how to turn on the gas heater," said Harold C. Payson, manager of the cabin. "They didn't know they had one. They found what they thought

was a wood-burning furnace and threw on some logs."

The freshmen actually lit the container for a composting toilet — fiberglass filled with woodchips, sawdust and bacteria to allow decomposition, Payson said.

"The directions [at the cabin] said the furnace was in the basement, and it is in the basement ceiling," said DU President Erik D. Larson '92, who was not at the cabin. The freshmen later realized their mistake and lit the real furnace, then put out the fire in the toilet and stirred the coals.

While eating lunch the next day, one member of the group smelled burning fiberglass. They opened up the toilet and saw glowing coals, Payson said. They then poured 20 gallons of water over the coals to extinguish them. Larson said some pledges put their hands into the coals and were convinced that the fire was out. The cabin burned down the next morning.

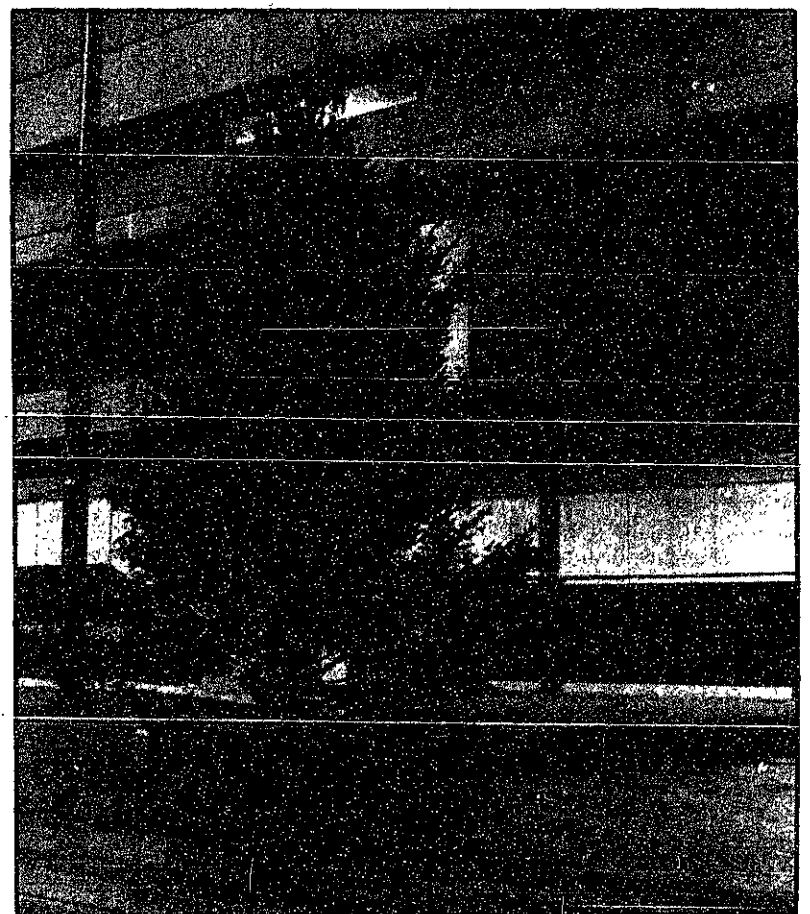
Payson added that the fire investigator told him informally

there was no evidence to contradict what Larson had reported, and that the fire was not considered suspicious. The investigator, Jim Wells, could not be reached by telephone yesterday.

"We are still pursuing getting payment from our insurance company and waiting for the official report from the fire marshal," Payson said. The insurance company may seek reimbursement from DU at the completion of its investigation, he added.

Payson said that since members of the Outing Club had built the Bartlett, NH cabin themselves over 10 years ago, there was no formal value on it. He added that a professional contractor would be sent to the site to evaluate the worth of the three-story, 1800-square-foot building. He also said the club would rebuild the cabin.

Outing Club President David A. Maltz '93 has said that the materials used to build the original cabin cost \$20,000.



Douglas D. Keller/The Tech

MIT's non-denominational holiday shrub went up yesterday in front of the Student Center.

inside

Controversy over fifth force reopened by new experiments. Page 10.

* * * * *

Doughnut stand reopens after week-long hiatus. Page 11.

Alcohol policy requires parties to be registered

(Continued from page 1)

President J. Paul Kirby '92 said. "The theory supposedly was that it would deter consumption, that if you had to go through all this extra hassle then these naughty children wouldn't have parties," he said.

While satisfied with the new regulations, Baker House Housemaster William B. Watson said they were rules, rather than a full policy. "A policy on alcohol use would have to include education, ways in which people would be made aware of the dangers of alcohol, and adequate training for

people who are going to serve alcohol," he said.

Erratum

Due to an editing error, a letter in a previous issue ["DormCon will not comply with spending restrictions," Nov. 19] incorrectly described the letter's authors. It was signed by David Hogg '93 and seven other dormitory presidents.

VANDALISM ISN'T A JOKE. IT'S AN OUTRAGE.

Vandalism is what I call wreck-creation. Wrecking other people's property. Very selfish. Not very cool. Find out what you can do to stop it. If you see someone wrecking your school library, corner drug store—anywhere!—call the police. You don't even have to give your name. To help.

TAKE A BITE OUT OF CRIME

A message from the Crime Prevention Council and the Ad Council. © 1990 The Advertising Council. This space donated by The Tech.

IF YOU'RE NOT RECYCLING YOU'RE THROWING IT ALL AWAY.



Call 1-800-327-9886 or write Environmental Defense Fund, 257 Park Ave. So., NY, NY 10010

This space donated by The Tech.

Prep Plus For the MCAT: The Best Medical Insurance

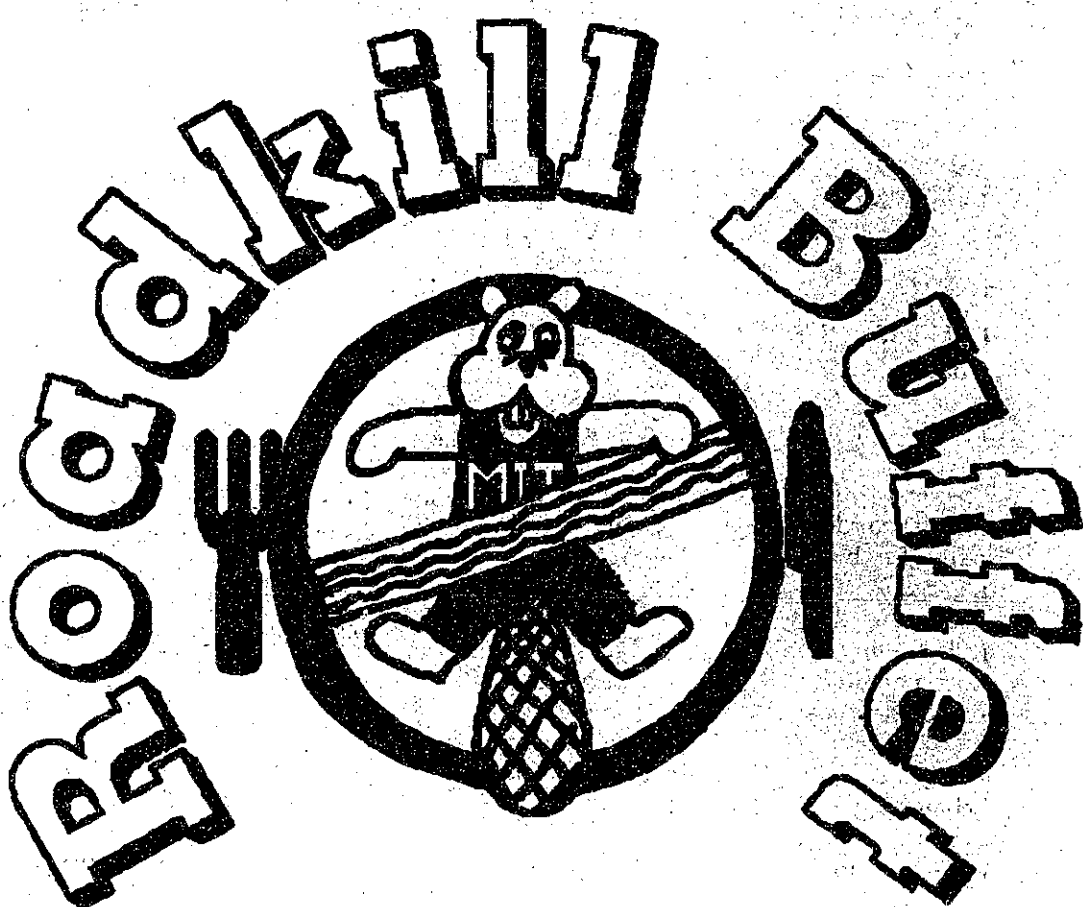
No one can guarantee your acceptance to medical school. But we can guarantee that you'll score your highest on the MCAT. Our unique Test Your Best™ guarantee is your insurance policy. If you're not completely satisfied with your MCAT score, we'll let you repeat the entire course... at no charge!

We offer expert live instruction, innovative home study materials, unlimited review in our TEST-N-TAPE® labs and lots of personal attention. That's why Stanley H. Kaplan has prepared more test takers, and produced more top MCAT scores, than everyone else combined!

STANLEY H. KAPLAN
Take Kaplan Or Take Your Chances

CLASSES STARTING NOW!
Get your home study materials early!
Call 1-800-KAP-TEST

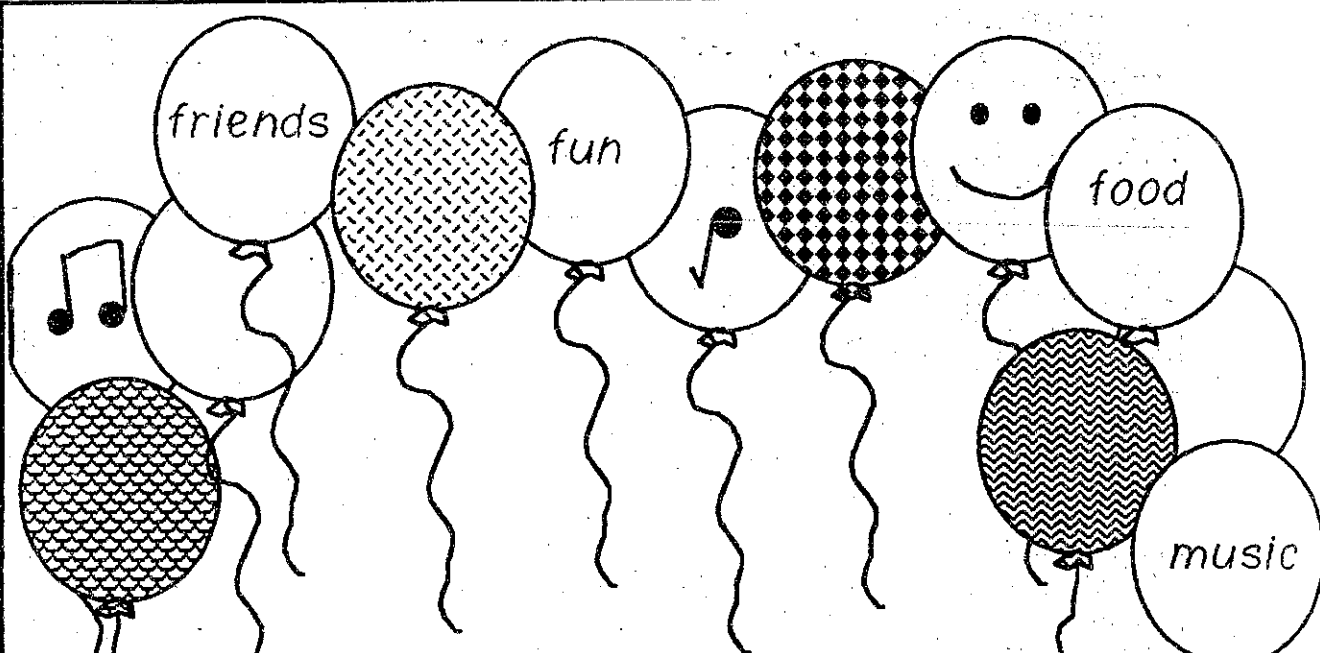
MIT's only comedy improv group



**Monday, December 9th
8:00 p.m.
Kresge Little Theater**

Free

Special thanks to Peter de Florez fund for humor



Holiday Party & Canned Food Drive
A Capella Musical Entertainment by "The Corollaries"

Graduate Students
Come Celebrate the
End of the Semester!

Admission Fee : Food donation to the Red Cross Food Pantry

**THURSDAY, DECEMBER 12, 1991
5:00 pm**

3rd FLOOR STUDENT CENTER
Sponsored by the Graduate Student Council

news roundup

from the associated press wire

World

Anderson released after seven years in captivity

Doctors in Wiesbaden, Germany, say former hostage Terry Anderson is in good health overall. They say he needs some dental work and suffers from minor lung and sinus problems.

Friends and colleagues of the last American hostage to be released gathered in London last night at St. Bride's Church to give thanks for his freedom. Throughout the hostage ordeal, congregation members prayed for the captives' release and marked each release with pealing bells.

On the home front, family and friends in Norristown, Pa., planned a short parade for Joseph Ciccipio. Last night's ceremony came complete with yellow ribbons and balloons.

Two German hostages remain in Lebanon, along with missing Israelis, Lebanese prisoners in Israel and British journalist Rosanna Della Casa, who is missing in Iraq.

President George Bush said yesterday that he does not think the hostage story will be over until the remains of Americans William Buckley and Lieutenant Colonel William Higgins are returned. He also said that he would like to see the hostage-takers brought to justice.

Bush names new chief of staff and campaign advisors

President George Bush named Transportation Secretary Samuel Skinner to replace John H. Sununu '61 as White House chief of staff. Sununu resigned earlier this week after coming under attack for his abrasive political style and possible use of government aircraft for personal business.

Bush also announced some of the key players in his re-election campaign plans yesterday. At a White House press conference, Bush named Commerce Secretary Robert Mosbacher as general chairman of the campaign, and pollster Robert Tester as chairman, charged with planning day-to-day strategy. Businessman Fred Malek will serve as campaign manager.

Bush advisor says economy will continue to stagnate

President George Bush's chief economic advisor, Michael Boskin, said yesterday that he thinks the economy will remain weak until spring. But he also told the House Ways and Means Committee yesterday that the president is going to announce plans to stimulate the economy during his State of the Union address next month.

Bush said he is trying to give the economy a "shot in the arm" by speeding up spending of nearly \$10 billion for government benefits.

Local

Lotus to lay off workers, may leave Cambridge location

Lotus Development Corp. announced yesterday it would cut about 10 percent of its work force and will consider moving from its Cambridge headquarters. A company spokesman said most of the 300 to 400 layoffs will occur in Massachusetts.

Company executives said they need to save money and boost profits, which declined by 32 percent during the first nine months of the year. Lotus will take a one-time charge of \$14 to \$18 million to cover the cost of the layoffs and other related expenses. However, Lotus President Jim Manzi said the company expects strong revenue growth in 1992 after about a 20 percent increase this year. Revenue increased to nearly \$500 million during the first nine months of the year.

Tax resister jailed for contempt of court

A peace protester in Northampton, Mass., jailed for his refusal to pay federal income taxes, said yesterday that the judge is trying to throw the book at him and make him into an example.

Randy Kehler was jailed Tuesday for six months on charges of contempt of court. In defiance of an order by US District Court judge Frank Freedman, Kehler has refused to vacate his home, which was seized by the IRS for nonpayment of taxes. Kehler has not paid income taxes since 1977 in protest of US military policy.

Nation

Alleged rape victim testifies in William Kennedy Smith trial

Testimony in the William Kennedy Smith rape trial resumed yesterday after a second break in the proceedings. Smith's accuser broke down once when defense counsel asked specific questions about the alleged attack and attempted to point out inconsistencies in her story. She started crying again shortly after testimony resumed, and the judge called for another break. The woman called the trial "a nightmare" that she just wants to be over.

Daily News files for bankruptcy

The family of the late media mogul Robert Maxwell announced yesterday that the New York *Daily News* has filed for Chapter 11 bankruptcy protection. Under Chapter 11, the newspaper may continue to operate while it reorganizes its finances. A spokesman for the paper said it needs protection from Maxwell's creditors in Britain, and that it also faces a cash crunch.

Full-speed tolls on the way

There may finally be a way to pay highway tolls without slowing down. AT&T and Vapor Canada Inc. say they have come up with a system known as the "Smart Card." AT&T says the system involves equipment on the roadside and a black box in the car that communicate with one another. After inserting a card into the box, the system charges the correct toll amount. AT&T claims that the system will be ready for introduction in early 1992.

Bush administration rejects request to reschedule peace talks

Syria is trying to get the United States to nudge the Israelis back to the bargaining table. The chief Syrian negotiator wants the Bush administration to guarantee that Israel will go ahead with the Mideast peace talks, which were supposed to resume in Washington yesterday.

State Department spokeswoman Margaret Tutwiler, however, rejected the Arab request to set a new date for the talks.

The Israelis said they will not be ready to negotiate until Monday, but Palestinian spokespeople said they will not talk then. Monday is the anniversary of the Palestinian uprising in the Israeli-occupied territories.

A top Israeli official in Jerusalem said the Bush administration's snub of the Arab delegation made Israel's point that Washington cannot dictate terms to Israel. Israel had complained that the United States did not consult it before setting the date for a round of talks in Washington.

UN official says Iraq still refuses to cooperate

Rolf Ekeus, a UN official in charge of dismantling Iraq's weapons of mass destruction, said that Baghdad still refuses to cooperate fully with UN inspectors. In a report to the UN Security Council, Ekeus wrote that inspectors continue to encounter "non-cooperation and obstruction" when they make surprise visits to Iraqi facilities. He concluded that "there is no progress to report."

Today, the Security Council will consider relaxing its economic sanctions against Iraq. It is likely that they will also discuss Ekeus' report.

Weather

Wintery touch

A quick-moving "Alberta Clipper" will move offshore towards Nova Scotia on Friday. Some mixed precipitation is in the forecast for Saturday as another low over southern Ontario will track eastward towards Quebec. Fair weather is expected on Sunday along with moderate temperatures for early next week.

Friday afternoon: Light snow and flurries ending from west to east, winds shifting to northwest 10-15 mph (16-24 kph), high around 35 °F (2 °C).

Friday night: Clear to partly cloudy, windy and cold. Low about 25 °F (-4 °C).

Saturday: Mostly cloudy with a 30 percent chance of light precipitation. High of 38 °F (3 °C).

Sunday: Becoming fair and less cold with highs in low 40s (4 °C).

Forecast by Marek Zebrowski

Compiled by Deborah A. Levinson

BayBanks®

At BayBanks, one of the top financial organizations in Massachusetts, we are committed to expanding our leadership position. Strengthen our success by bringing your best to this exciting and challenging position.

Product Analyst/Research and Development

Join the BayBanks team and apply your strong communication and analytical skills by assisting in the identification, evaluation and development of new technology based banking products and services. We are looking for a highly motivated, enthusiastic individual to join our Research and Development team in launching exciting new products and services to consumers.

Responsibilities include assisting Product Managers in research and analysis of business issues as well as in implementation of new technology and marketing programs. You should have working knowledge of PC's and DOS-based Lotus 1-2-3. A BS/BA and 1-2 years of experience in a related financial services position are preferred.

Please forward your resume with salary history to: Michele Campbell, BayBanks Systems, Inc., 1025 Main Street, Waltham, MA 02154.

BayBanks Systems®

The Best Are At BayBanks.

An Equal Opportunity Employer.

The Science and Environmental Reporting Program

An intensive, 48-credit program leading to an M.A. with a specialization in journalism and a Certificate in Science and Environmental Reporting. Applications are now being accepted for the fall 1992 semester. Preference is given to students holding bachelor's degrees in natural science. GRE's are required.

For further information, return the coupon or call (212) 998-7970.

NEW YORK UNIVERSITY
A PRIVATE UNIVERSITY IN THE PUBLIC SERVICE

New York University
Faculty of Arts and Science
Science and Environmental Reporting Program
10 Washington Place
New York, N.Y. 10003
Attn.: William E. Burrows, Director

Please send me more information about your program.

NAME _____

ADDRESS _____

CITY _____

STATE _____

ZIP CODE _____

SCHOOL CURRENTLY ATTENDING _____

MIT

New York University is an affirmative action/equal opportunity institution.

opinion

Remember Pearl Harbor

Column by Matthew H. Hersch

The 50th anniversary of the Japanese bombing of Pearl Harbor is coming up and nobody really knows how to celebrate it, or mourn it, or do what ever people do when they are really upset that people died, or are really upset that they killed people. Some Americans want to rekindle the past and drop nuclear bombs on Japan, and many Japanese want to forget the whole thing. Neither position is right, though. We should remember the past — the real past — not through the fog of racism or the haze of false forgiveness.

When Japan attacked the United States without proper warning on Dec. 7, 1941, it dragged the United States into a war that Japan had already been fighting for 10 years. This much is true. Attempting to consolidate control over East Asia, Japan had attacked China in 1931 and occupied it throughout the decade, ultimately killing 100,000 civilians in the city of Nanking alone. The United States opposed the attacks and imposed economic sanctions on Japan, including an oil boycott. The Japanese government, angered by US meddling in areas of Asia they believed to be their exclusive domain, attacked the American Pacific fleet in Hawaii. The Japanese government had sent a message to Washington warning of the attacks, but the message had not been translated by the time the bombing occurred. Three thousand Americans were killed. The rest is history.

I don't mean to dwell on the past, but I don't think we should forget it, either. In Germany, students learn all about World War II, Nazism and the mistakes of their ancestors. German leaders, except a wacky few, admit that their forefathers screwed up, and the world is not afraid to trust Germany as the world once was.

Germany has struck a balance with itself militarily. Neither imperialistic nor isolationist, it contributes to peacekeeping forces when called upon, yet remains weary of further buildup. German businesses still sell chemical weapons to murderous dictators, and neo-Nazis still bash foreigners, but at least the German government is aware of the subtle, ancient flaws in their political culture, the racism and fear that the greatest of German philosophers have warned them about for centuries.

None of this has happened in Japan. Some Japanese blame the United States for a gap in understanding. True, when the United States occupied Japan after Japan surrendered in 1945, it attempted to suppress painful war memories to keep the Japanese happy. But the occupation ended 40 years ago, and Japan hasn't moved very far on its own. For Japanese schoolchildren, the war starts with the bombing of Hiroshima, and the belief that Japan is destined for greatness, leadership and control has never changed. All the official statements of regret following the war are empty oaths. The Japanese are sad that World War II happened, sad that they lost — convinced that wars are things that drop from the sky, not things that people start.

Japanese foreign policy reflects this denial and confusion. At times shell-shocked and stubbornly isolationist, Japan attempts to cut itself off from the global security interests. At times bitter, it lashes out against the world for hating it so much, and links any apology for Pearl Harbor with the bombing of Hiroshima and Nagasaki, something

the Germans have never done even though they lost more civilians in the war than Japan. Some Japanese talk of an economic conquest of Asia, and how it would succeed where their military adventure failed. Others retreat into sadness, pacifism and neutrality. The world needs neither.

It is quaint, and sometimes even comforting, to mourn the dead. But Pearl Harbor's real meaning goes much beyond that. World War II in Asia started as a trade feud that went too far. Japan fought the world because it thought it could win, and more importantly, because it thought it had the right to win. Japan attacked the United States when and where it did because it thought Uncle Sam had gone soft. The United States, meanwhile, scorned the Japanese for their sneakiness, instead of recognizing that the United States had let itself be attacked by sleeping while it was supposed to be vigilant. When the United States did put itself together, it proved to the world that it was more powerful than it had ever been, and defeated Japan through honest effort and sheer strength, not whimpering.

Japan started World War II. Whether the United States had foreknowledge of the attack on Pearl Harbor is irrelevant. The lessons of the attack and the responsibility for remembering Dec. 7, 1941, apply to both peoples. The United States and Japan must never ignore each other. They must never excuse each other for their wrongdoings, and they must never believe that they hold a monopoly on wisdom, morality or right to power.

Matthew H. Hersch, a sophomore in the Department of Physics, is an opinion editor of The Tech.



The Tech

Volume 111, Number 56 Friday, December 6, 1991

Chairman Lois E. Eaton '92
 Editor in Chief Reuven M. Lerner '92
 Business Manager Mark E. Haseltine '92
 Managing Editor Josh Hartmann '93

News Editors Karen Kaplan '93
 Brian Rosenberg '93
 Katherine Shim '93
 Night Editors Daniel A. Sidney G
 David A. Maltz '93
 Jeremy Hylton '94
 Opinion Editors Bill Jackson '93
 Matthew H. Hersch '94
 Arts Editor Deborah A. Levinson '91
 Photography Editors Vipul Bhushan G
 Douglas D. Keller '93
 Contributing Editors Peter Dunn G
 Michael J. Franklin '88
 Russell Wilcox '91
 Dave Watt
 Advertising Manager Benjamin A. Tao '93
 Production Manager Marie E. V. Coppola '90

NEWS STAFF

Associate News Editors: Alice N. Gilchrist '94, Judy Kim '94, Joey Marquez '94, Sarah Keightley '95, Sabrina Kwon '95; Senior Writers: Andrew L. Fish '89, Linda D'Angelo '90; Staff: Lakshmana Rao G, Joanna E. Stone '92, Shannon Mohr '93, Sharon Price '94, Chris Schechter '94, Kai-Teh Tao '94, George Ipe '95, Eric Richard '95; Meteorologists: Michael C. Morgan G, Yeh-Kai Tung '93, Marek Zebrowski.

PRODUCTION STAFF

Associate Night Editors: Matthew Konosky '95, Garlen C. Leung '95; TEN Director: Jeremy Hylton '94.

OPINION STAFF

Mark A. Smith '92, Christopher M. Montgomery '93, Jae H. Nam '93, Jason Merkoski '94.

SPORTS STAFF

Nick Levitt '94, Jennifer M. Moore '94.

ARTS STAFF

Associate Arts Editor: Chris Roberge '93; Staff: Jonathan Richmond PhD '91, Mark Webster G, Manavendra K. Thakur '87, Michelle P. Perry '91, Sande Chen '92, David Hogg '92, Rick Roos '92, Roy Cantu '93, Brian Rose '93, Nic Kelman '94, Chris Wanjek.

PHOTOGRAPHY STAFF

Associate Photography Editor: Sean Dougherty '93; Staff: Morgan Conn G, Andy Silber G, Michelle Greene '93, Hugh B. Morgenbesser '94; Darkroom Manager: William Chu G.

FEATURES STAFF

Christopher Doerr G, Jon Orwant G, Pawan Sinha G, Jonathan Roorda '92, Mark Hurst '94, Joseph Wezorek '94.

BUSINESS STAFF

Associate Advertising Manager: Shanwei Chen '92; Accounts Manager: Jadene Burgess '93; Circulation Manager: Pradeep Sreekanthan '95; Staff: Karen Schmitt '95, Oscar Yeh '95.

ADVISORY BOARD

V. Michael Bove '83, Harold A. Stern '87.

PRODUCTION STAFF FOR THIS ISSUE

Night Editors: Daniel A. Sidney G
 Jeremy Hylton '94
 Matthew Konosky '95
 Garlen C. Leung '95
 Staff: Vipul Bhushan G, Josh Hartmann '93.

The Tech (ISSN 0148-9607) is published on Tuesdays and Fridays during the academic year (except during MIT vacations), Wednesdays during January, and monthly during the summer for \$20.00 per year Third Class by The Tech, Room W20-483, 94 Massachusetts Avenue, Cambridge, MA 02139-0901. Third Class postage paid at Boston, MA. Non-Profit Org. Permit No. 59720. POSTMASTER: Please send all address changes to our mailing address: The Tech, PO Box 29, MIT Branch, Cambridge, MA 02139-0901. Telephone: (617) 253-1541. FAX: (617) 258-8226. Advertising, subscription, and typesetting rates available. Entire contents © 1991 The Tech. The Tech is a member of The Associated Press. Printed by Mass Web Printing Co.

Letters policy

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

Dissents, marked as such and printed in a distinctive format, are the opinions of the undersigned members of the editorial board choosing to publish their disagreement with the editorial.

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

Letters to the editor are welcome. They must be typed, double spaced and addressed to The Tech, PO Box 29, MIT Branch, Cambridge, MA 02139, or by interdepartmental mail to Room W20-483. Electronic submissions in plain text format may be mailed to tech@athena. All submissions are due by 4 pm two days before the issue date.

Telephoned opinions may be recorded by calling The Tech's Response Line at 258-8219. All recordings must include the caller's full name, MIT affiliation, and telephone number. Periodic summaries of call-in opinions will be printed.

Letters and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. No letter or cartoon will be printed anonymously without express prior approval of The Tech. The Tech reserves the right to edit or condense letters. Shorter letters will be given higher priority. We regret we cannot publish all of the letters we receive.

Sexual tension is natural

Guest column by Rabbi Dan Shevitz

We have seen and heard much in recent days about sexual harassment, both on campus and in the world around us. Like many others, I was caught up in the drama of the Clarence Thomas confirmation hearings, and was left dissatisfied with the outcome. There were no clear good guys and bad guys here: Whether or not justice was done, there was in the background the whole unseemly spectacle of a nation trying to peer into the private lives of two private individuals. Perhaps it was necessary, perhaps not. But it still was an embarrassment.

Did the heightened consciousness to sexual harassment that resulted from all of this justify the insult? Time will tell. But I am also worried that we may have learned the wrong lessons.

One extreme position that is gaining momentum would eliminate all sexuality from public places, including our offices, labs and classes. Cartoonists everywhere nervously joke about secretaries being asked to sign legal waivers before a colleague will offer a compliment. I call this extreme because, I fear, we are focusing on the "sexual" rather than on the "harassment." Just as there is harassment that is not sexual, so there is a natural sexual tension which is natural and healthy. This tension, when acknowledged and treated with respect, allows for a more human workplace. Respect for others should not mean pretending to ignore those qualities that make

us who we are, and gender is certainly one of these.

A second arrant reaction is to bring everything out into public scrutiny. On campus, for example, the "Safer Sex" video is touted as just the very thing to make us responsible citizens. And, after all, it's for health reasons! I believe that the destruction of the inherently private nature of sexuality is doomed to failure, because it ignores one of our most basic human traits: the capacity for shame. We need to be private about some things, and we feel robbed of something precious when our somatic integrity is invaded.

What these two extremes have in common is that neither values sexual differences as an important ingredient in social life: one ignores them, and the other does not respect them. So how then, to walk the ever-shifting lines between respect and aloofness, between private and public? We are just beginning to learn the rules, and will need to keep our moral sensitivities well maintained and free of cobwebs if we are to succeed.

Rabbi Dan Shevitz is the Jewish chaplain and director of MIT Hillel.

This is the first in a series of weekly columns by the MIT chaplains. Opinions expressed are those of the author alone. The chaplains welcome responses and will use this space to deal with questions raised by members of the community.

opinion



LETTERS TO THE EDITOR

Bad column means Lerner and Jackson must resign

Never before have I seen anything as disgusting as Bill Jackson '93's latest column ["The Thistle's real bias," Nov. 22].

I am not a Bill Jackson basher. I feel that almost all of his past columns have been excellent; he writes in a very convincing style, using just the right combination of wit and common sense to really bring his point home. However, his last column was far from excellent. It was a petty, hot-blooded, juvenile outburst. There is absolutely no excuse for the incredible lack of judgment that came to publish information about the personal problems of members of the Alternative News Collective.

Such information has nothing to do with *The Thistle* or what it stands for. Instead of attacking *The Thistle* for their opinions, Jackson attacked them personally by scooping up all the muck that he could find and slinging it at high speed. Whether the information that he published is true or not is of no consequence. Both he, and the other editors of *The Tech* should know better.

The Tech has graced both itself and the MIT community by allowing this column to be published. I call for a formal apology, and for Editor in Chief Reuven M. Lerner '92 and Opinion Editor Bill Jackson '93 to re-

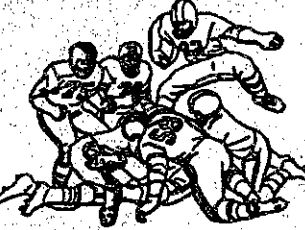

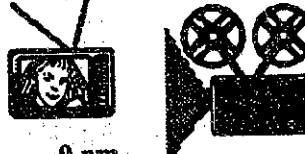

move themselves from their positions on the editing staff.

George Cooley '93
(Editor's Note: As elaborated in our letters policy, opinions expressed in columns are those of their authors only. We stand by our decision to publish Jackson's column.)

Enjoy different events every day at...

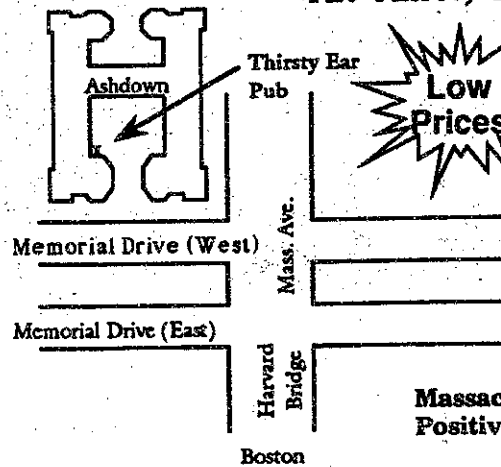
The Thirsty Ear Pub

In the basement of Ashdown House 305 Memorial Drive

Monday	Tuesday	Wednesday	Friday
Monday Night Football 	featuring <i>Wing-It</i> Buffalo Wings  7 pm	The Thirsty Ear's movie of the week  9 pm	"Bucket of Rocks"  A new way to enjoy Rolling Rocks

The Thirsty Ear Pub has a full selection of beers including:

Anchor Steam • Belhaven Ale • Guinness • McEwans • Sam Smith's Oatmeal Stout • Sam Smith's Nut Brown Ale • Watney's Red Barrel • Amstel Light • Heineken • New Castle Brown • Beck's • Dos Equis • Harp • Killian's Red • Sam Adams • Labatt's • Moosehead • Molson • and other fine beers.



Massachusetts drinking age 21. Positive ID required.

Hours:
Mon-Thu 6 pm - 1 am
Fri 4 pm - 1 am

Right Macintosh. Right price. Right now.



Macintosh Classic® System.

Macintosh LC System.

Macintosh IIsi System.

Now's the right time to buy an Apple® Macintosh® computer system. Because right now you can save big on Apple's most popular computers and qualifying printers. And Macintosh is the right computer to help you achieve your best, throughout college and beyond.

What's more, you may even qualify for the new Apple Computer Loan, which makes buying a Macintosh now even easier.

So come in right now and check out the big savings on Macintosh. But hurry—these special savings last only through January 5, 1992.

For all of your computer needs visit the
MIT Computer Connection
Student Center Lower Level or call 253-7686



SPRING 92 BREAK 92

VACATION OUTLET
FLEX BASEMENT

WE HAVE THE BEST
DISCOUNT
TRAVEL AVAILABLE!

MEXICO

CANCUN & COZUMEL

VENEZUELA

MARGARITA ISLAND

JAMAICA

MONTEGO BAY

NEGRIL, OCHO RIOS

BAHAMAS

NASSAU

FLORIDA

DAYTONA BEACH

Round Trip Air, Prices from
7 Nights Hotel
& Transfers

Book by
credit card!

\$349

CALL Joe (617) 845-1855

Ozawa, Oliver bring out religious side of Requiem

BOSTON SYMPHONY ORCHESTRA

Conducted by Seiji Ozawa.
Tanglewood Festival Chorus,
John Oliver, Director.
Mozart's Requiem, and
Stravinsky's Apollo.
December 5, 7 & 10 at 8 pm.
Today at 2 pm.

By JONATHAN RICHMOND

SEIJI OZAWA AND JOHN OLIVER HAVE produced a performance of Mozart's *Requiem* of religious depth for this week's performances by the Boston Symphony Orchestra. It isn't the hardest-hitting of possible interpretations, but it is pure Mozart and it is spiritually soothing.

The performance is blessed with a quartet of soloists, who not only show a sensitive understanding of the music, but blend together effectively. Yesterday night, soprano Deborah Voigt's soaring lines and nobility of voice evoked the presence of Mozart's Countess (from *The Marriage of Figaro*) during some of her most profound moments. Janis Taylor, mezzo-soprano, sang firmly and with vigor, providing a natural contrast to Voigt.

John del Carlo's baritone voice projected strongly, while tenor Philip Langridge drew the maximum drama from his music



Senior Lecturer John Oliver

in a fresh and lively treatment of his part. The quartet together sounded quite operatic and made their music alive with meaning.

John Oliver's Tanglewood Festival Chorus sang with its trademark clarity and attention to enunciation. Hearing each



Seiji Ozawa

word being carefully shaped and delivered to capture the maximum interest was a real pleasure. The women sang with a moving quietness at times, accentuating the holiness of their musical message. Singing in unison the chorus evoked power, at the end of the Kyrie, and during the

noble-sounding *Rex tremendae*, for example. The *Confutatis* and *Lacrimosa* may have been more relaxed than in many other performances, but the power of these movements lay in the inner-emotions which were expressed. There was a wonderfully managed crescendo during the *Lacrimosa*, which was magical in its evocation of the warmth and humanity of Mozart.

Orchestral playing was sensitive, from the haunting opening of the *Requiem* to the soft, pious string playing for the final line of the *Rex tremendae*. There were brief passages of slack, and times when more differentiation between the orchestral voices would have been desirable. But, given the choice of an "original instruments" performance, where individuality of instrumental voices can be more easily accomplished, but where the interpretation has little substance (of which Christopher Hogwood's Symphony Hall performance with the Handel & Haydn Society is a prime example), and a performance with less instrumental individuality but a living, glowing soul — such as that of Ozawa and Oliver — I'll choose the latter every day.

The concert also included Stravinsky's *Apollo*. The performance could have been more tautly done, but there was much color to the playing.

classified advertising

Marketing Liaison. Enthusiastic and outgoing juniors and seniors needed to market a national educational services company. Work on campus, flexible hours, hourly wage and commission. Call 876-7730 for interview.

Ski Sugarbush Vermont. Special Student Rates. Example: 5 nights lodging, 5 1/2 days of skiing, \$225 all inclusive. Powderhound 1-800-548-4022.

Spring Break in Cancun! It will be here before you know it! Outgoing campus representative wanted by the nation's largest and most successful spring break operator. Receive a free trip and cash for promoting our trips to your friends and classmates. Call 1-800-395-4896 for more information!

Daytona Beach! Spring break '92 March 20 - 29. Oceanfront hotel on strip. Best beaches, clubs, party! Includes seven nights hotel, plus roundtrip motorcoach. Only \$259.00! (quad. occ.) Call Yankee Tours at 1-800-9DAYTONA, M - F, 8 - 6.

Cheap! FBI/U.S. Seized 89 Mercedes \$200, 86 VW \$50, 87 Mercedes \$100, 65 Mustang \$50. Choose from thousands starting \$25. Free 24 hour recording reveals details 801-379-2929. Copyright #MA 12KJC

One bedroom available immediately, \$250 near Kendall Square and MIT. Newly painted room, in three bedroom apartment shared with two male MIT students, will paint trim to your choice. Call Clay, 254-3072.

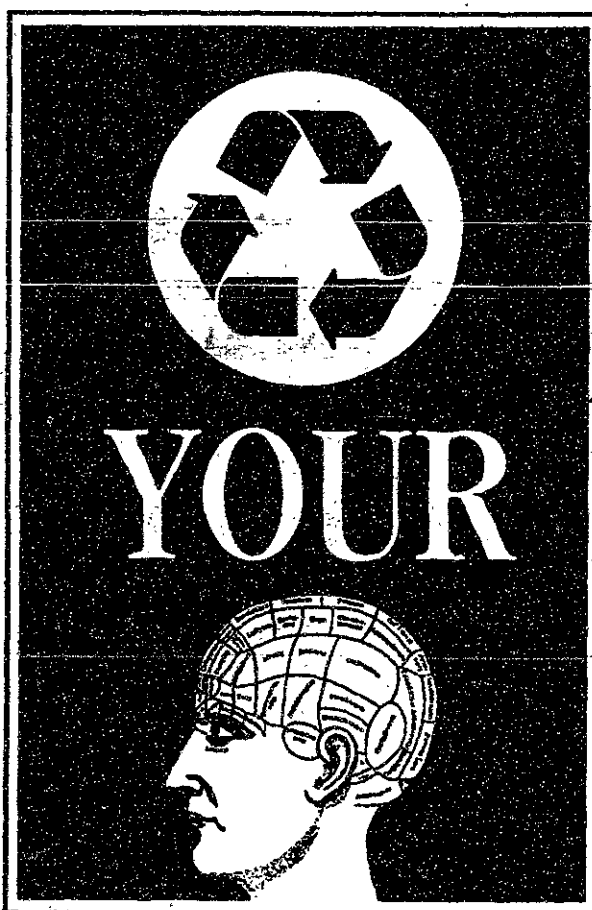
\$40,000/yr! Read books and TV scripts. Fill out simple "like/don't like" form. Easy! Fun, relaxing at home, beach, vacations. Guaranteed paycheck. Free 24 hour recording 801-379-2925. Copyright #MA 12KEB.

Cambridge MIT/Central. Knockout three bedroom 1,400 sf duplex, two baths, huge deck, two garage parking. \$175,000. Rene 864-9488 agt.

Female wanted to share 2BR rent-control apt. in Cambridge, Jan. 1st, 1992. Excellent location (1010 Mass. Ave.), spacious, hardwood floors, safe, superintendent on premises, near bus and subway. \$350 mo. including utilities. Inger 868-1057, or Abeer x3-5957.

The Tech Subscription Rates: \$20 one year 3rd class mail (\$37 two years); \$55 one year 1st class mail (\$105 two years); \$52 one year air mail to Canada or Mexico or surface mail overseas; \$140 one year air mail overseas; \$10 one year MIT Mail (2 years \$18). Prepayment required.

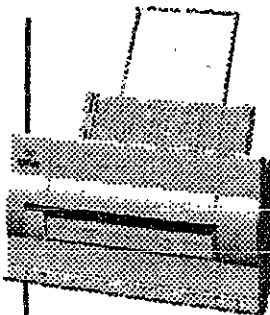
TRADE-UP • RECYCLE YOUR MIND • TRADE-UP



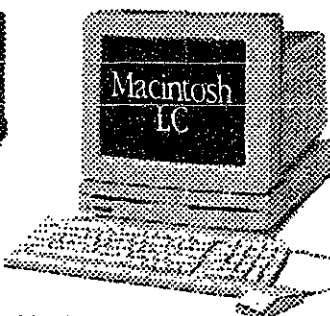
Trade-Up your Mac

increase your productivity

- 1 So, you're ready for a better mousetrap? If you've been dreaming of a new Macintosh®, pack up your old Apple® and bring it in for a trade-up evaluation on December 18 & 19. The Macintosh Trade-Up program is a great way to recycle your old computer or printer and offset the price of your new Macintosh equipment at the same time!
- 2 For a limited time, save up to \$800 on the computer/printer bundle that's right for you! To find out more, stop by the MIT Computer Connection. We can answer any questions you have about which Mac® best suits your needs.



Apple® StyleWriter®
Lightweight, ultra-quiet ink-jet printer outputs laser quality.



Macintosh® LC
Enter the world of color and sound at an affordable price!



- 3 The Apple Computer Loan program is a great way to get the Macintosh system you've been dreaming about. Stop by the MIT Computer Connection for more information and an application.

- 4 Act now to take advantage of our Right Now Rebate, Macintosh Trade-Up program, and Apple Computer Loan!

Next Trade-Up Dates:
December 18, 1991
Sloan School Lobby
December 19, 1991
Student Center Lobby
Call 258-9537 for an appointment.

MIT Computer Connection, Student Center-Lower Level, Mon. 12-4:30, Tues.-Fri. 10-4:30, <mcc@mit.edu>, (617) 253-7686

RECYCLE YOUR MIND • TRADE-UP • RECYCLE YOUR MIND

©1991 Apple Computer, Inc. Apple, the Apple logo, LaserWriter, Mac, Macintosh and StyleWriter are registered trademarks of Apple Computer, Inc. AppleCare is a registered service mark of Apple Computer, Inc.

Two standouts of the holiday film season

Disney's *Beauty and the Beast* is their best film since *Fantasia*

BEAUTY AND THE BEAST

Directed by Gary Trousdale and Kirk Wise.

Voices of Paige O'Hara, Robbie Benson, David Ogden Stiers and Angela Lansbury. Now playing at Loews Copley Place.

By ELAINE McCORMICK

WHEN I SAW *FANTASIA*, I thought, "This is the best animated movie ever made" — and it was. But it is no longer. *Beauty and the Beast* goes far beyond *Fantasia*. It has the same lavish animation, rich orchestral score, and creative choreography. But it also has a story line that carries you along breathlessly, and delightful characters.

The funniest characters are the magical denizens of the enchanted castle. Lumiere (Jerry Orbach), the womanizing candlestick, has a rakish glint in his eye and a smirk on his, um, rim. Cogsworth (David Ogden Stiers), the type-A clock, worries, frets and leaves a trail of springs and screws behind him. Mrs. Potts (Angela Lansbury), the motherly enchanted teapot with a British accent, natters to her cracked teacup son, Chip (Bradley Michael Pierce), and dishes out advice to whoever will listen. And the enchanted footrest prances around, barking shrilly and wagging its tassel.

The enchanted castle gives plenty of opportunity for hilarious scenes like Lumiere singing "Be Our Guest," backed by a

chorus of tap-dancing plates with matchstick canes and forks can-canning on huge, tiered cakes, spoons doing water ballet in urns of punch and feather dusters waving their skirts like Toulouse-Lautrec dancers.

But the best characters are Belle and the Beast (Paige O'Hara and Robby Benson). "In the original fairy tale," according to the producer, Don Hahn, "Beauty's father goes to the castle and picks a rose. The beast is enraged, throws him in a dungeon, but agrees to let him go if he sends his daughter back in his place. She very passively follows her father's instructions, and the rest of the story is essentially about two people having dinner together every night with the beast repeatedly asking her to marry him." I can easily imagine a '50s animated version of *Beauty and the Beast*, with Beauty a blond, blue-eyed innocent in a filmy dress, who is overcome by the Beast's virility, and falls in love with him, even as he holds her prisoner.

Fortunately, in the '90s, we no longer have to endure Wonderbread romances. Instead, Belle is smart, gutsy and independent. No damsel-in-distress, Belle rescues her father twice, stands up to the Beast consistently, and holds her own against an angry mob.

She rejects her conceited suitor, Gaston (Richard White), who is virile to the point of testosterone poisoning, because the perfect marriage he imagines involves relaxing in his hunting lodge, with "my little wife massaging my feet, while the children play



Gaston, Belle's narrow-minded suitor, makes fun of her for reading a book.

on the floor." "Imagine me," Belle laughs, "the wife of that boarish, brainless" man. "There must be more than this provincial life."

Gaston simply cannot understand why she refuses to marry him. He's the best hunter in the village. He's as big as a barge. He has biceps thicker than Pop-eye's. And "every inch of [him] is covered with hair." What more could a girl want? Certainly, his entourage of fawning blondes in pastel dresses thinks he's just heavenly.

But Belle's no ordinary girl. She wants romance and adventure. Only with the Beast can she find both. But first, he needs some taming. His temper is outrageous. He shreds paintings and trashes his room until it's worse than a frat house. He prowls around the house, growling and roaring at everyone, until even the wardrobe is afraid of him. He's used to being the king in his castle, and he expects to continue to get his way. He hasn't courted on Belle.

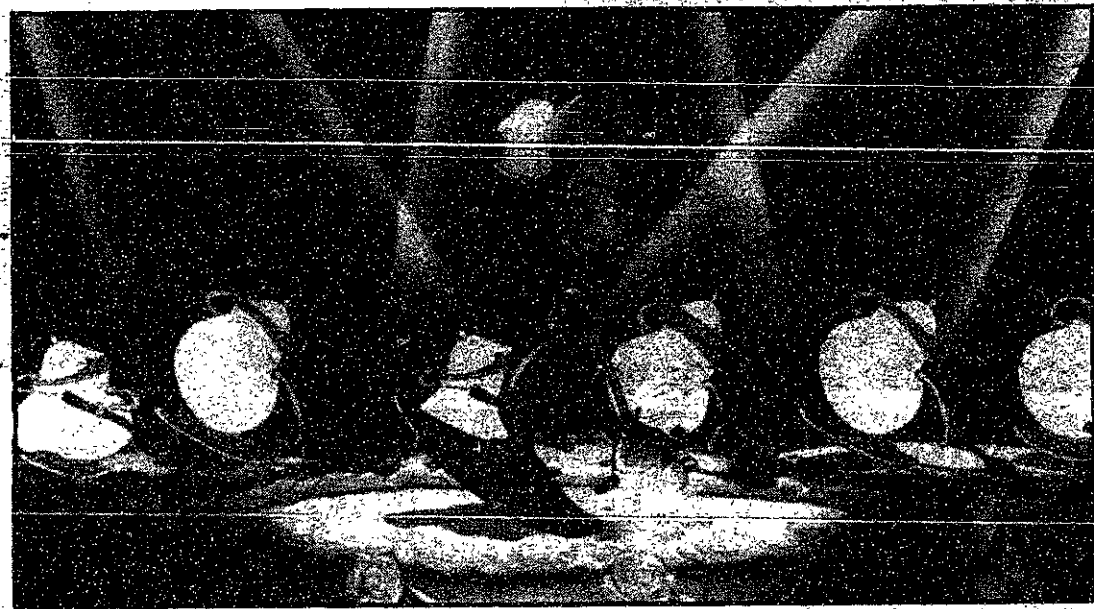
Belle is also used to getting her own way. For every demand the Beast has, Belle has a contradictory answer. When he orders her to join him for dinner, she locks herself in her room. When he roars outside her door, "I thought I told you to come down to dinner," she snaps back, "I'm not hungry." When he threatens, "You can't stay in there forever," she tosses back, "Oh, yes, I can." They become locked in a contest of wills in which the Beast finally succumbs, because he has more to gain — the breaking of the

enchantment.

Under Belle's influence, the Beast starts walking erect, rather than prowling like a wolf; eating gracefully, instead of slopping like a pig; dressing neatly, instead of roaming around dressed like a caveman; and most of all, he starts controlling his temper. Belle starts out brave, bright and determined, and by the end of the movie, she's still brave, bright and determined, but she is also in love. The Beast undergoes a complete personality change, gradually becoming more lovable, until, by the end, he's a soft, sensitive, New Age Beast.

In so many movies and animated films, the girl ends up loving the man because of his virility and machismo, even when loving him means curtailing her own freedom. But in *Beauty and the Beast*, Belle loses nothing by loving the Beast. The Beast, by loving Belle, rids himself of his enchantment, and gains a delightful partner. You can't help but suspect that, after a couple of years of living happily ever after, the Beast may lapse somewhat into his former demanding self, but you know that when he does, Belle will be strong enough to handle it.

When I was growing up, cartoons implied that girls had to look like Barbie dolls or be as cute and cuddly as Pebbles Flintstone to get by. Even after the regular film industry realized that it wasn't cool to produce sexist films, the animation industry continued to crank them out. But finally, hooray, hooray, they've come around. Betty Boop, Jane Jetson and Minnie Mouse, watch out!



Lumiere, an enchanted candlestick, leads assorted kitchenware in a song and dance.

Star Trek VI is a triumphant return for the Enterprise and her crew

STAR TREK VI: THE UNDISCOVERED COUNTRY

Directed by Nicholas Meyer.

Starring William Shatner, Leonard Nimoy and DeForest Kelley.

At the Loews Charles.

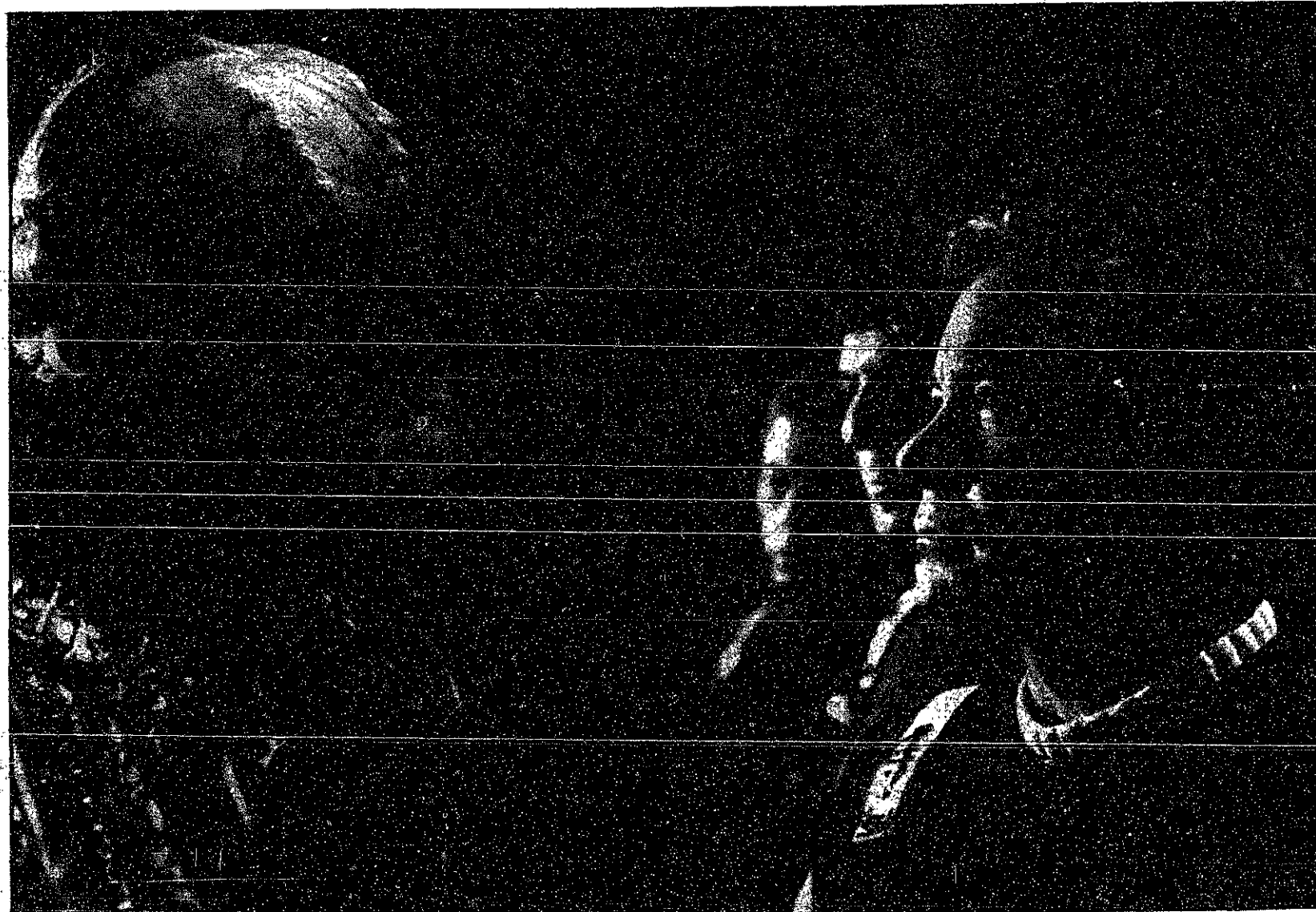
By REUVEN M. LERNER

WHAT IS LEFT FOR THE CREW OF the *Enterprise* to do? Captain Kirk, Mr. Spock and Dr. McCoy have saved themselves, Earth and the United Federation of Planets countless times from dozens of evil characters and races; does *Star Trek VI: The Undiscovered Country* offer anything new?

Luckily for *Star Trek* fans, the answer to that question is "yes." While it has its weaknesses, *Star Trek VI* is exactly what a good *Star Trek* film should be, with a reasonable balance of aliens, character interaction, on-screen moralizing, special effects and one-liners.

Star Trek VI is set at the beginning of the end of the Klingon Empire, which has been fighting the Federation for many years. After the moon Praxis explodes, wreaking havoc with their atmosphere, the Klingons decide that they are unable to continue their war with the Federation, and offer to make peace with the Federation. Kirk and the *Enterprise* crew are chosen to escort Chancellor Gorkon, who heads the Klingon peace mission, into Federation space. Someone doesn't want the

(Please turn to page 9)

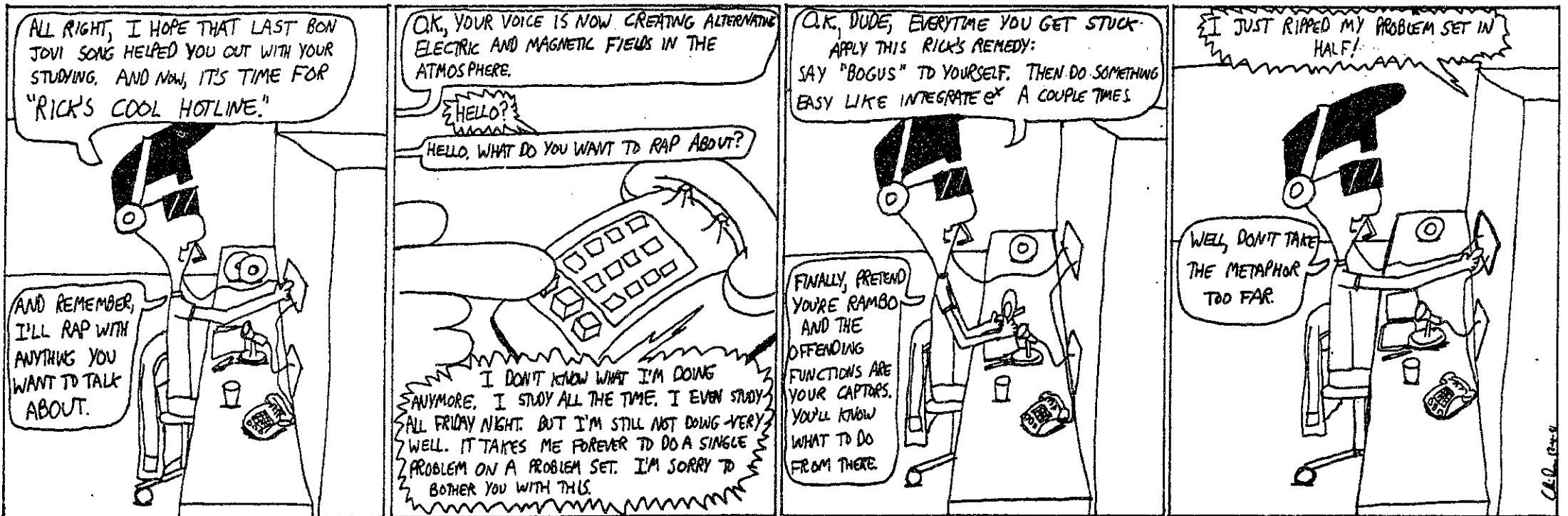


Captain Kirk (William Shatner, right) confronts Klingon Chancellor Gorkon (David Warner).

comics

Nick

By Christopher Doerr



PSC
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Public Service Center

SUBJECTS WANTED
HYPNOSIS AND IMMUNITY STUDY

PAYS UP TO \$300

SUBJECTS MUST:

- Be In Good Health
- Be Available Beginning January 1992

CALL: Jean Wolcott for more information at 617-735-3293

Steven Locke, MD
Beth Israel Hospital

IT'S NOT TOO LATE...

From **BOSTON** round trips starting at

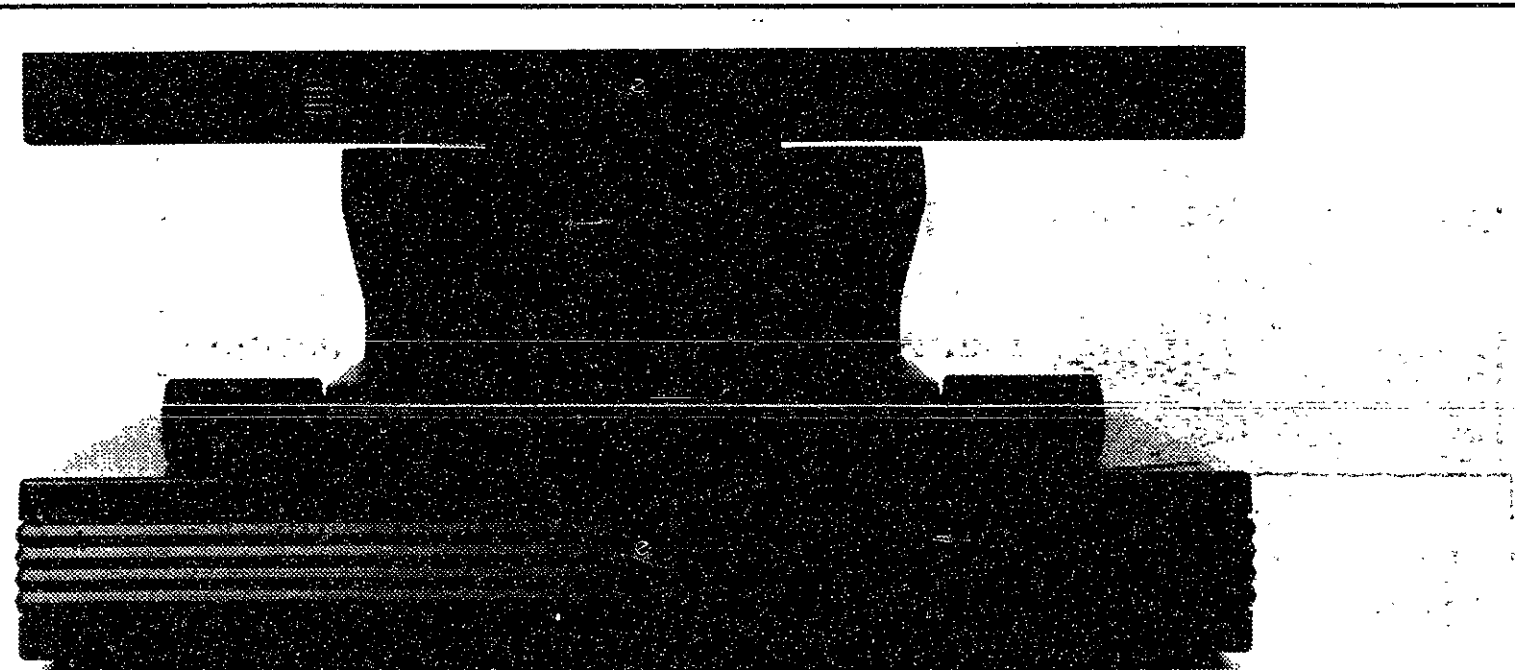
LONDON	\$350
MADRID	658
PARIS	538
BRUSSELS	490
LENINGRAD	598
CARACAS	410
SYDNEY	1033
LOS ANGELES	338
NEW YORK	118

Taxes & surcharges not included. Fares subject to change.

...BOOK OUR LOW FARES HOME FOR THANKSGIVING!!!

Also: **EURAIL PASSES ISSUED ON THE SPOT!** Work & Study Abroad programs, International Student & Teacher I.D.

Council Travel
Stratton Student Center,
MIT W20-024
Cambridge, MA 02139
225-2555



OUR WORKSTATIONS HELP YOU MASTER EVERYTHING FROM MATH TO SCIENCE TO MUSIC. BUT COME FEBRUARY, OUR DISCOUNT WILL BE HISTORY.

NeXTstation™ computers are extremely fast and powerful workstations. But you'll have to be fast yourself to take advantage of our special holiday savings, because they end January 31st.

Even without savings, the price/performance of these workstations is unequalled anywhere in the industry. They offer features like an easy-to-use graphical interface, 8MB of RAM, enormous disk storage, a standard UNIX® operating system, true multi-tasking, and a 15MIPS CPU. They also have built-in Ethernet networking, a large monitor with true display PostScript®, and a built-in DSP chip for CD-quality sound.

- SAVE \$150**
- SAVE \$200**
- SAVE \$100**

They're ideally suited to every kind of academic work—from computation-intensive math and science projects to report writing, complicated research, in depth analysis—and yes, even composing music.

That's partly because the best versions of many industry-leading software products are the ones written for NeXTstations. These products include WordPerfect®, Adobe Illustrator®, Lotus® Improv™, Soft PC®, and a great many more. *Mathematica*®, the acclaimed numeric-processing software, is even included free.

Given all this, about the only way we could improve the price/performance of a NeXTstation is to make the price lower. Which is just what these special savings do.

We recommend you visit your campus reseller today—before this offer becomes ancient history.

© 1991 NeXT Computer, Inc. All rights reserved. NeXT, the NeXT logo and NeXTstation are trademarks of NeXT Computer, Inc. All other trademarks mentioned belong to their respective owners.



MIT COMPUTER CONNECTION
Stratton Student Center, W20-021
Monday Noon - 4:30pm
Tuesday - Friday 10am-4:30pm
253-7686, mcc@mit.edu

A R T S

The Enterprise and her crew meet Klingons in Star Trek VI

(Continued from page 7)

war to end, though, and almost the entire movie is spent searching for the mission's saboteurs.

Anyone who has watched *Star Trek: The Next Generation* on television knows that the peace mission eventually succeeds, and that the Federation and Klingons eventually stop fighting. *Star Trek VI* details the beginning of the process that led to this peace, paving the way for cooperation between two galactic superpowers.

Interplay between the characters is a high point of the film. These actors have worked together for 25 years, and it shows — there is an ease and flexibility to their work that almost makes the film seem more like real life than actors working on a set. Some parts of the plot seem a bit contrived, put there only in order to give each of the main characters a chance to show off their talents, but *Star Trek VI* holds together rather well, even giving Spock a chance to play Sherlock Holmes in an interstellar whodunnit.

From starships exploding to frozen wastelands to shape-changing aliens, the

film was visually compelling. Perhaps the special-effects were typical of modern science fiction movies, but the fact that so many other films have similar effects did not take away from their breathtaking impact in the theater.

The film's greatest flaw is at the beginning, when Praxis explodes and the Federation discusses the Klingon peace mission's arrival. While *Star Trek* fans who are familiar with the characters and settings might be able to follow the quickly unfolding sequence of events, newcomers may feel somewhat lost until the Klingons arrive. This is not the most exciting or important part of the movie, however, so non-addicts shouldn't worry that they might not understand the plot.

Star Trek VI is an exciting film, one that nearly makes up for its immediate predecessor. The worst part of watching it was knowing that this would be the last time we see these characters together; according to Paramount, this is the *Enterprise's* final adventure under Kirk's command. Fans of all ages might be sad to see them go, but at least they went out on the right foot. Bravo!



The Klingons put Captain Kirk (William Shatner, left) and Dr. McCoy (DeForest Kelley) on trial.

What's Up? On The Town *only in The Tech*

\$30!! 4-volume color set, **Dynamics: The Geometry of Behavior** (Abraham & Shaw) 700 pages, 850 illus.

Aerial Press
P.O. Box 1360
Santa Cruz, CA 95061
408-425-8619

LAST CHANCE
OFF ROAD
11/12/20/91

Computer Manager:

Person to manage UNIX and VMS workstation network and computer graphics in an X-ray Crystallographic lab; develop and implement software, train lab personnel, and interact with various research groups involved in structural biology and drug design. BS and experience in VMS and UNIX operating system and FORTRAN programming required. Send resume and salary requirements to Dr. Robert Liddington, Dana-Farber Cancer Institute, D-1040, 44 Binney Street, Boston, MA 02115

Harvard-Epworth United Methodist Church

1555 Massachusetts Avenue
(opposite Cambridge Common)

Sundays, 9 and 11 a.m.

**FREE FOR STUDENTS
FREE FOR STUDENTS**

Tickets and Transportation to:

Mozart and Cosmology

WORLD PREMIERE

Commemorating the 200th anniversary of Mozart's death, a collaborative performance of dance, music, and laser art created by Beth Soll, MIT Dance Workshop Director, and Paul Earls, CAVS Fellow.

Saturday, December 14, 8pm
Northeastern University

To reserve a ticket, please sign up **IN PERSON ONLY** at the Office of the Arts (E15-205, Wiesner Building), Mon-Fri 9:00am-5:00pm. A valid MIT student ID must be presented. A \$5.00 deposit is required; deposits will be refunded after the performance date. For more information, call 253-2372.

Round-trip transportation will be provided. Arrive at the Wiesner Building's first floor lobby by 7:15pm on Saturday, December 14 for ticket distribution and bus departure.

SPONSORED BY THE COUNCIL FOR THE ARTS AT MIT

**FREE FOR STUDENTS
FREE FOR STUDENTS**

Savings that add up!

the Coop
MIT COOP AT KENDALL
3 CAMBRIDGE CENTER
W-FRI 9:15-8:30
SAT 9:15-8:45
SUN 12-6

SAVE 28-42%
Springer Verlag Reference Books.

It's time for the Annual Springer Verlag Math, Engineering and Computer Science Sale! Stock up on fine reference books... your source for immediate answers.

Shown:	Reg.	SALE
Semiconductor Equations Markowich	\$54.50	\$39 ⁵⁰
Engineering Mathematics Stroud	\$44	\$25 ⁵⁰
Guide to Simulation Bratley	\$55	\$39 ⁵⁰

FREE PARKING AT KENDALL: AFTER 5 WEEKDAYS AND ALL DAY SAT AT MARRIOTT HOTEL. *WITH SALES RECEIPT SHOWING \$5 MIN. COOP PURCHASE: VALIDATE AT CASHIER'S DESK AT THE COOP.

Debate over fifth force revived

By Jayant Kumar

A recent experiment has reopened the controversy surrounding the existence of a "fifth force." This force, if it exists, would account for disagreement between predicted and observed values of G , the gravitational constant.

Results of a three-year study in the Pacific Ocean found no variation of G from the value predicted by Newton's inverse square law for gravitational force. The study suggests that the fifth force does not act over distances from a few feet to a few miles.

The experiment leaves open the question of whether the force acts at distances less than one inch or greater than a few dozen miles. Furthermore, variations smaller than 0.1% of G would not have been detected during the study, conducted at the University of California at San Diego's Scripps Institution of Oceanography. These openings have left physicists around the world, including those at MIT, in disagreement over the existence of a fifth force.

Debate began in earnest five years ago, when several groups of physicists claimed to have found a force distinct from the four fundamental forces of nature: weak, strong, gravitational and electromagnetic.

One of the first experiments, conducted in 1987, measured G at different depths in a 500-meter mine shaft in Australia. A team of researchers from the University of Queensland measured G to be 1% greater than the value of 6.672×10^{-11} newton-meters per kilogram squared predicted by Newton's inverse square law.

Their results were questioned one year later at a physics colloquium on New and Exotic Phenomena held in the French Alps.

The colloquium found that the Australian group had not fully taken into account the local density distribution of the rocks in the mine shaft. This oversight resulted in an overestimate of the size of the gravitation anomaly present in the rock layer.

In response to this difficulty, Donald Eckhardt and his colleagues at the Air Force Geophysics Laboratory in Massachusetts measured G in the air as they descended a 600-foot tower located on flat North Carolina terrain. Eckhardt's measurements of G also showed a discrepancy from Newton's inverse square law, but his value of G was 2% less than the expected value. These results further added to the fifth force confusion, leaving physicists unsure whether this new force is attractive or repulsive.

Another group of researchers claimed that the fifth force is caused by a chemical property called isotopic spin. Isotopic spin is a quantum number related to the number of different values of electric charge a subatomic particle can have. The fifth force would thus differentiate between protons and neutrons, which have the same mass but different quark constituents, and thus different charges.

This theory was discredited by Eric Adelberger and Christopher Stubbs of the University of Washington at Seattle. Using a shielded and freely oscillating torsion pendulum with four hanging test masses, they found no significant variation from Newton's gravitational constant attributable to isotopic spin.

Although no fifth force experiments have been carried out at MIT, the physics faculty has followed the topic closely, and many disagree on the issue. Stephen G. Steadman, senior research scien-

tist in the Laboratory for Nuclear Science, is skeptical. He believes "the Adelberger experiments were extremely well done and showed no indication of a fifth force."

George S. F. Stephans, who works in Steadman's research group, said "the fifth force is a very interesting field which can't be ruled out conclusively." Stephans has avoided forming a final opinion on the fifth force. He is awaiting the results of experiments underway at the Lawrence Livermore National Laboratory before making his decision.

Professor Alan J. Lazarus said the consensus of the physics community is that the fifth force does not exist. He added, however, that more accurate instruments could reveal effects too small to be detected at present.

Order Your 1992 MIT Yearbook Early & Save!

The MIT Coop is now accepting orders for the "Technique," MIT's 1992 yearbook. Use your Coop charge, credit card, check or cash to place your order at the Kendall or Stratton Center store. Member rebate eligible. Some past issues also available.

Advance price on 1992 Book (til 3/6/92) \$35 After 3/6/92 \$40

MIT COOP AT KENDALL
3 CAMBRIDGE CENTER
M-FRI 9:15-8:30 THUR TIL 8:30
SAT 9:15-5:45
SUN 12-6



the Coop

Third in a series.

Pressure to excel is inherent in any institution that strives to be the best of its kind. For many of us, M.I.T. is our first experience in an environment where the problems are so challenging and where our fellow students are so capable.

The challenge to our confidence and self-esteem can be enormous and leads to pressure to "measure up".

There is a temptation to suggest changes to reduce this pressure: a lighter course load, easier grading, easier courses, less homework, etc.

Experience teaches us that in the long run, self-esteem and confidence cannot come from reducing the challenges we face. Confidence and self-esteem, rather, are inward manifestations of a very special experience.

This experience comes the same way scientific knowledge is obtained: by testing in a real situation. When we face the challenges of solving real and difficult problems; when we solve problems others have attempted and have not solved; when we break ground with new knowledge; when we see our own solutions tested by reality and verified, then we acquire confidence and self-esteem. There simply is no other way. And recognition, when it comes, is fully deserved.

In the most basic terms, we gain confidence and self-esteem not by reducing challenges, but by meeting and overcoming them. Less pressure does not produce self-esteem, and it certainly does not provide confidence.

Our challenge is to approach every problem with this perspective. Our challenge is also to develop the attitude that only the best effort is acceptable and the belief that we can, in fact, produce the best work.

While we struggle and learn we need to remind each other that we have chosen the finest and most challenging educational institution of its kind, and that the confidence and recognition will eventually come.

Note: Each year the Bose Foundation sponsors a one year fellowship for a first year graduate student in electrical engineering. Please see your faculty advisor for more information or write Rhonda Long, Bose Foundation, The Mountain, Framingham, MA 01701-9168.

Deadline for application: February 21, 1992

BOSE

ATTENTION International Students

If you plan to travel outside of the United States, please remember to stop by the International Student Office, 5-106. You need to have page 4 of your I-20 or the pink page of your IAP-66 signed by one of the International Student Advisors. If your I-20 or IAP-66 has already been signed this semester, you do not need another signature. Also be sure to pickup the appropriate travel handouts.

Please keep in mind that most international students travel during the holidays. The International Student Office is generally flooded with requests at this time. Stop by early to ensure that your documents are in order, especially if you need to apply for a new visa!

*If You Want To
Get In
You've Got to
Stand Out!*

**THE
RONKIN
EDUCATIONAL GROUP**

8 Story Street
Cambridge, MA 02138
617-876-7730

**IAP Classes Forming NOW
GMAT • GRE • LSAT**

Doughnut stand back after securing permit

By Karen Kaplan

On November 26, a representative from the Cambridge Board of Health forced the doughnut stand in Lobby 7 to shutdown because it did not have a food registration permit. The doughnut stand, which raises money each year for the junior class, is usually the major source of funding for Senior Week.

Although the doughnut stand will sell coffee and day-old, half-price doughnuts today and return to full operation on Monday, the Class of '93 lost approximately \$200 in revenue during the one-week shutdown. In addition, the class lost \$200 when a shipment of food arrived on Monday "but we couldn't sell it," said Scott M. Liwan '93, manager of the doughnut stand.

Lawin said a sanitary inspector from the board of health approached a doughnut stand worker and asked for the operating license, which the stand did not have. The inspector did not have the authority to close the stand, but said all service should stop until a permit was obtained. "We've been in operation for more than ten years. I don't know why we don't have one," Lawin said.

Lawin decided to close the stand until a permit was secured

so that the Class of '93 would not be fined. The matter was turned over to John T. McNeil, associate director of MIT Food Services, who arranged for the \$75 permit. MIT agreed to foot the bill, Lawin said.

"There's no problem. It was just a misunderstanding. Everything has been resolved," said Joseph Nicoloro, senior inspector of the Environmental Health Division at the Cambridge Board of Health.

Nicoloro said that all concession operators are supposed to notify the health department and inform them of the source of the food they are selling, even if they do not prepare it themselves. "Scott was not aware of that. But he's all set. The stand will re-open," he said.

Last year's junior class raised approximately \$4000 in proceeds from the doughnut stand. "The doughnut stand has always been that one automatic money maker. With all other fundraisers, you either make a lot of money or lose a lot of money," said Jennifer B. Singer '92, class treasurer.

Nicoloro said that all concessions stands, including one-day Chinese pastry sales in Lobby 10 and the Student Center, must file food registration permits with the Board of Health.



Joshua D. Milner '95 lights Hillel's test tube menorah in Lobby 7, Wednesday.

Michelle Greene/The Tech

Folk Dance Club enjoys popularity

(Continued from page 1)
dancing on Tuesdays. Beginners are welcome at these sessions, and there is an early teaching period starting at 7:00 pm. According to Cowen, approximately 100 people turn up on Sunday and Wednesday nights, 35 to 50 of whom are MIT students and faculty.

Though Sundays are termed international dancing nights, Cowen said a more accurate name would be East and West European dancing with additions from the Middle East. "We have only a few African dances and we don't know of any Asian dances. If anyone wants to come and teach us a Korean or African or other dance which could fit into our format, we would be excited."

The Folk Dance Club also sponsors dance workshops by visiting artists throughout the year and a special workshop on waltzes and similar dances during Independent Activities Period. The performing branch of the Folk Dance Club gives public performances from time to time in response to student interest, Cowen said.

Dance space at MIT is limited

Student groups such as the Folk Dance Club often feel they have to compete for the limited amount of performance space available at MIT. "There are so many groups on campus, and the only auditorium is Kresge Auditorium, which is heavily overbooked. There is now a desperate need to build a different auditorium which can be used by various groups for rehearsals as well as performances," Cowen said.

"Student groups on campus have to reserve the facilities at least one year in advance if they want to schedule an event in these auditoriums on a regular weekend," said Patricia B. Murphy, an administrative assistant in the Campus Activities Complex who is responsible for reservations for Kresge and the Sala de Puerto Rico. These are the only spaces on campus certified for theatrical performance by Cambridge safety laws, Murphy said.

Baltimore resigns, reopens controversy over research

(Continued from page 1)

good." She said scientists had become more aware of the need for clarity, but that the public's perception of how science is conducted had been skewed by the ordeal.

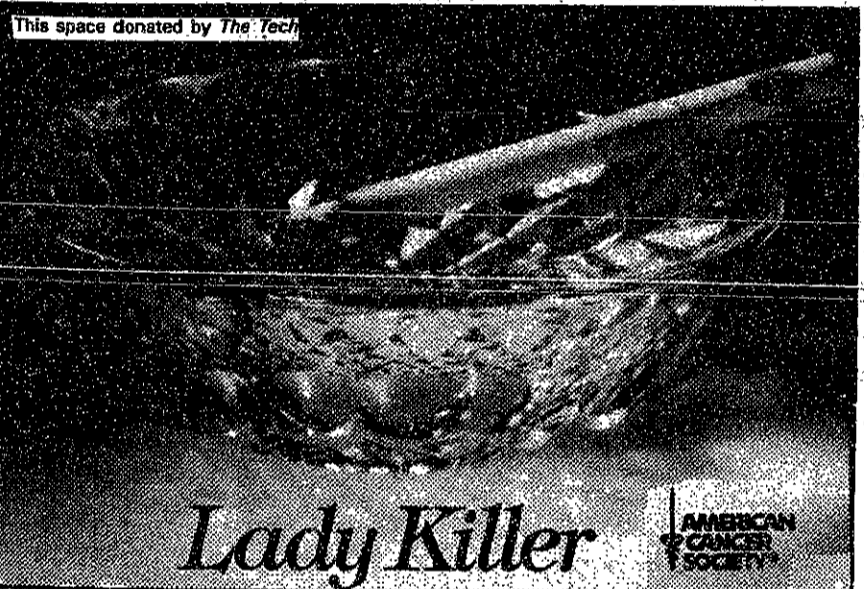
Imanishi-Kari and others feel that Baltimore has been "hounded" over the *Cell* article. "There are certain politicians who make political hay out of such things," said Professor of Biology Gene

M. Brown. "As long as they believe that's the case, we will have them," he added.

"The government is taking a fairly aggressive stance on [scientific] misconduct," said Brown.

"Certain people on [Rep. John D.] Dingell's (D-Mich.) staff and in the NIH have been overzealous," said Fox. "The whole ordeal has taken a heavy toll on him personally," said Fink.

This space donated by The Tech



Free Meal With A Big Wheel

Would you like to dine with the President of MIT, or a Provost, a Chairman or a Dean? How about the administrator who oversees the Arts on campus?

Who is the Professor of Humor? Well, here's your chance to pick their brains and offer some ideas of your own. Below is a list of Big Wheels and topics you might explore.

1) Paul Gray, Chairman, MIT Corporation

- Who owns MIT?
- Where does the Institute get its money?
- What makes a good student, a good teacher?

- a) Wednesday, January 22, 12:00 noon - 1:30 pm — Graduate Students
b) Friday, January 24, 12:00 noon - 1:30 pm — Undergraduates
c) Wednesday, January 29, 12:00 noon - 1:30 pm — All students

2) Ellen Harris, Associate Provost for the Arts

- Art on campus; how is it chosen and who funds it?
- Should the Arts be curricular or extracurricular?
- What's it like to be a woman in upper-level administration?

- a) Friday, January 16, 12:00 noon - 1:30 pm — All students
b) Monday, January 27, 12:00 noon - 1:30 pm — All students

3) S. Jay Keyser, Associate Provost for Educational Programs, Holder of De Florez Chair for Humor

- Why did he bring a "Clown" to MIT?
- Do professors engage in Hacks?
- What's bothering you?

- a) Friday, January 17, 12:00 noon - 1:30 pm — All students
b) Friday, January 24, 12:00 noon - 1:30 pm — All students

4) Frank Perkins, Dean of the Graduate School

- How are graduate and teaching fellowship policies set?
- How do you get admitted to graduate school at MIT?
- What do graduate students need?

- a) Monday, January 20, 12:00 noon - 1:30 pm — Graduate students
b) Wednesday, January 22, 12:00 noon - 1:30 pm — Seniors

5) J. Kim Vandiver, Chairman of the Faculty

- Should the General Institute Requirements be changed?
- Graduate student tuition and the employee benefit pool: what's happening?
- Is cheating a problem at MIT?

- a) Wednesday, January 15, 12:00 noon - 1:30 pm — All students
b) Thursday, January 16, 12:00 noon - 1:30 pm — All students

6) Charles Vest, President

- Any questions about MIT will be entertained.

- a) Monday, January 13, 12:00 noon - 1:30 pm — Freshmen
b) Wednesday, January 15, 12:00 noon - 1:30 pm — Graduate students
c) Tuesday, January 21, 8:00 - 9:30 am — Upperclass students
d) Thursday, January 23, 12:00 noon - 1:30 pm — Upperclass students
e) Tuesday, January 28, 8:00 - 9:30 am — Upperclass students

7) Mark Wrighton, Provost

- Should student housing policies be changed?
- What's right and wrong with student advising programs?
- What is the role of research in education?

- a) Thursday, January 9, 12:30 - 2:00 pm — All students
b) Thursday, January 23, 12:00 noon - 1:30 pm — Freshmen
c) Friday, January 24, 12:00 noon - 1:30 pm — Upperclass students

Please return this coupon to the IAP Office, 7-103, by Thursday, December 12 for the drawing on December 13. You will be contacted before the end of Finals Week, December 20.

Your Name: _____
Address: _____
Phone: _____ Circle Year: 1 2 3 4 G

Indicate:	Number of Big Wheel	Letter(s) of Meal(s) You Can Attend
1st choice:	_____	_____
2nd choice:	_____	_____
3rd choice:	_____	_____

Thank
You

To Students, Faculty, Staff and Employees
of M.I.T.

Bose Corporation was founded and built by M.I.T. people. Our success in research and in business is a result, in no small part, of what M.I.T. has done for us.

As one measure of our appreciation we are extending special purchase privileges to all students and employees of M.I.T. for their personal use.

Please direct all inquiries to the "M.I.T. Purchase Program."

BOSE CORPORATION
1-800-444 BOSE

Your M.I.T. identification will be required.